

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
 Data File : BN003491.D
 Acq On : 10 Nov 2018 02:23
 Operator : MJ/SJ
 Sample : PB114671BSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB114671BSD

Manual Integrations
 APPROVED

Sohil
 11/12/2018 5:07:58 PM

Quant Time: Nov 12 04:29:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN102418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 07 08:25:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	95213	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	413145	20.00	ng	0.00
39) Acenaphthene-d10	14.49	164	230753	20.00	ng	0.00
64) Phenanthrene-d10	17.23	188	439820	20.00	ng	0.00
76) Chrysene-d12	21.40	240	331989	20.00	ng	0.00
87) Perylene-d12	23.72	264	370646	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	603324	110.37	ng	0.00
7) Phenol-d6	7.01	99	779615	100.30	ng	0.00
23) Nitrobenzene-d5	9.02	82	651165	90.39	ng	0.00
42) 2,4,6-Tribromophenol	15.97	330	330941	106.51	ng	0.00
45) 2-Fluorobiphenyl	13.10	172	1782342	104.77	ng	0.00
79) Terphenyl-d14	19.84	244	1578356	101.67	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.33	88	74206	28.590	ng	92
3) Pyridine	3.73	79	217638	36.694	ng	91
4) n-Nitrosodimethylamine	3.65	42	88563	40.557	ng	# 87
6) Aniline	7.18	93	221353	22.804	ng	96
8) 2-Chlorophenol	7.41	128	318025	47.233	ng	95
9) Benzaldehyde	6.99	77	148294	32.849	ng	98
10) Phenol	7.03	94	371549	45.295	ng	96
11) bis(2-Chloroethyl)ether	7.28	93	262175	39.131	ng	93
12) 1,3-Dichlorobenzene	7.73	146	313562	41.887	ng	97
13) 1,4-Dichlorobenzene	7.89	146	319875	41.498	ng	97
14) 1,2-Dichlorobenzene	8.20	146	309865	41.420	ng	100
15) Benzyl Alcohol	8.09	79	241580	43.128	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.37	45	339469	34.558	ng	96
17) 2-Methylphenol	8.28	107	261387	46.626	ng	98
18) Hexachloroethane	8.92	117	108778	40.283	ng	94
19) n-Nitroso-di-n-propylamine	8.66	70	202685	36.160	ng	95
20) 3+4-Methylphenols	8.61	107	351577	44.149	ng	98
22) Acetophenone	8.67	105	422377	42.177	ng	97
24) Nitrobenzene	9.06	77	298130	40.555	ng	94
25) Isophorone	9.57	82	567878	44.939	ng	96
26) 2-Nitrophenol	9.76	139	168506	43.550	ng	94
27) 2,4-Dimethylphenol	9.81	122	296174	54.441	ng	97
28) bis(2-Chloroethoxy)methane	10.06	93	373151	43.832	ng	98
29) 2,4-Dichlorophenol	10.29	162	307439	49.521	ng	97
30) 1,2,4-Trichlorobenzene	10.50	180	308747	43.746	ng	99
31) Naphthalene	10.70	128	934129	46.269	ng	100
32) Benzoic acid	9.95	122	188993	41.379	ng	93
33) 4-Chloroaniline	10.81	127	55887	6.265	ng	96
34) Hexachlorobutadiene	10.96	225	185009	43.928	ng	98
35) Caprolactam	11.60	113	89702m	36.901	ng	
36) 4-Chloro-3-methylphenol	11.92	107	303333	43.808	ng	95
37) 2-Methylnaphthalene	12.30	142	695852	48.230	ng	100
38) 1-Methylnaphthalene	12.53	142	655267	46.501	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.67	216	365345	47.860	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.64	237	497221	142.379	nq	98
43) 2,4,6-Trichlorophenol	12.91	196	245334	50.867	nq	98
44) 2,4,5-Trichlorophenol	12.98	196	260594	51.800	nq	98
46) 1,1'-Biphenyl	13.32	154	880235	43.463	nq	99
47) 2-Chloronaphthalene	13.36	162	676978	45.317	nq	98
48) 2-Nitroaniline	13.57	65	165290	37.657	nq	89
49) Acenaphthylene	14.21	152	1089393	47.643	nq	100
50) Dimethylphthalate	13.95	163	839954	45.019	nq	100
51) 2,6-Dinitrotoluene	14.07	165	184848	43.651	nq	93
52) Acenaphthene	14.55	154	624266	45.059	nq	98
53) 3-Nitroaniline	14.40	138	67429	14.895	nq	92
54) 2,4-Dinitrophenol	14.60	184	181275	74.854	nq	91
55) Dibenzofuran	14.89	168	995901	44.184	nq	99
56) 4-Nitrophenol	14.70	139	390699	117.047	nq	91
57) 2,4-Dinitrotoluene	14.86	165	243132	42.344	nq	# 76
58) Fluorene	15.53	166	781103	44.909	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.10	232	228430	51.709	nq	97
60) Diethylphthalate	15.30	149	804896	42.512	nq	99
61) 4-Chlorophenyl-phenylether	15.53	204	418385	43.296	nq	97
62) 4-Nitroaniline	15.57	138	165128	37.338	nq	95
63) Azobenzene	15.82	77	684051	39.093	nq	96
65) 4,6-Dinitro-2-methylphenol	15.61	198	125052	40.749	nq	94
66) n-Nitrosodiphenylamine	15.75	169	680031	49.390	nq	99
67) 4-Bromophenyl-phenylether	16.42	248	266235	53.748	nq	97
68) Hexachlorobenzene	16.53	284	294205	52.136	nq	95
69) Atrazine	16.69	200	237831	48.740	nq	98
70) Pentachlorophenol	16.87	266	322748	110.513	nq	99
71) Phenanthrene	17.27	178	1104841	47.782	nq	98
72) Anthracene	17.36	178	1121855	48.622	nq	99
73) Carbazole	17.63	167	926134	38.760	nq	99
74) Di-n-butylphthalate	18.18	149	1232128	44.206	nq	100
75) Fluoranthene	19.28	202	1064548	39.079	nq	99
77) Benzidine	19.47	184	332994	34.262	nq	99
78) Pyrene	19.64	202	1039704	53.285	nq	99
80) Butylbenzylphthalate	20.53	149	423327	46.724	nq	97
81) Benzo(a)anthracene	21.39	228	924719	47.830	nq	99
82) 3,3'-Dichlorobenzidine	21.32	252	194407	24.299	nq	100
83) Chrysene	21.44	228	863166	46.443	nq	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	594112	44.218	nq	# 99
85) Di-n-octyl phthalate	22.20	149	894069	38.778	nq	98
86) Indeno(1,2,3-cd)pyrene	26.09	276	1263478	59.318	nq	98
88) Benzo(b)fluoranthene	23.02	252	984777	48.255	nq	99
89) Benzo(k)fluoranthene	23.07	252	994662	49.695	nq	99
90) Benzo(a)pyrene	23.62	252	982965	50.539	nq	98
91) Dibenzo(a,h)anthracene	26.09	278	1064101	55.275	nq	99
92) Benzo(g,h,i)perylene	26.81	276	1056683	57.176	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

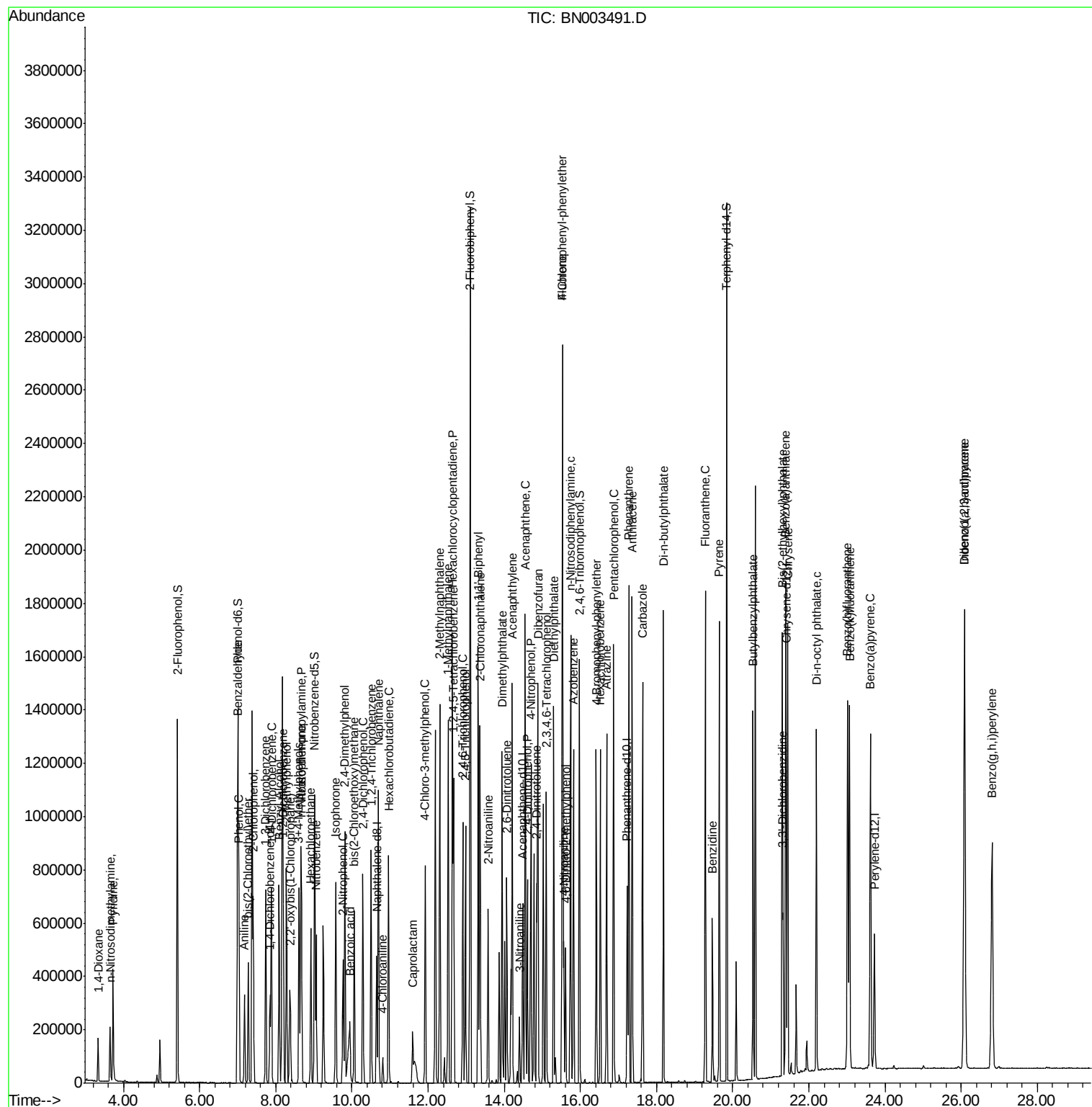
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110918\
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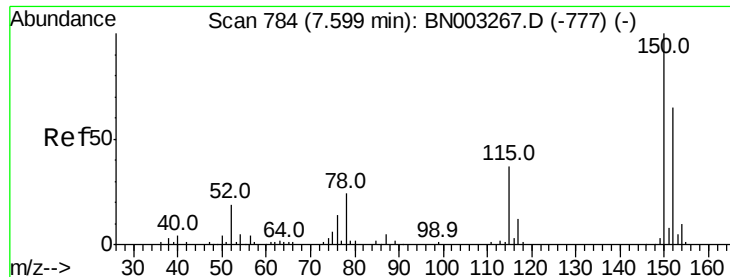
Instrument :
BNA_N
ClientSampleId :
PB114671BSD

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#1

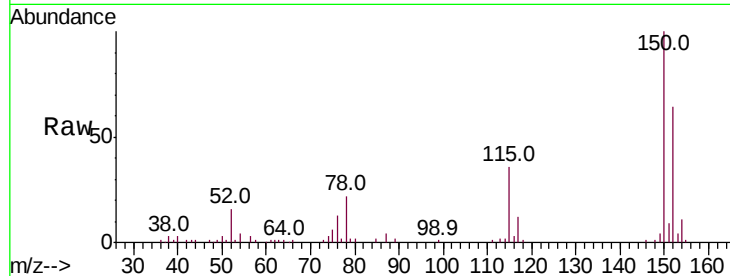
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.85 min Scan# 827
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	123.8	185.8
115	55.8	45.9	68.9

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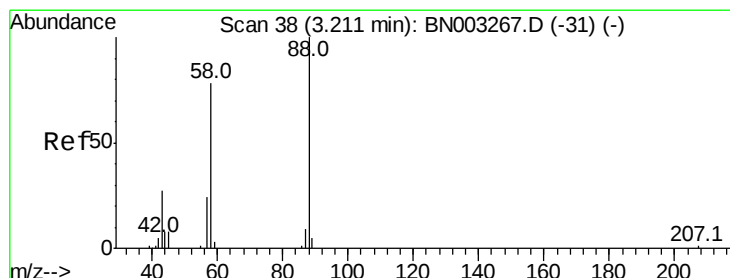
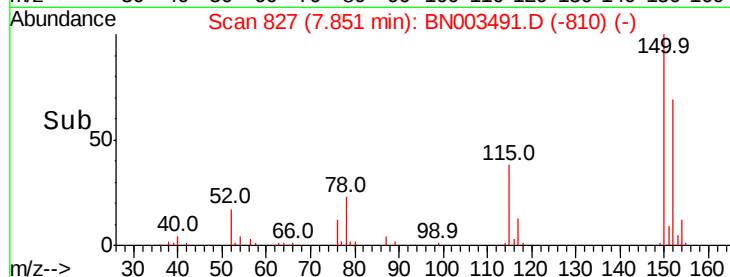
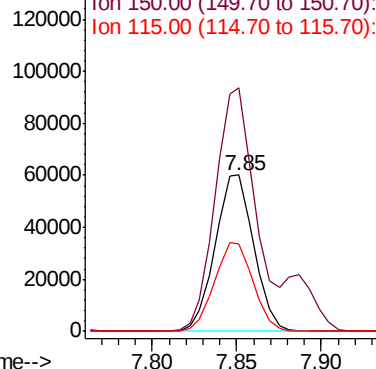


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

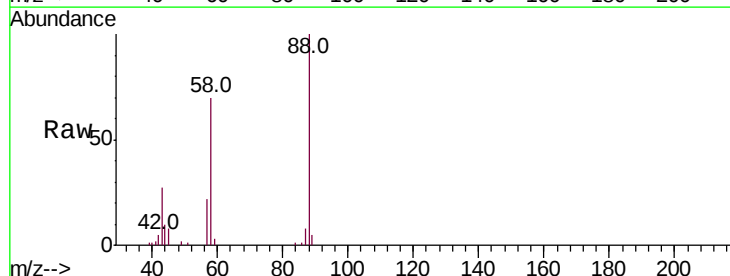
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 28.590 ng
RT: 3.33 min Scan# 59
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.2	61.1	91.7
43	24.3	22.2	33.4

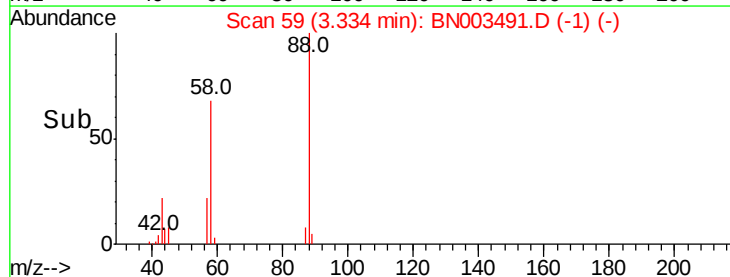
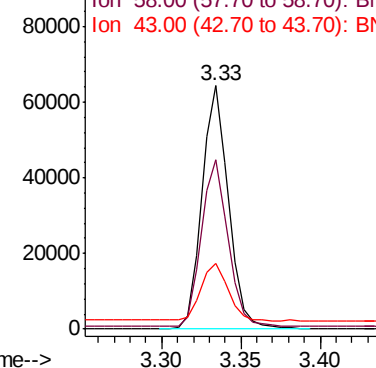


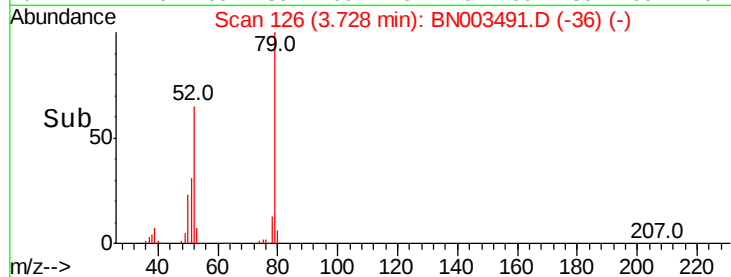
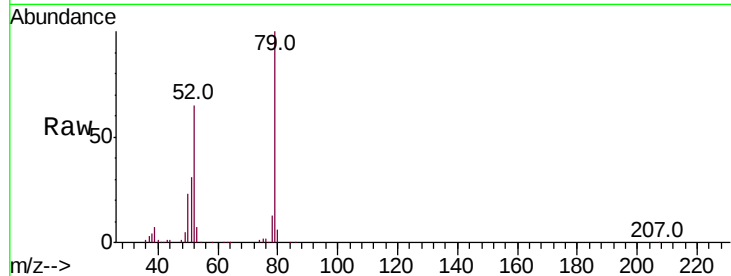
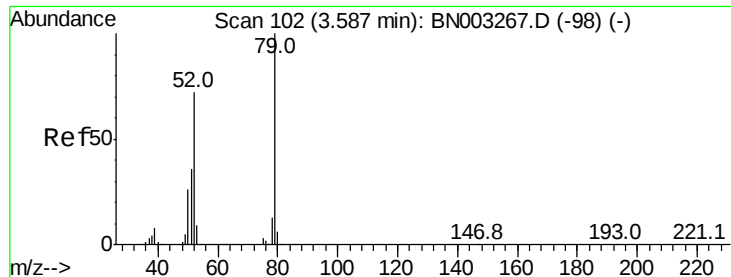
Abundance

Ion 88.00 (87.70 to 88.70): BNC

Ion 58.00 (57.70 to 58.70): BNC

Ion 43.00 (42.70 to 43.70): BNC





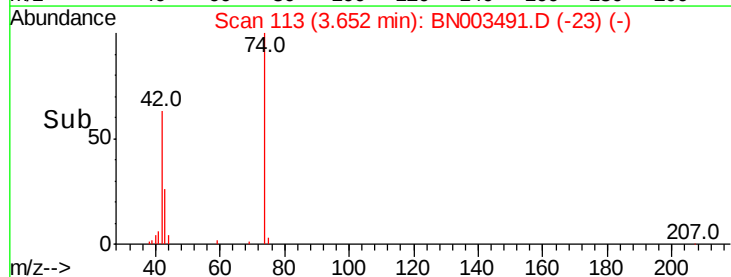
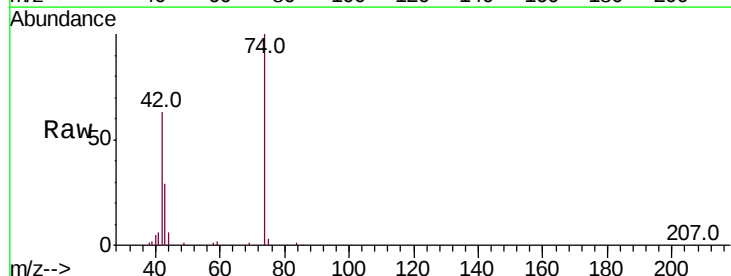
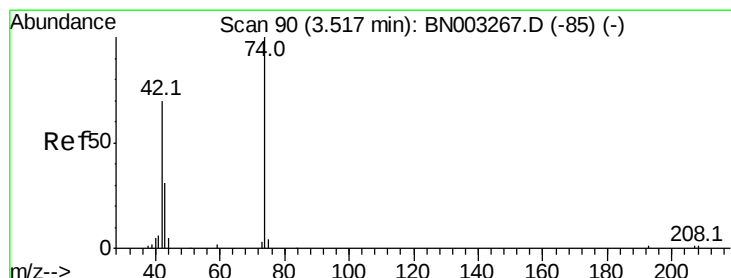
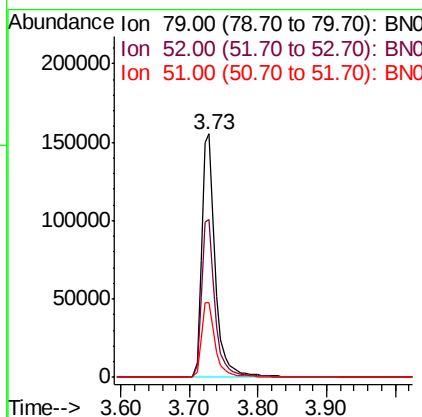
#3
Pvridine
Concen: 36.694 ng
RT: 3.73 min Scan# 126
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.6	57.7	86.5
51	30.8	28.7	43.1

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

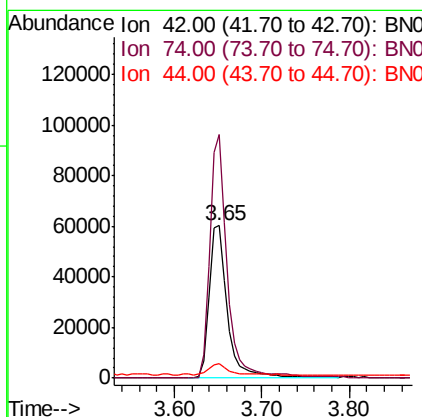
Manual Integrations
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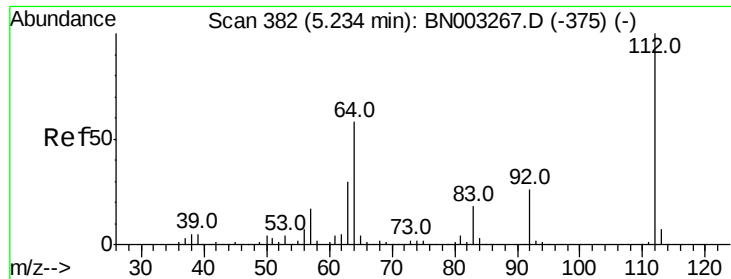
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#4
n-Nitrosodimethylamine
Concen: 40.557 ng
RT: 3.65 min Scan# 113
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	159.5	114.2	171.4
44	9.2	6.1	9.1#





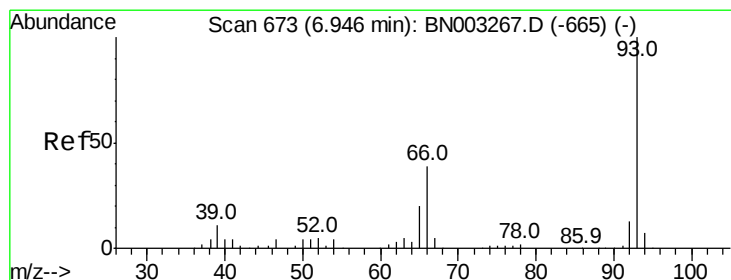
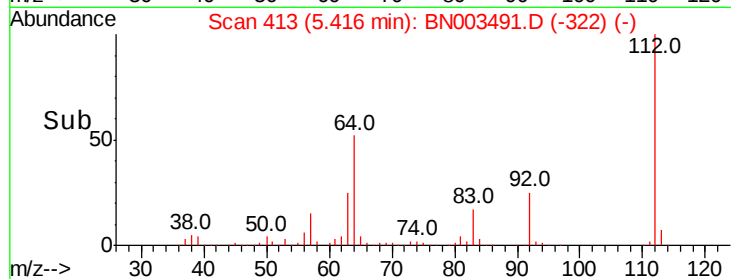
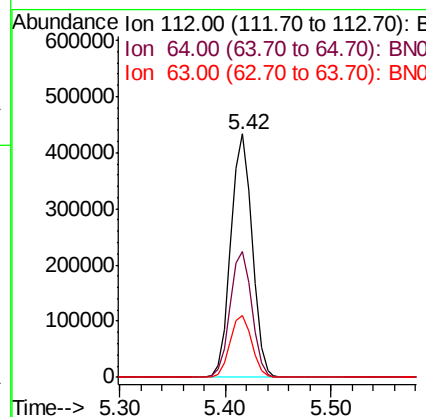
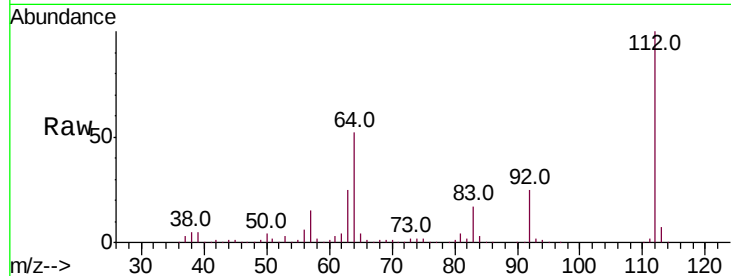
#5
2-Fluorophenol
Concen: 110.367 ng
RT: 5.42 min Scan# 413
Delta R.T. 0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion:	112	Resp:	603324
Ion Ratio	Lower	Upper	
112	100		
64	51.7	46.6	69.8
63	25.3	23.8	35.8

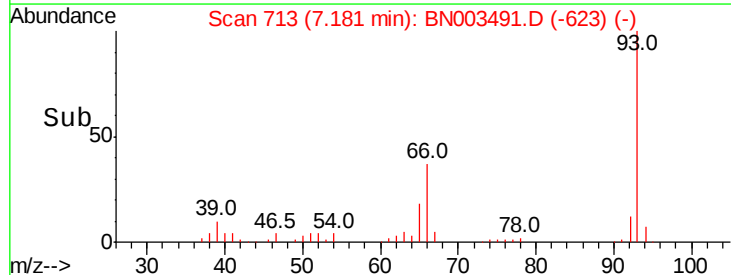
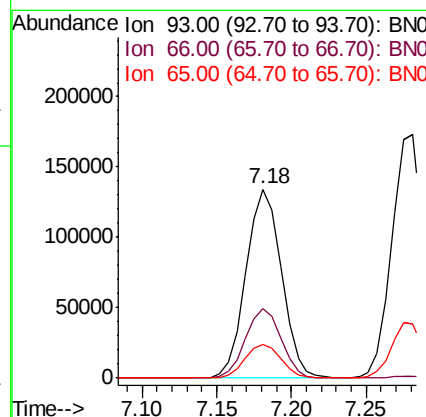
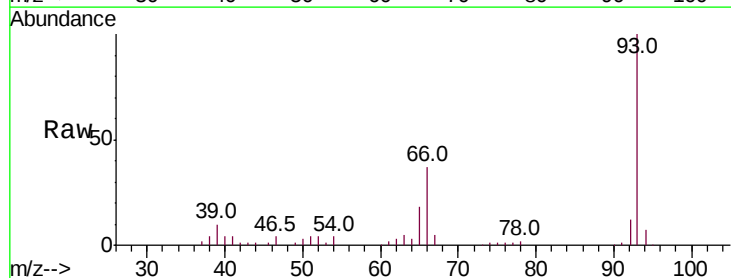
Manual Integrations
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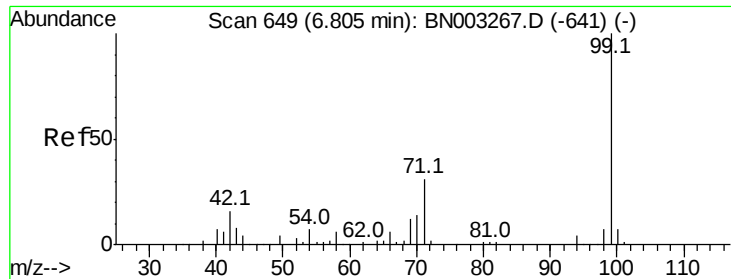
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#6
Aniline
Concen: 22.804 ng
RT: 7.18 min Scan# 713
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion:	93	Resp:	221353
Ion Ratio	Lower	Upper	
93	100		
66	37.0	31.4	47.0
65	17.9	15.7	23.5





#7

Phenol-d6

Concen: 100.296 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.00 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

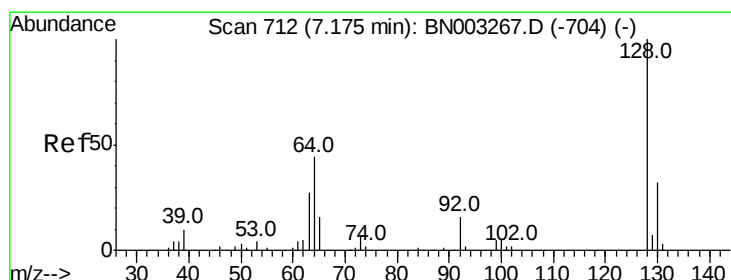
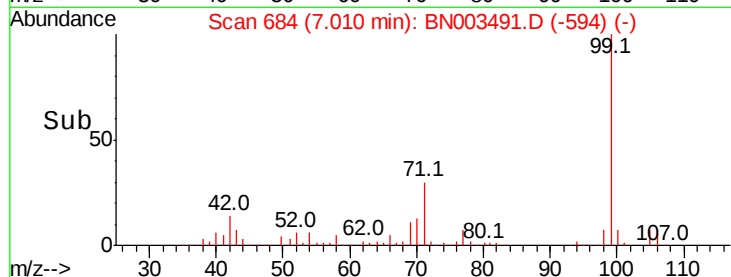
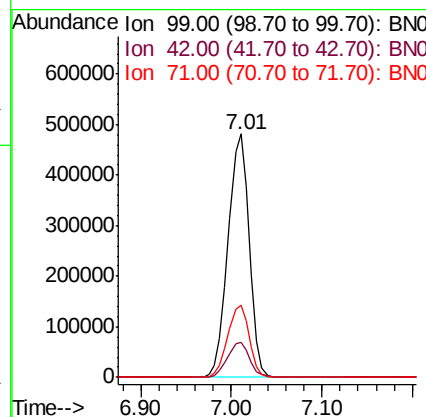
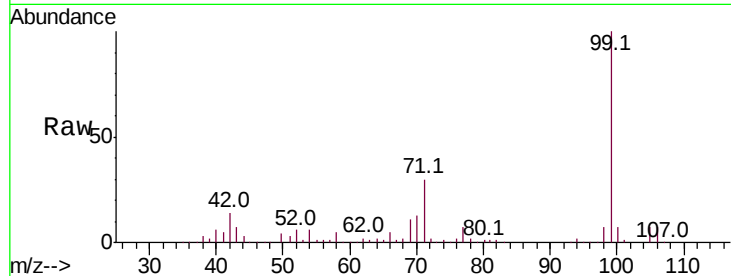
ClientSampleId :

PB114671BSD

Tot Ion	Ratio	Resp	Lower	Upper
99	100	779615		
42	14.4	13.0	19.6	
71	29.7	24.5	36.7	

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#8

2-Chlorophenol

Concen: 47.233 ng

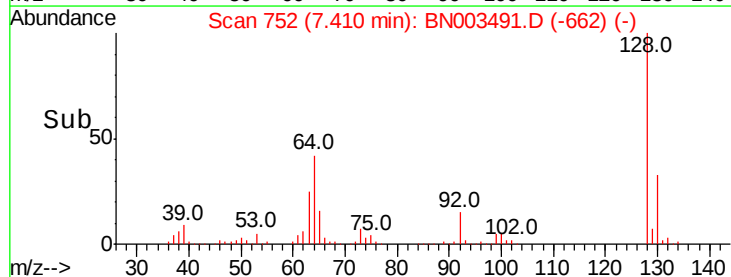
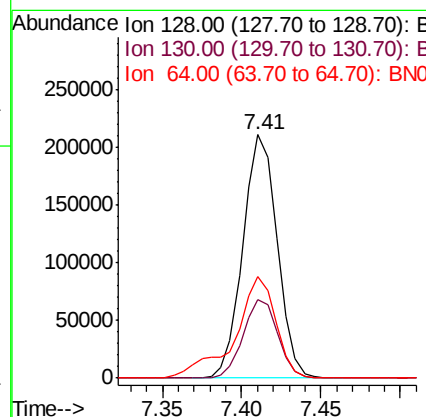
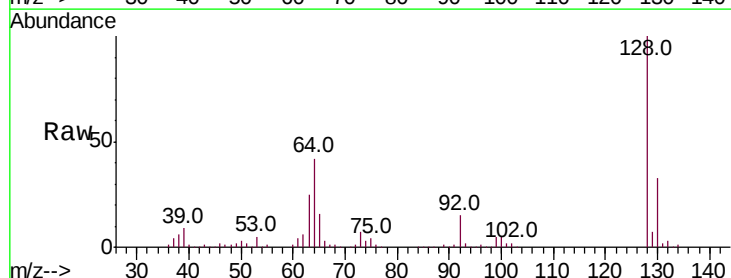
RT: 7.41 min Scan# 752

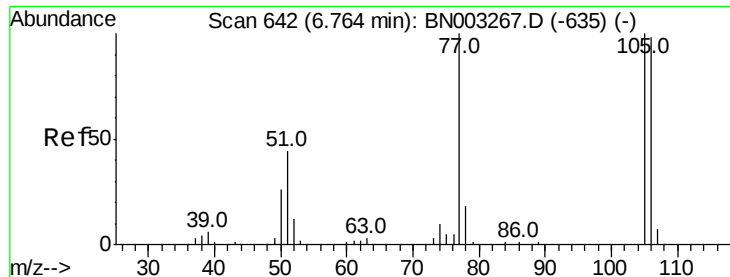
Delta R.T. -0.00 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	318025		
130	32.5	12.4	52.4	
64	41.5	27.0	67.0	





#9

Benzaldehyde

Concen: 32.849 ng

RT: 6.99 min Scan# 681

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

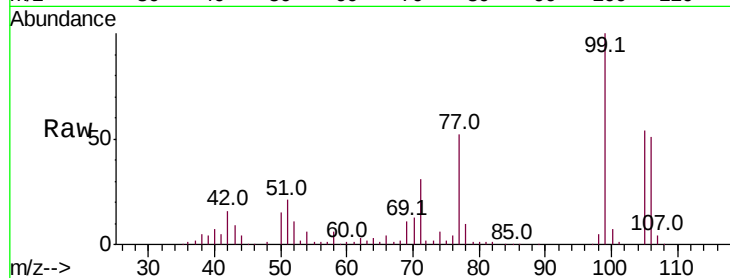
ClientSampleId :

PB114671BSD

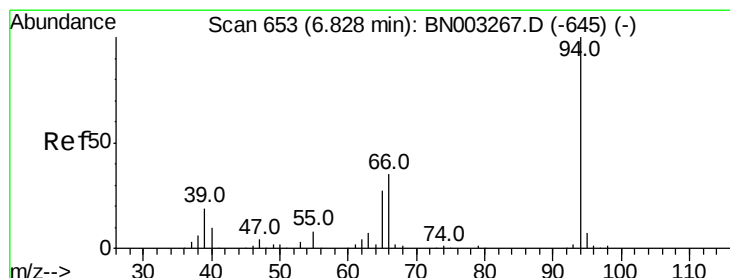
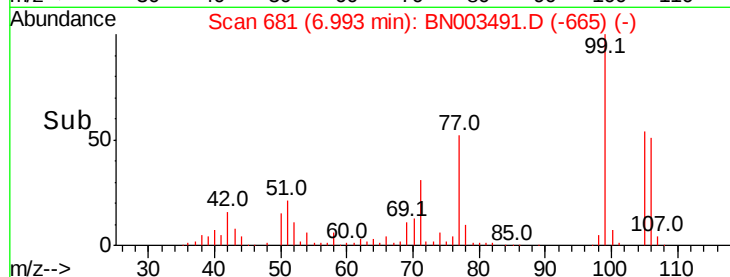
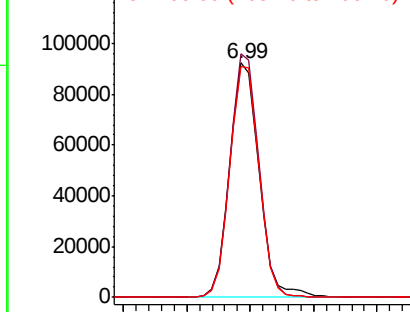
Tot Ion:	77	Resp:	148294
Ion	Ratio	Lower	Upper
77	100		
105	103.8	79.9	119.9
106	98.6	78.4	118.4

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Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 106.00 (105.70 to 106.70): BNC



#10

Phenol

Concen: 45.295 ng

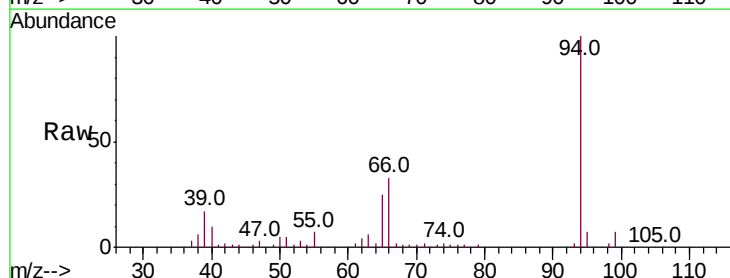
RT: 7.03 min Scan# 688

Delta R.T. -0.00 min

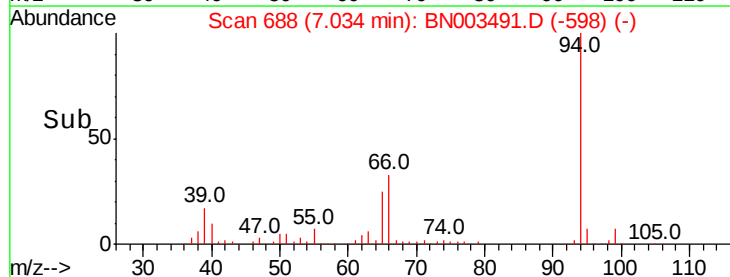
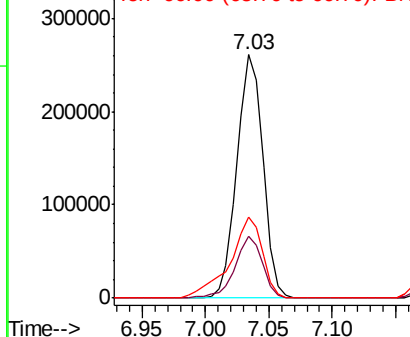
Lab File: BN003491.D

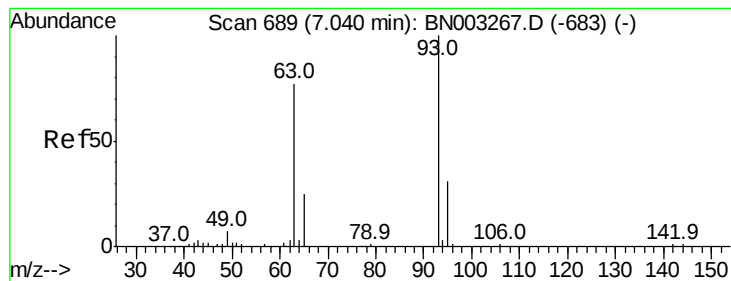
Acq: 10 Nov 2018 02:23

Tgt Ion:	94	Resp:	371549
Ion	Ratio	Lower	Upper
94	100		
65	25.4	7.7	47.7
66	33.4	15.8	55.8



Abundance Ion 94.00 (93.70 to 94.70): BNC
Ion 65.00 (64.70 to 65.70): BNC
Ion 66.00 (65.70 to 66.70): BNC





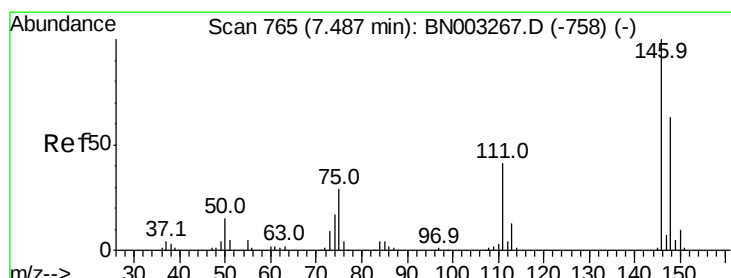
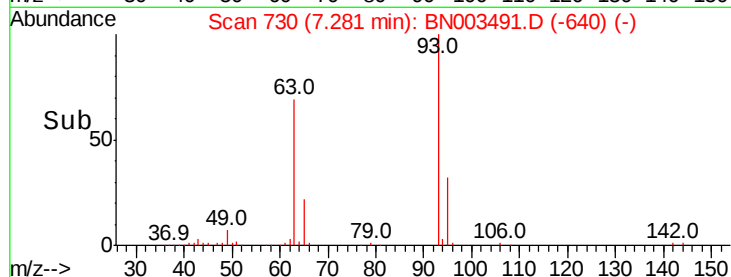
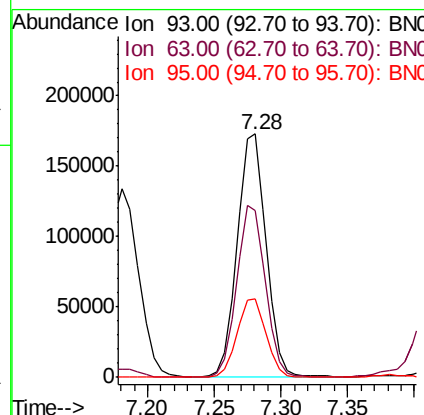
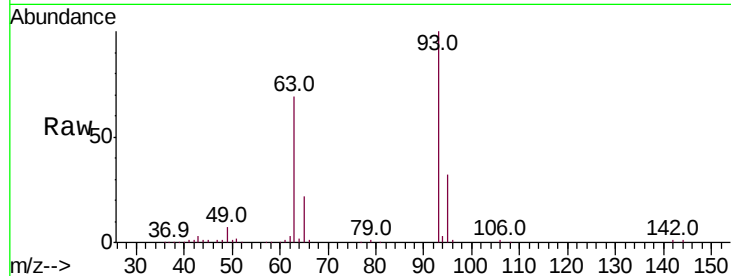
#11
bis(2-Chloroethyl)ether
Concen: 39.131 ng
RT: 7.28 min Scan# 730
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	262175		
63	68.6		56.6	96.6
95	32.3		10.9	50.9

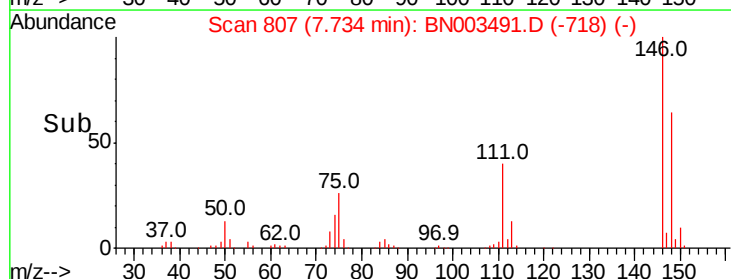
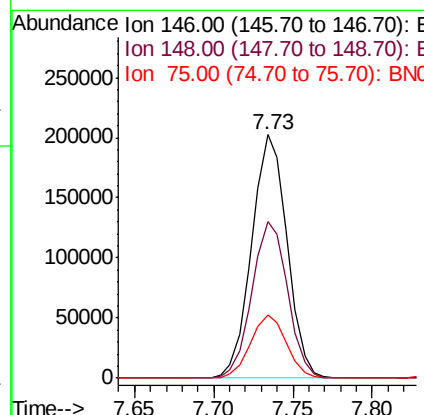
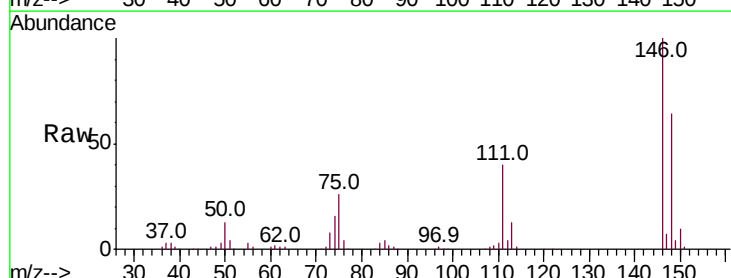
Manual Integrations
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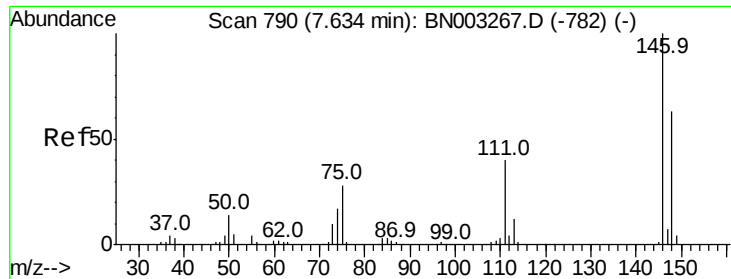
Sohil
11/12/2018 5:07:58 PM



#12
1,3-Dichlorobenzene
Concen: 41.887 ng
RT: 7.73 min Scan# 807
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	313562		
148	64.3		50.1	75.1
75	26.0		22.9	34.3





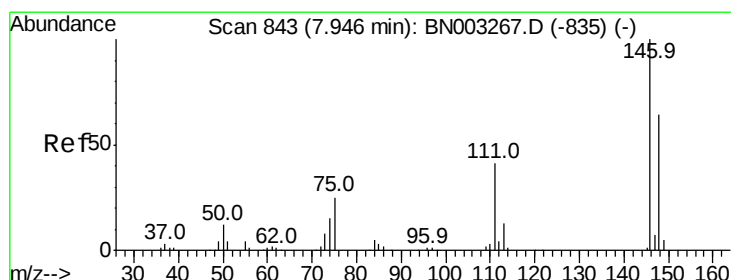
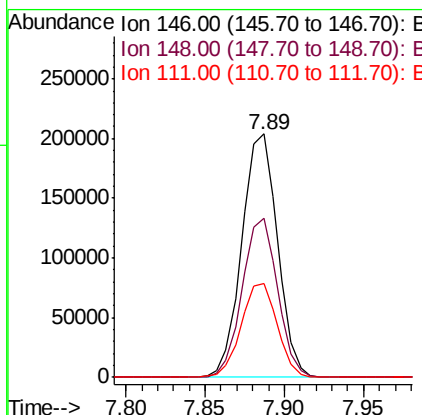
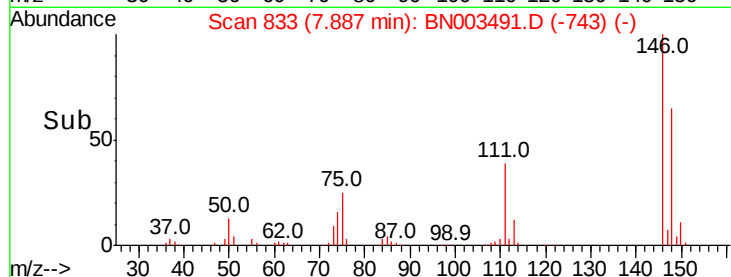
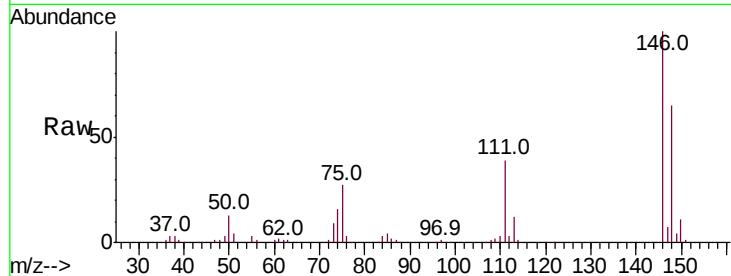
#13
1,4-Dichlorobenzene
Concen: 41.498 ng
RT: 7.89 min Scan# 833
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleID :
PB114671BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.2	75.2
111	38.8	32.1	48.1

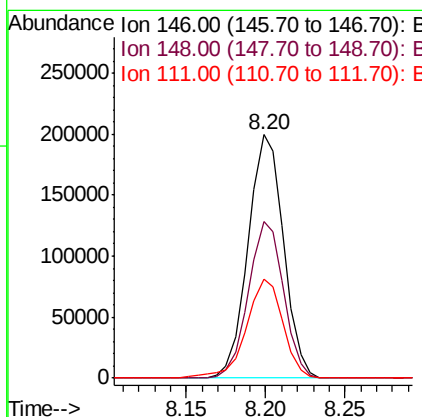
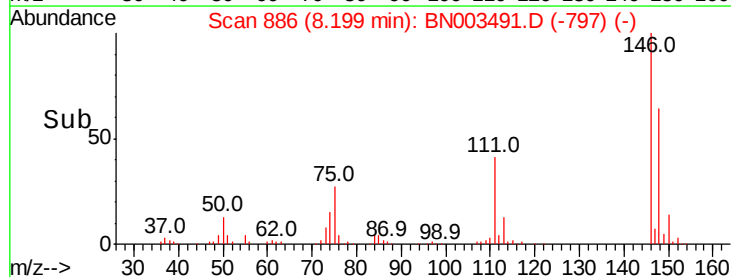
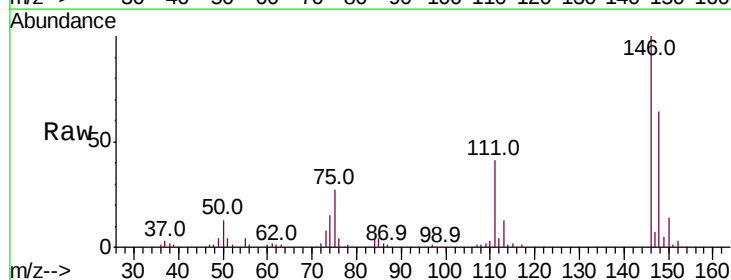
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APPROVED

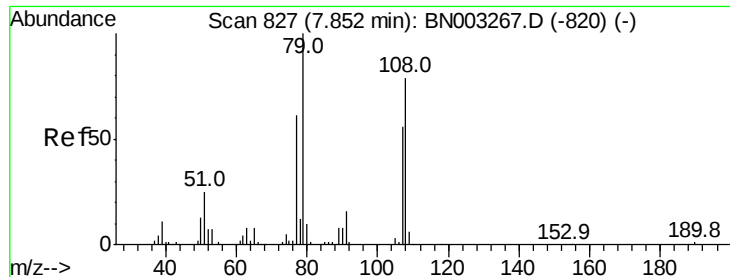
Sohil
11/12/2018 5:07:58 PM



#14
1,2-Dichlorobenzene
Concen: 41.420 ng
RT: 8.20 min Scan# 886
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.2
111	40.8	33.1	49.7





#15

Benzyl Alcohol

Concen: 43.128 ng

RT: 8.09 min Scan# 867

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

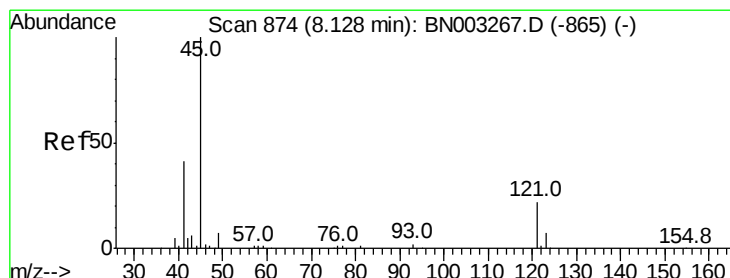
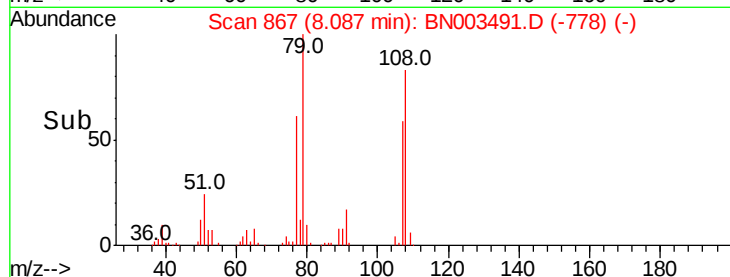
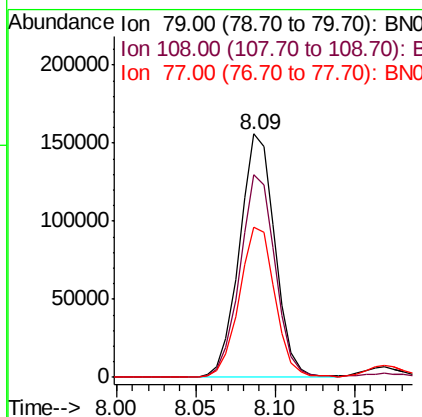
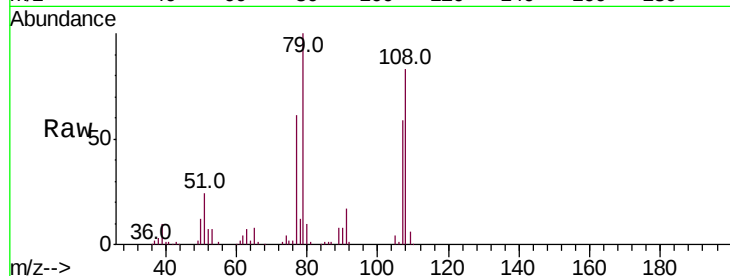
ClientSampleId :

PB114671BSD

Tot Ion:	79	Resp:	241580
Ion Ratio	Lower	Upper	
79	100		
108	83.4	63.3	94.9
77	61.5	49.0	73.6

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.558 ng

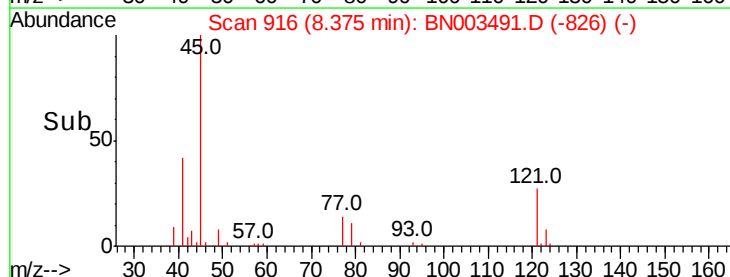
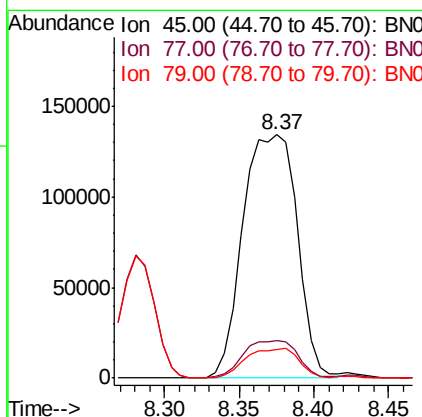
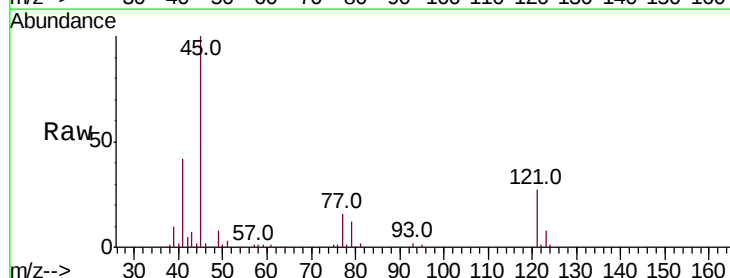
RT: 8.37 min Scan# 916

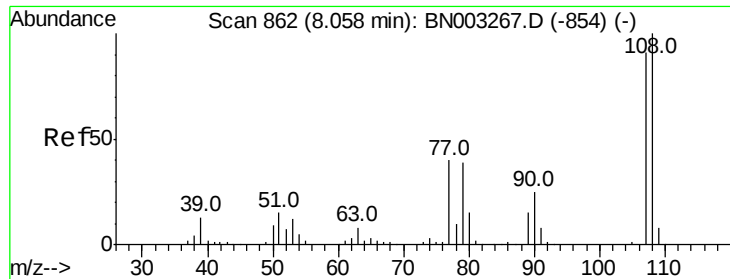
Delta R.T. -0.00 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Tgt Ion:	45	Resp:	339469
Ion Ratio	Lower	Upper	
45	100		
77	15.7	0.0	34.0
79	12.0	0.0	30.9





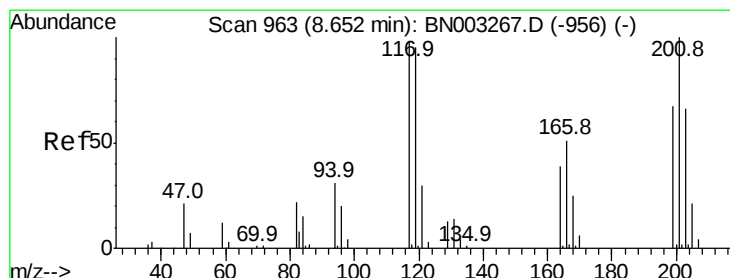
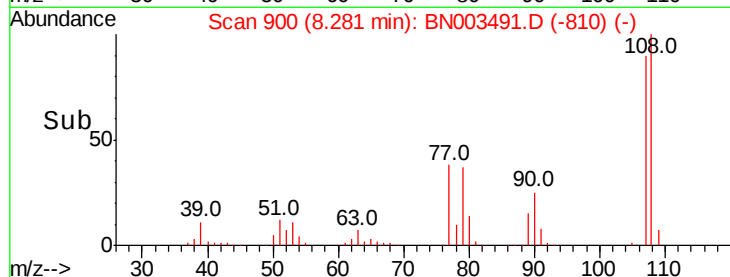
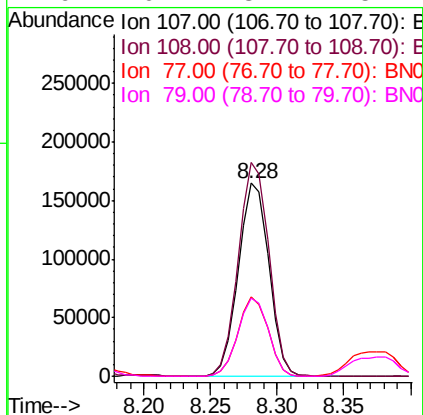
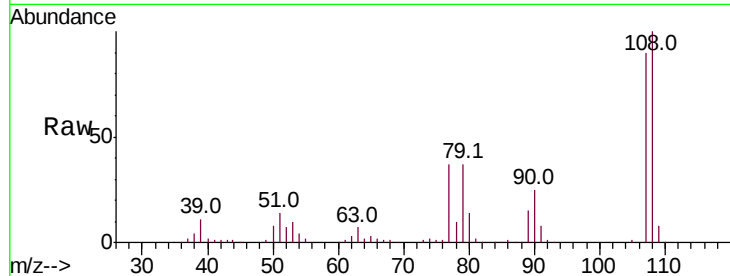
#17
2-Methylphenol
Concen: 46.626 ng
RT: 8.28 min Scan# 900
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	261387		
108	110.8	87.6	131.4	
77	41.5	35.3	52.9	
79	40.7	34.2	51.4	

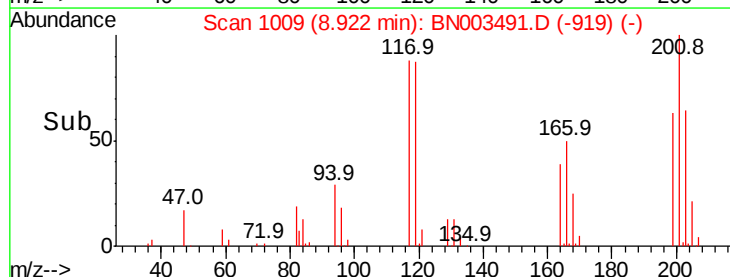
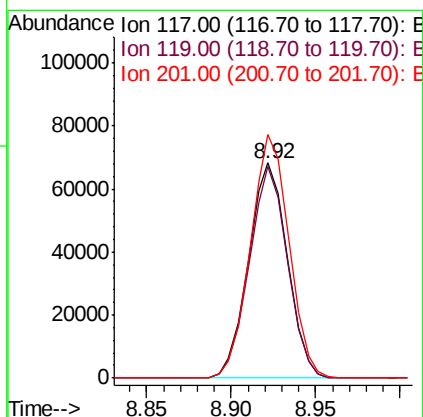
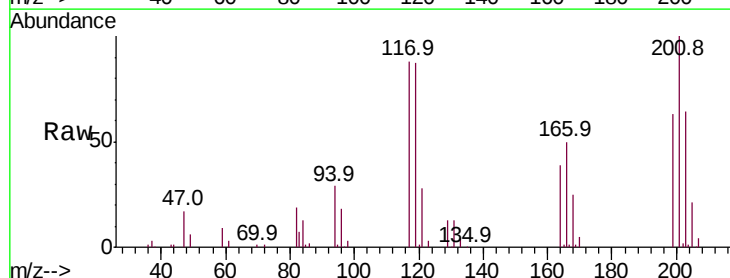
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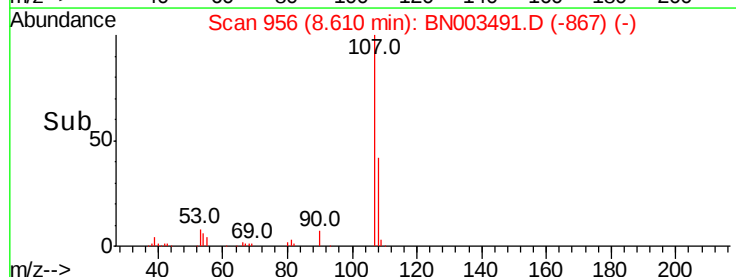
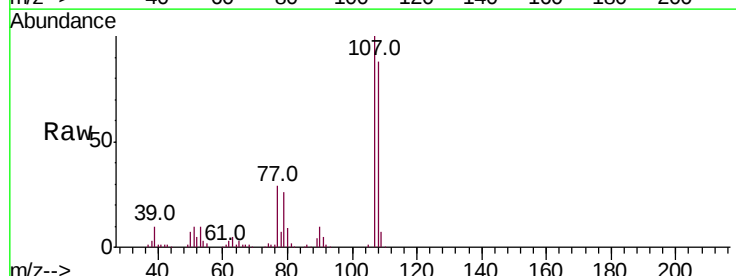
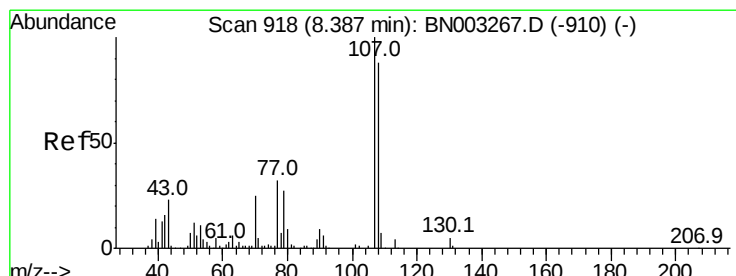
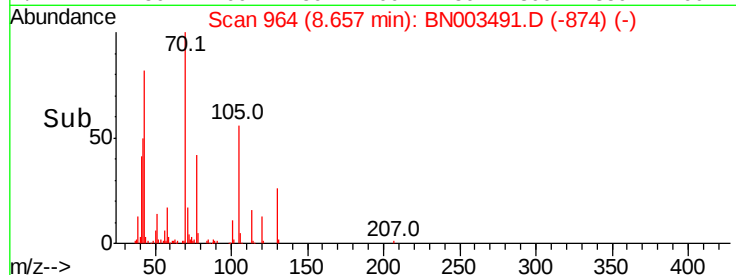
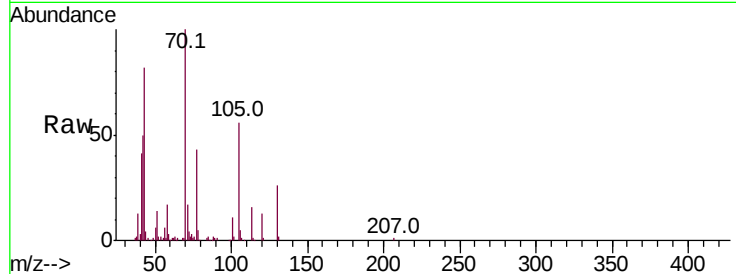
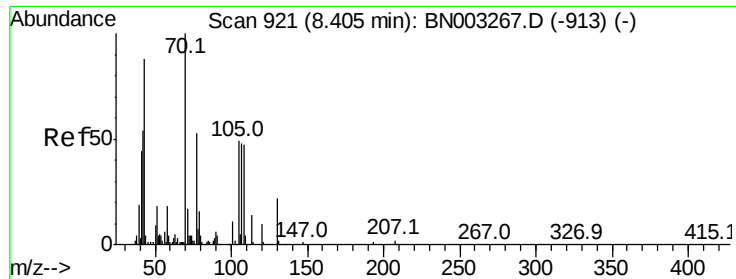
Sohil
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#18
Hexachloroethane
Concen: 40.283 ng
RT: 8.92 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	108778		
119	98.2	77.8	116.6	
201	113.1	81.4	122.2	





#19

n-Nitroso-di-n-propylamine

Concen: 36.160 ng

RT: 8.66 min Scan# 964

Delta R.T. -0.00 min

Lab File: BN003491.D

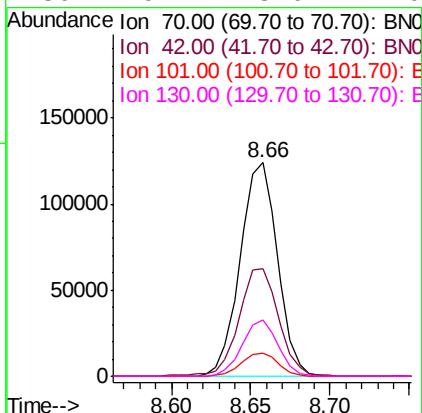
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.4	43.5	65.3
101	11.0	8.6	12.8
130	26.1	18.0	27.0

Manual Integrations
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#20

3+4-Methylphenols

Concen: 44.149 ng

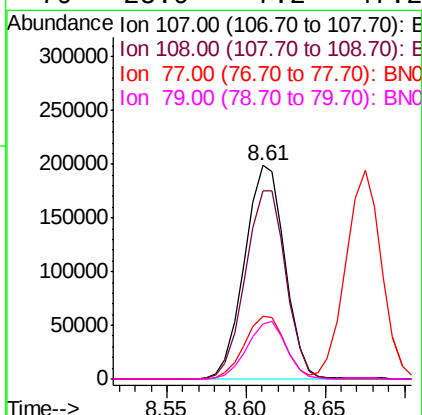
RT: 8.61 min Scan# 956

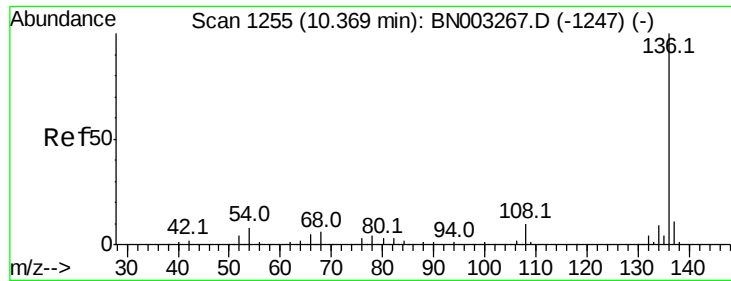
Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.8	67.8	107.8
77	29.2	12.1	52.1
79	25.9	7.2	47.2





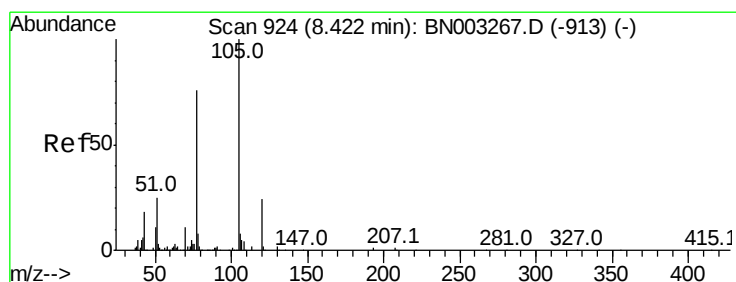
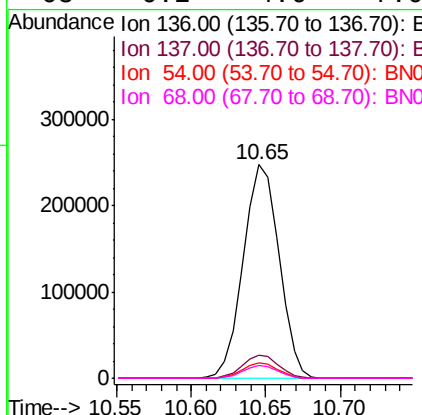
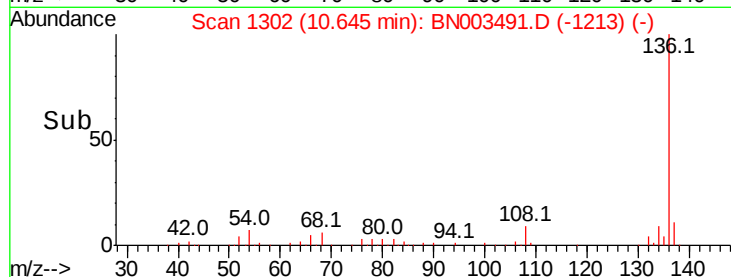
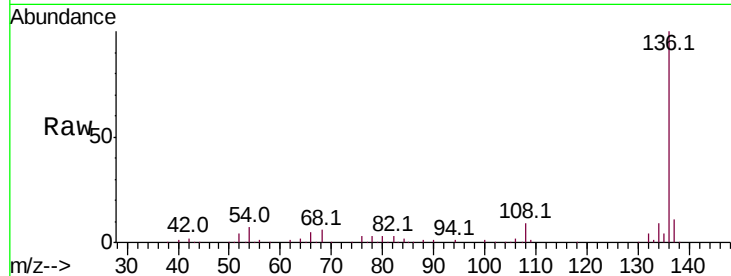
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.65 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	413145		
137	10.9	8.7	13.1	
54	7.3	6.6	10.0	
68	6.2	4.6	7.0	

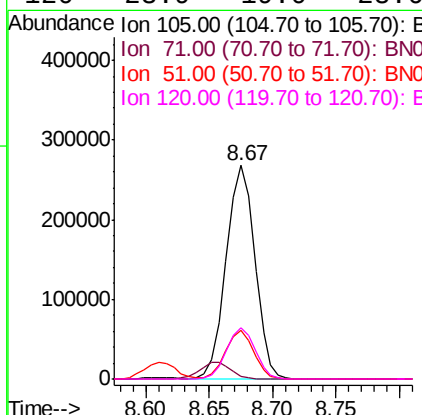
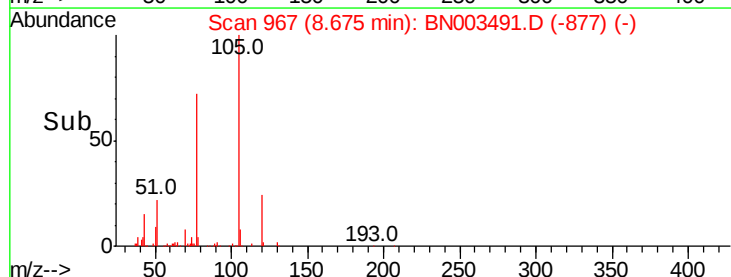
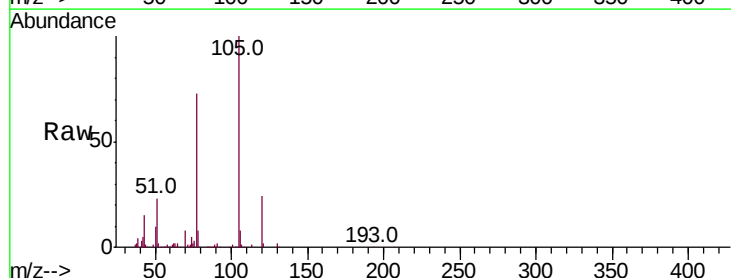
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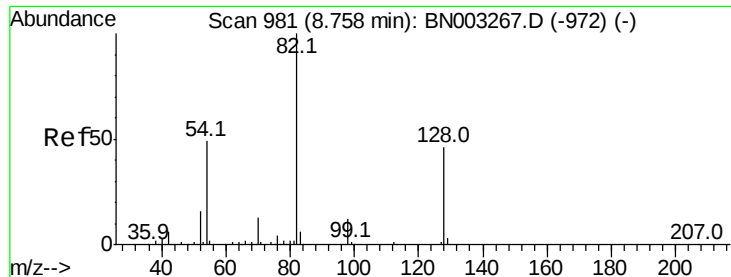
Sohil
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#22
Acetophenone
Concen: 42.177 ng
RT: 8.67 min Scan# 967
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	422377		
71	1.3	1.3	1.9	
51	22.5	20.5	30.7	
120	23.9	19.0	28.6	





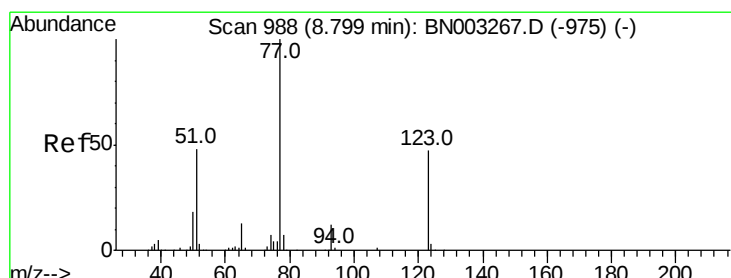
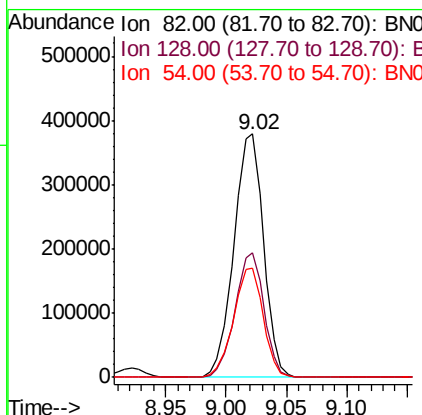
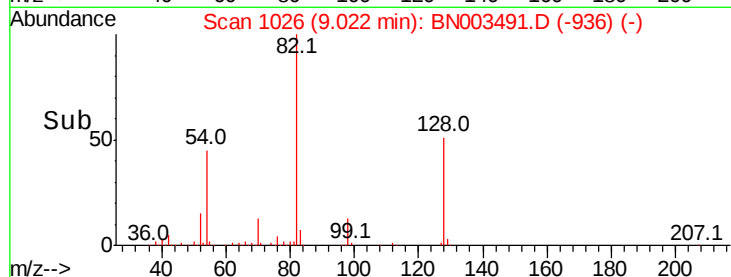
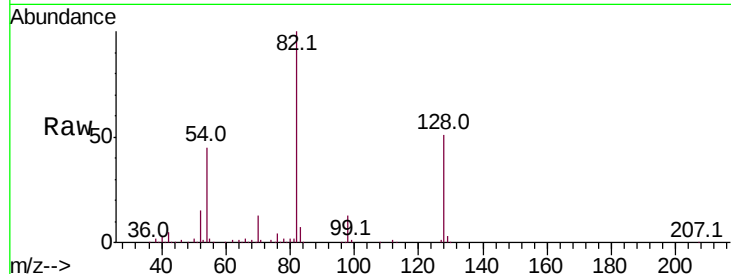
#23
Nitrobenzene-d5
Concen: 90.389 ng
RT: 9.02 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampled :
PB114671BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.1	37.1	55.7
54	44.6	39.4	59.2

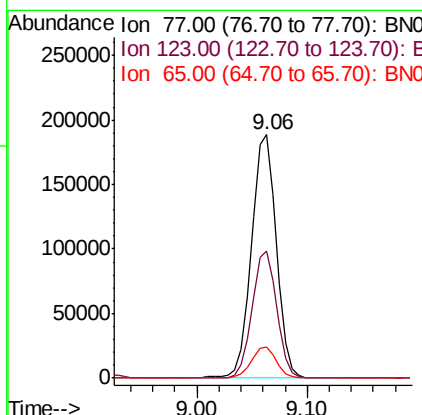
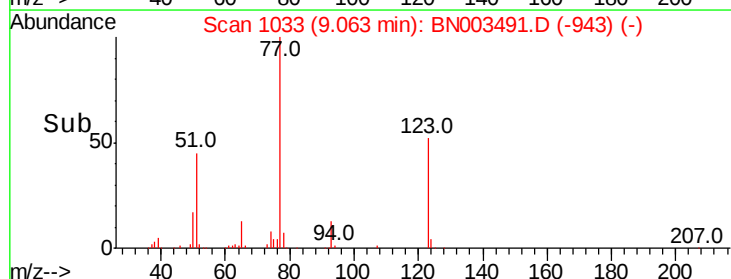
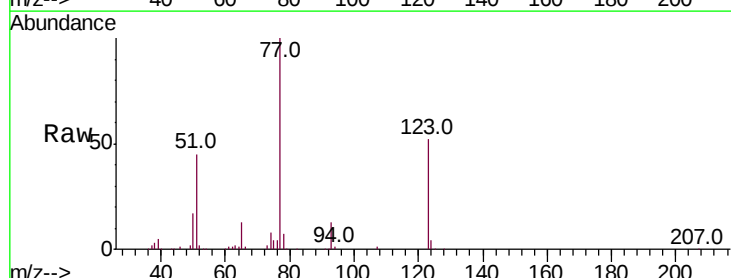
Manual Integrations
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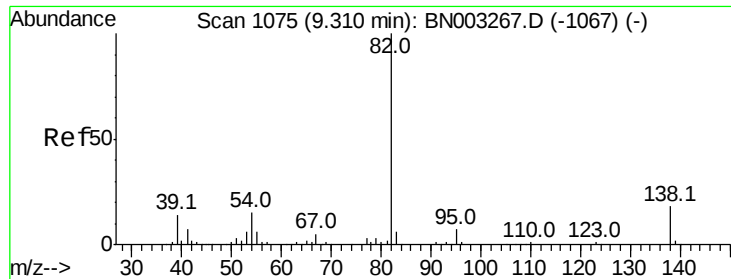
Sohil
11/12/2018 5:07:58 PM



#24
Nitrobenzene
Concen: 40.555 ng
RT: 9.06 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.3	37.8	56.6
65	12.9	10.7	16.1





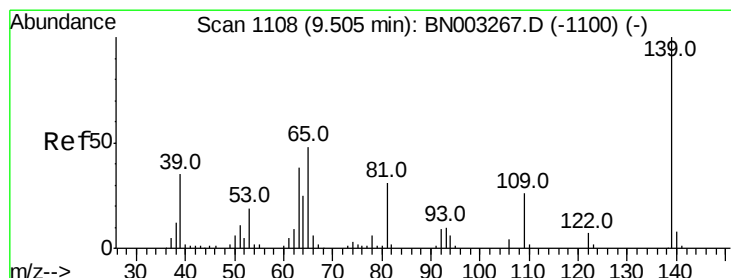
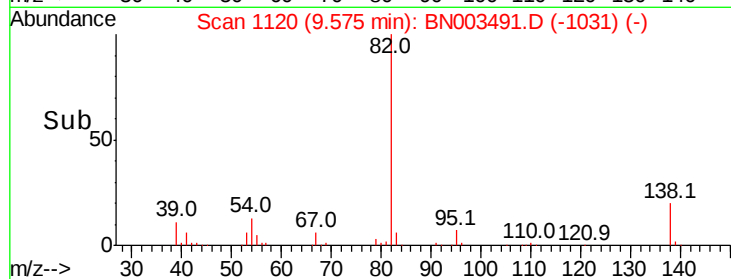
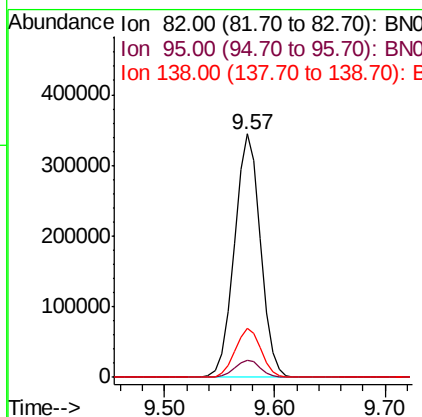
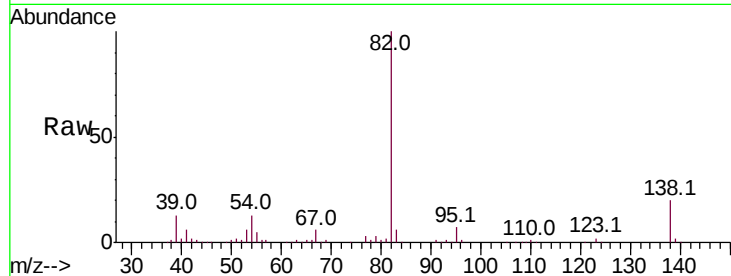
#25
Isophorone
Concen: 44.939 ng
RT: 9.57 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Lower	Upper
82	100		
95	7.0	5.4	8.0
138	20.2	14.5	21.7

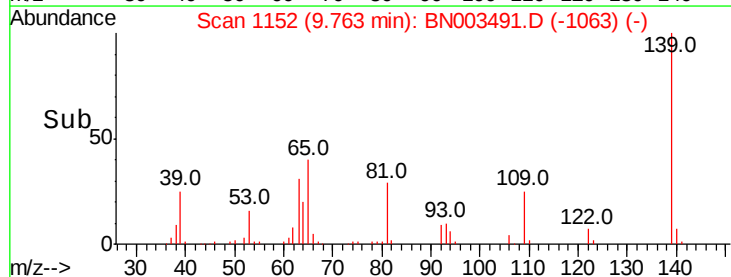
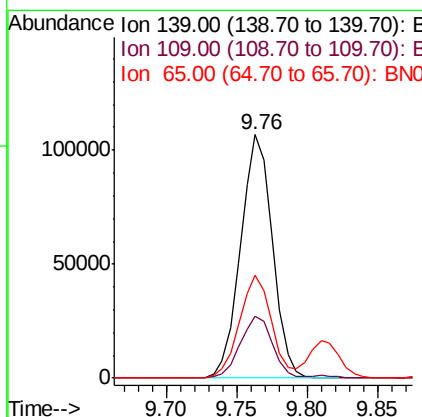
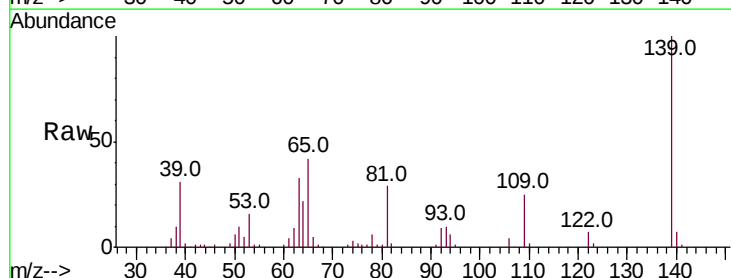
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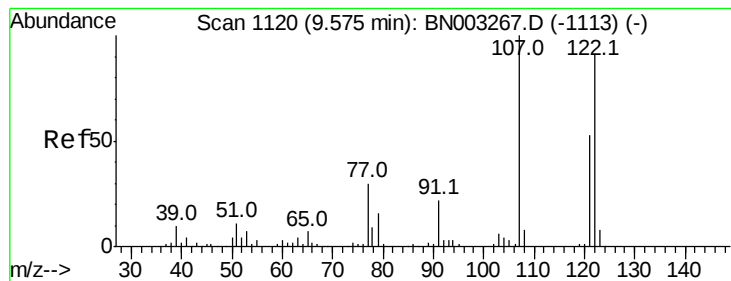
Sohil
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#26
2-Nitrophenol
Concen: 43.550 ng
RT: 9.76 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.3	20.5	30.7
65	42.3	38.4	57.6





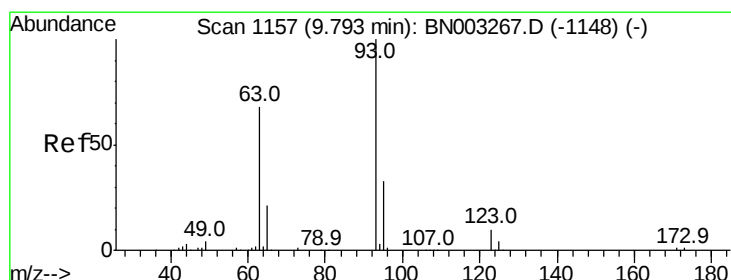
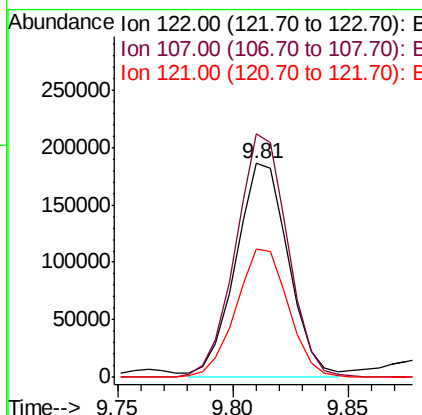
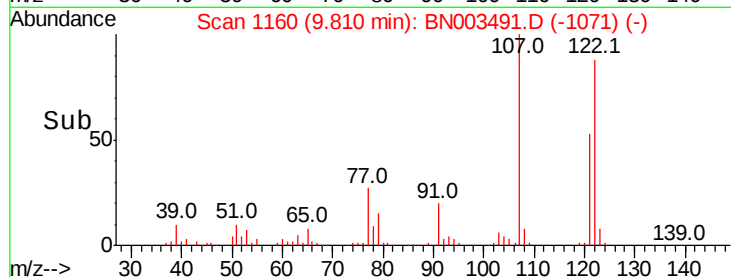
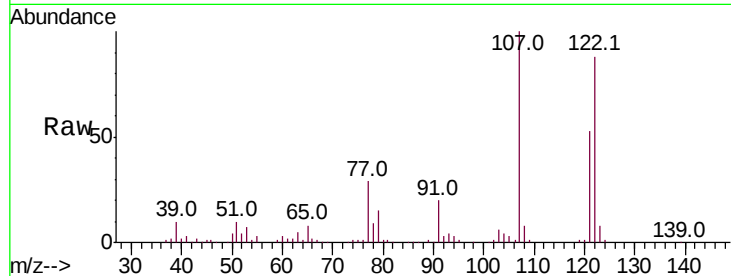
#27
2,4-Dimethylphenol
Concen: 54.441 ng
RT: 9.81 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampled :
PB114671BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	113.7	87.8	131.6
121	60.3	46.9	70.3

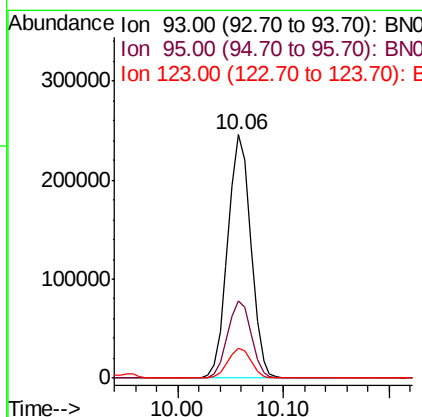
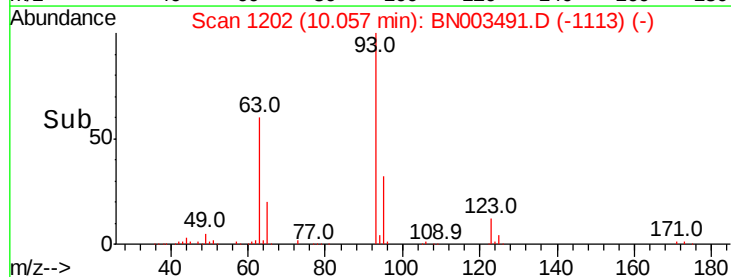
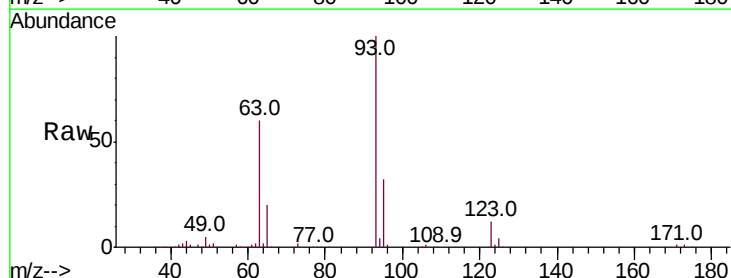
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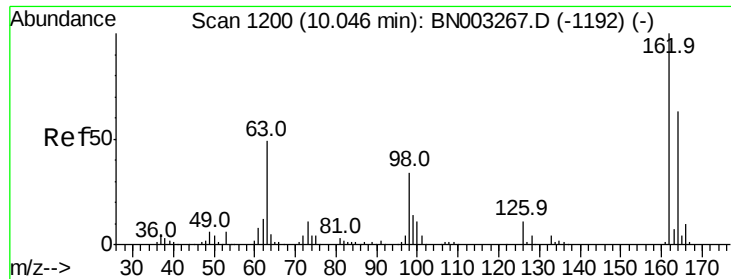
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#28
bis(2-Chloroethoxy)methane
Concen: 43.832 ng
RT: 10.06 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.7	26.2	39.4
123	12.3	9.1	13.7





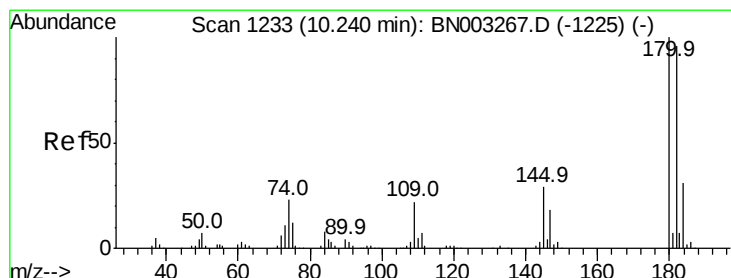
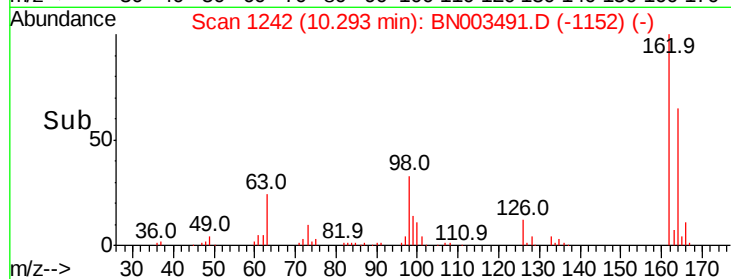
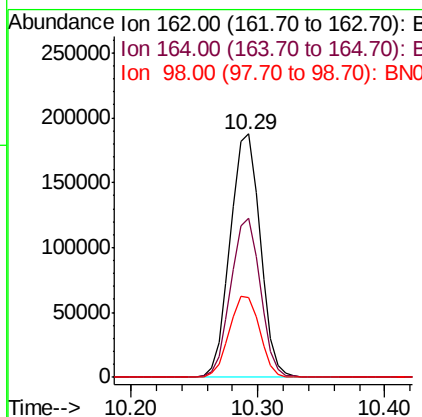
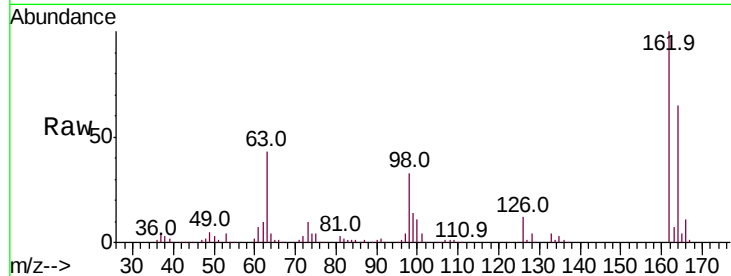
#29
 2,4-Dichlorophenol
 Concen: 49.521 ng
 RT: 10.29 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Instrument :
 BNA_N
 ClientSampleID :
 PB114671BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.2	42.5	82.5
98	33.0	14.0	54.0

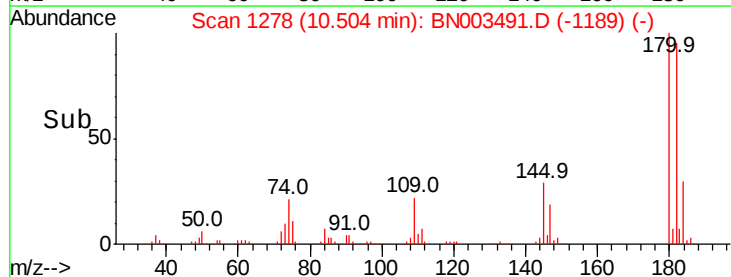
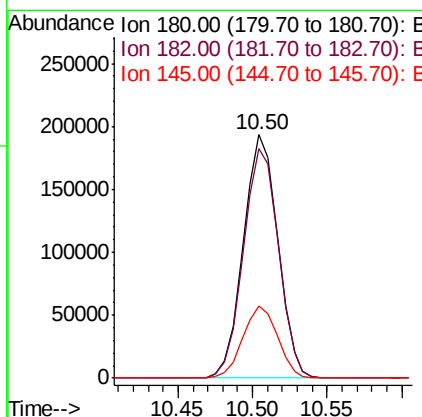
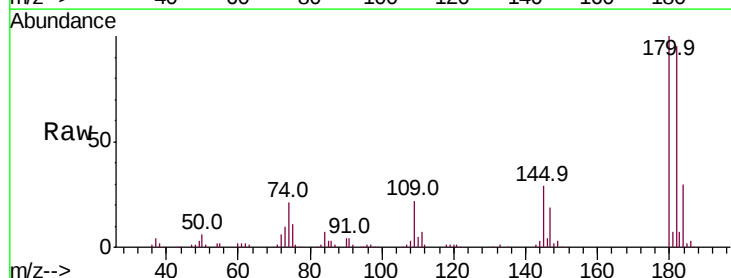
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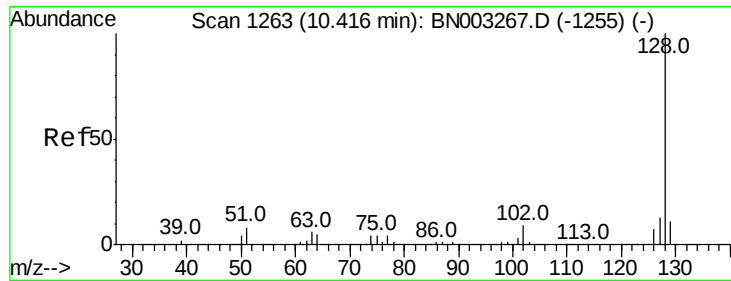
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.746 ng
 RT: 10.50 min Scan# 1278
 Delta R.T. -0.01 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.5	76.4	114.6
145	29.4	23.6	35.4





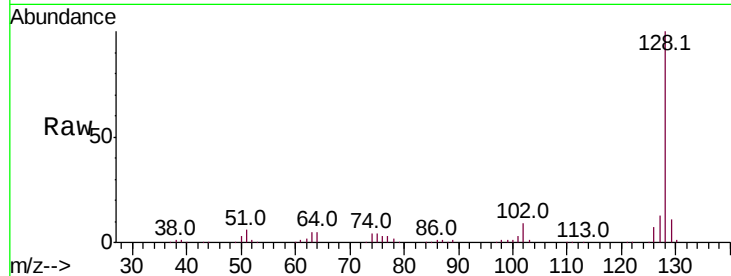
#31
Naphthalene
Concen: 46.269 ng
RT: 10.70 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.6
127	13.0	10.4	15.6

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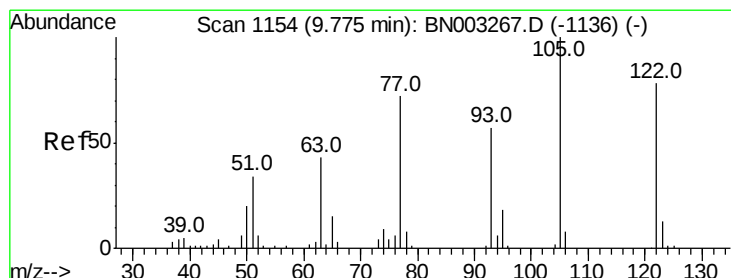
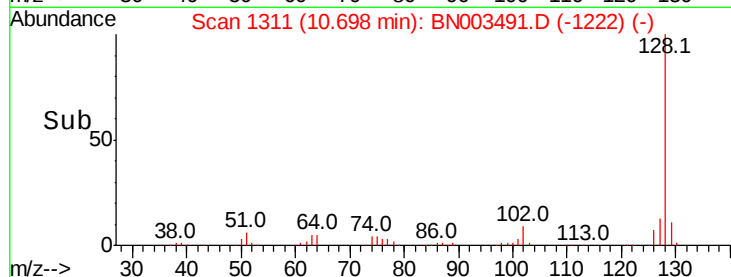
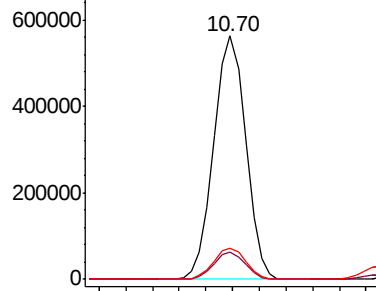


Abundance

Ion 128.00 (127.70 to 128.70): E

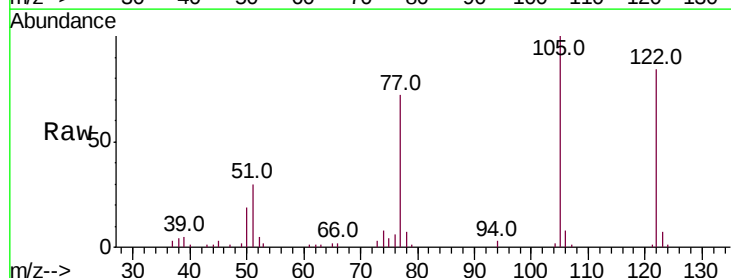
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 41.379 ng
RT: 9.95 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.0	106.8	146.8
77	86.0	71.9	111.9

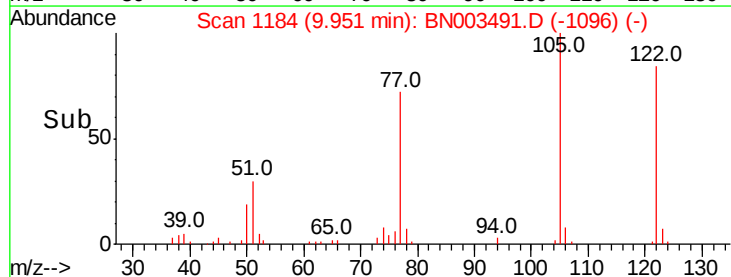
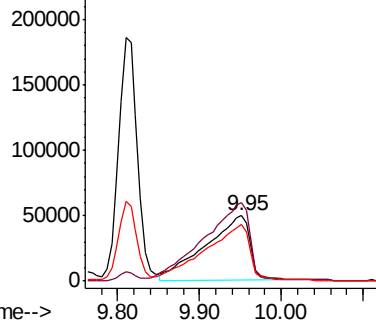


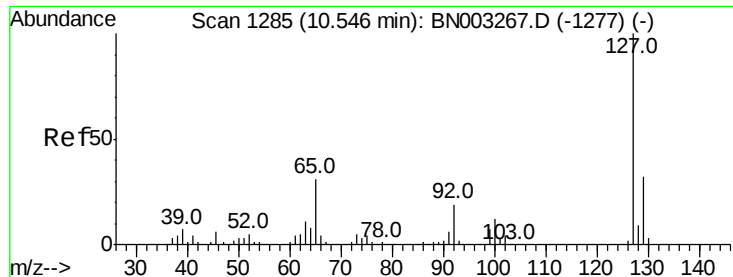
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNO





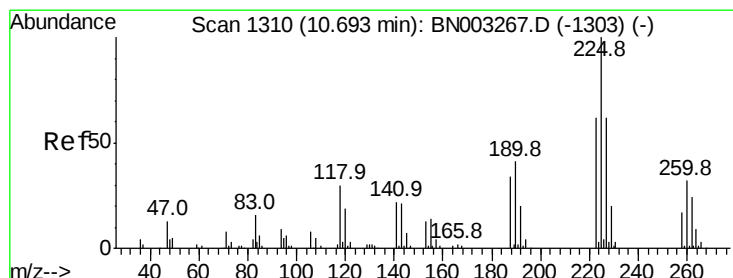
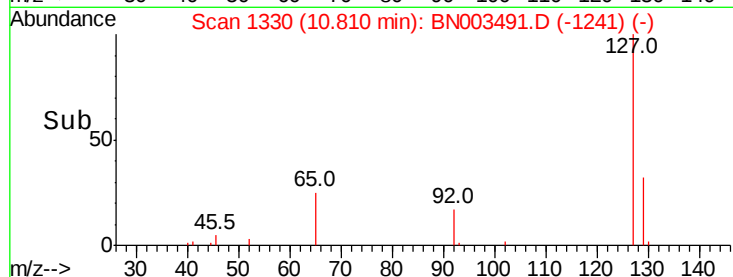
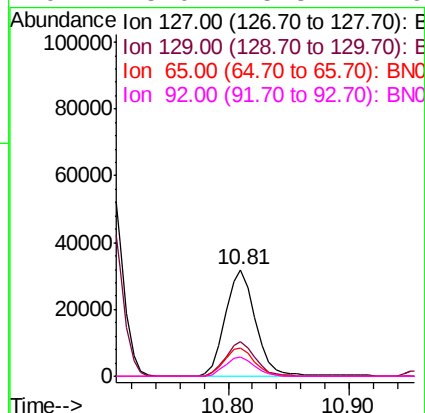
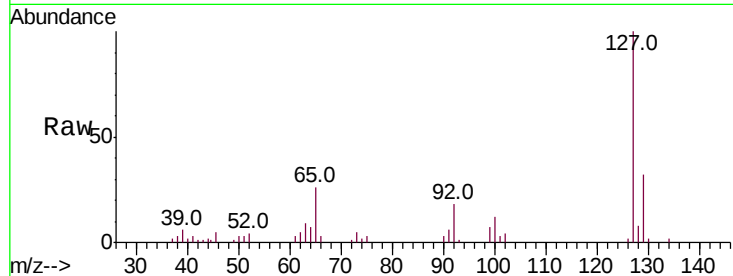
#33
4-Chloroaniline
Concen: 6.265 ng
RT: 10.81 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampled :
PB114671BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.8	38.6
65	26.0	24.6	36.8
92	18.0	15.3	22.9

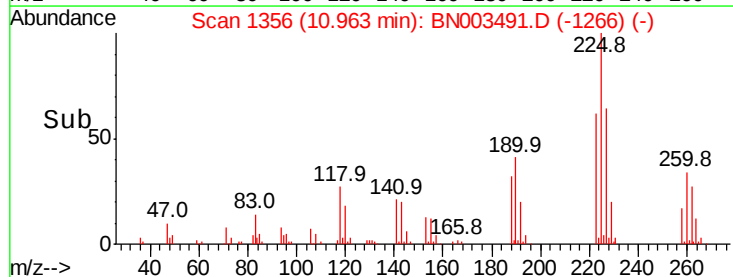
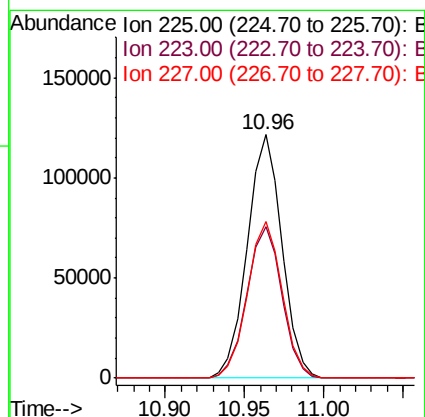
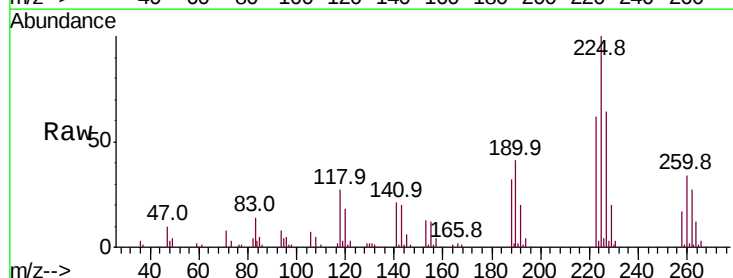
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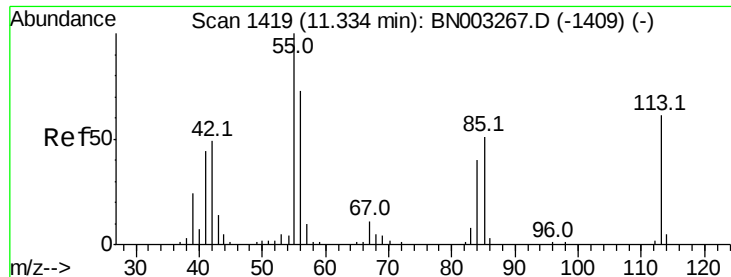
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#34
Hexachlorobutadiene
Concen: 43.928 ng
RT: 10.96 min Scan# 1356
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.0	49.8	74.8
227	64.1	49.6	74.4





#35

Caprolactam

Concen: 36.901 ng/mL

RT: 11.60 min Scan# 1464

Delta R.T. -0.02 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleID :

PB114671BSD

Tot Ion:113 Resp: 89702

Ion Ratio Lower Upper

113 100

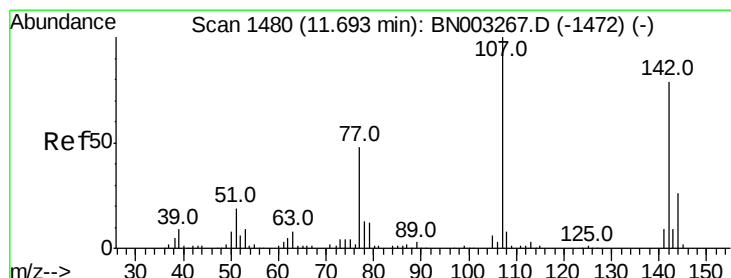
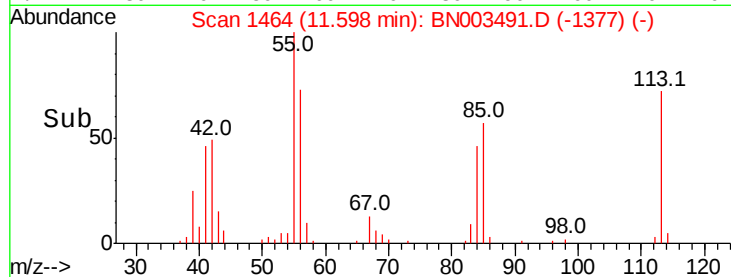
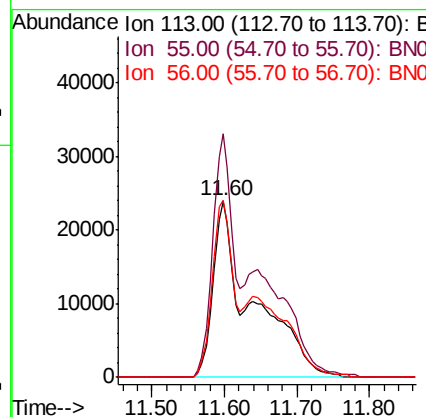
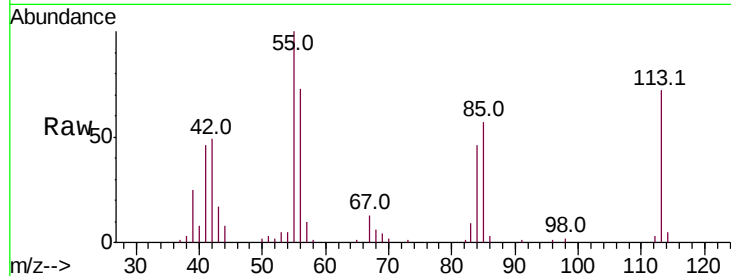
55 138.3 144.2 184.2#

56 100.5 100.6 140.6#

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#36

4-Chloro-3-methylphenol

Concen: 43.808 ng/mL

RT: 11.92 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

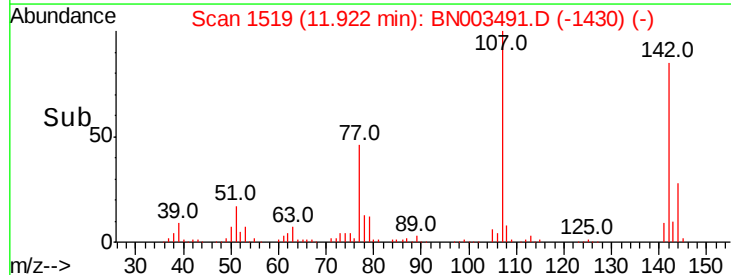
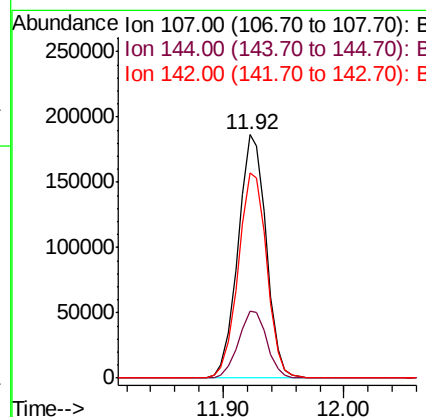
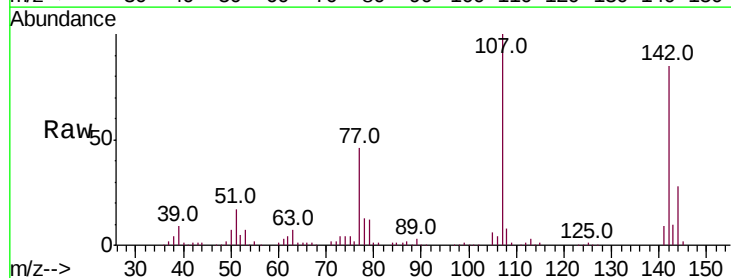
Tgt Ion:107 Resp: 303333

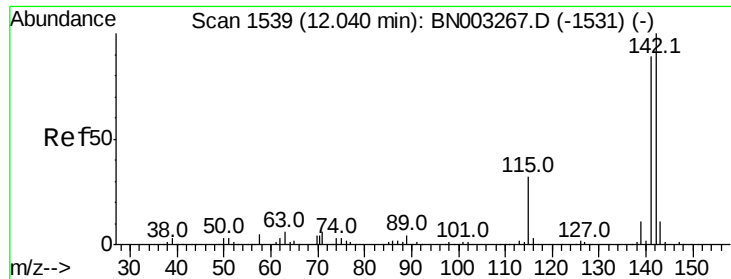
Ion Ratio Lower Upper

107 100

144 27.5 20.8 31.2

142 84.5 63.5 95.3





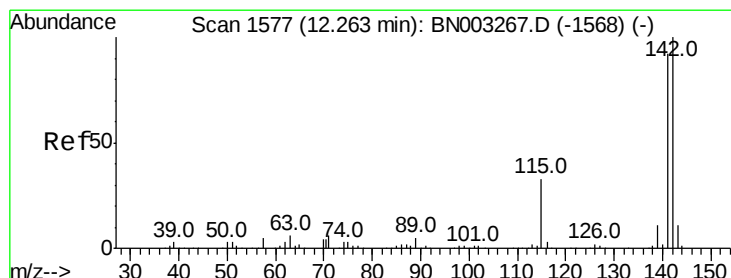
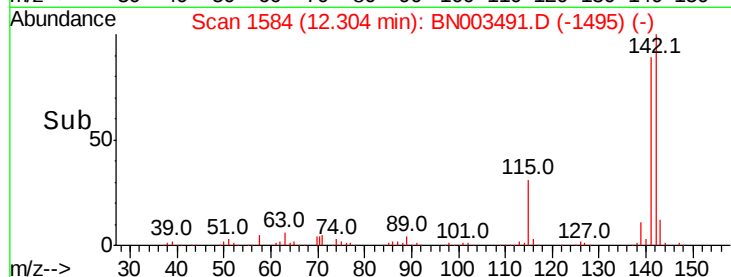
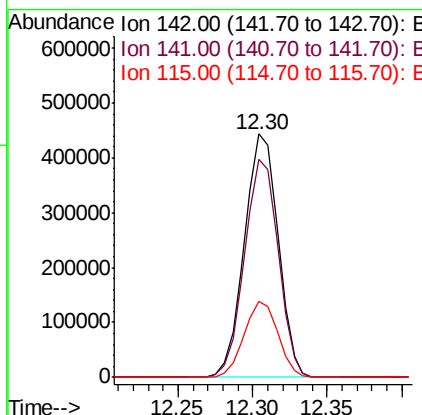
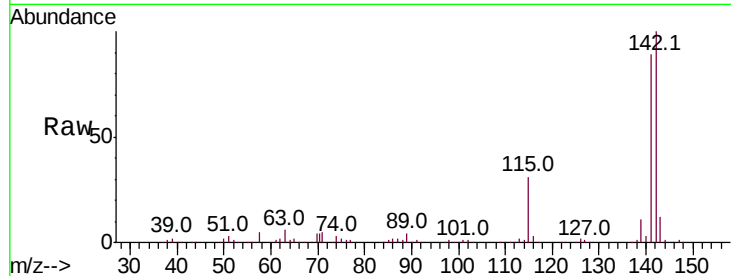
#37
2-Methylnaphthalene
Concen: 48.230 ng
RT: 12.30 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.6	107.4
115	31.4	25.5	38.3

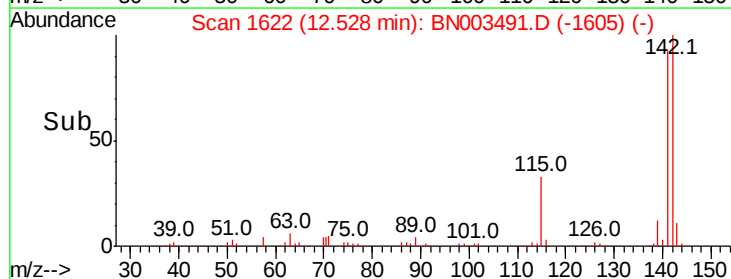
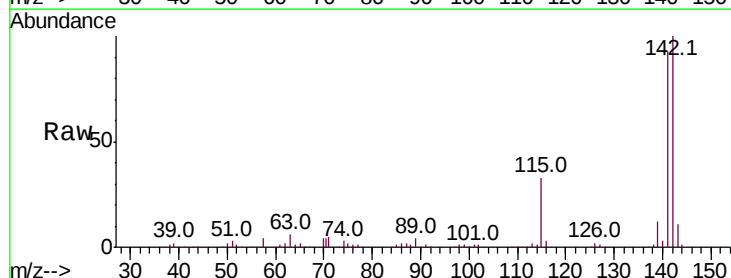
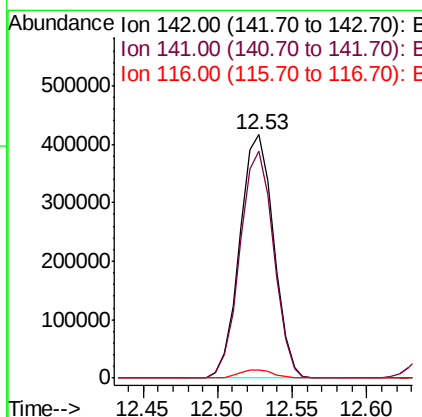
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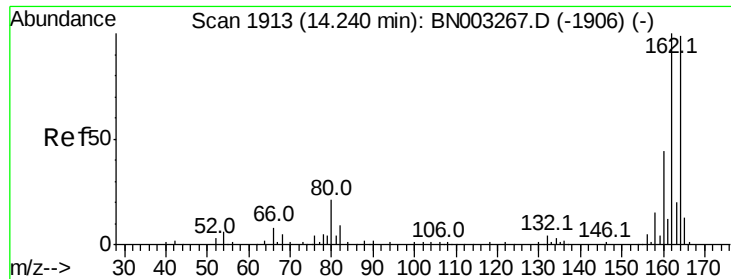
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#38
1-Methylnaphthalene
Concen: 46.501 ng
RT: 12.53 min Scan# 1622
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	73.6	110.4
116	3.4	2.8	4.2





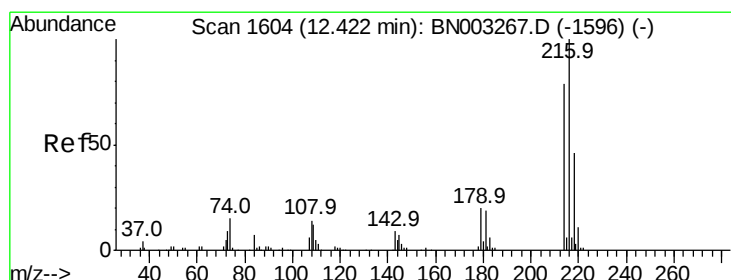
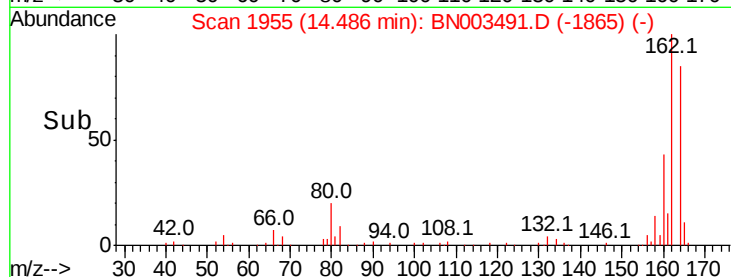
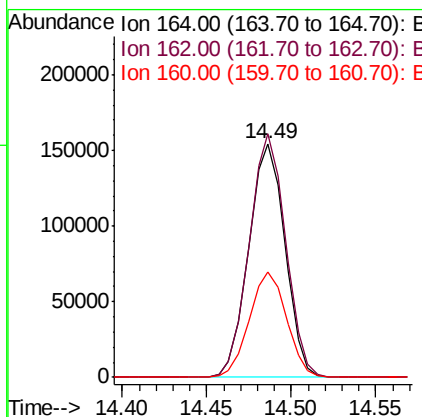
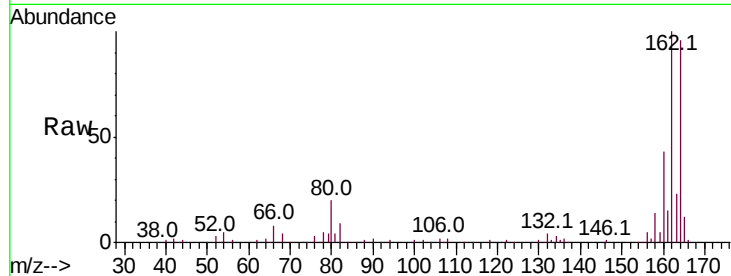
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.49 min Scan# 1955
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.3	80.8	121.2
160	45.3	35.5	53.3

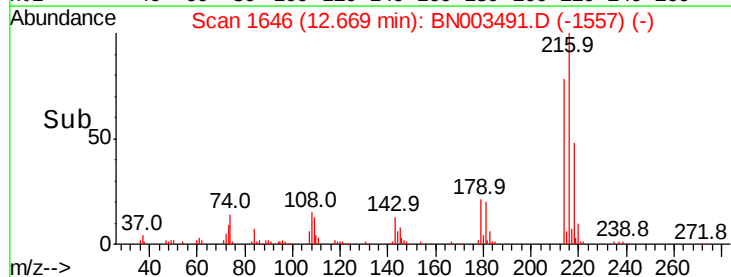
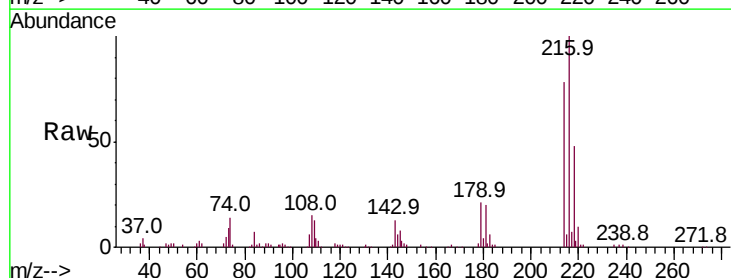
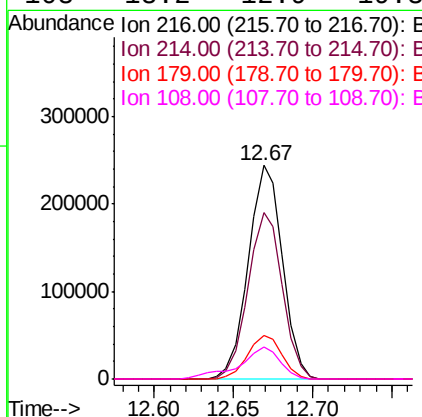
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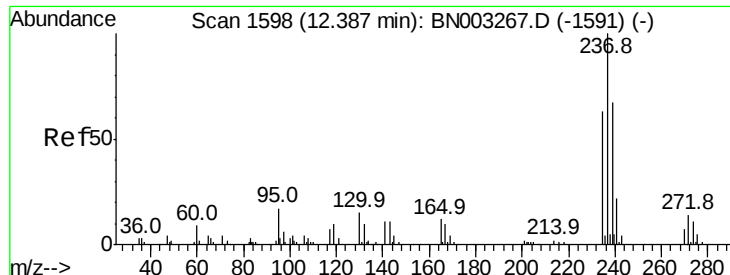
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.860 ng
RT: 12.67 min Scan# 1646
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.2	62.8	94.2
179	20.4	16.0	24.0
108	18.2	12.9	19.3





#41

Hexachlorocyclopentadiene

Concen: 142.379 ng

RT: 12.64 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

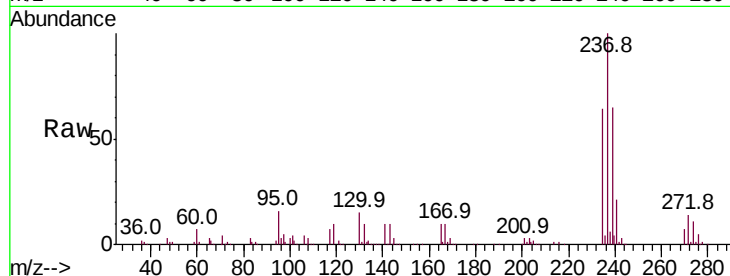
ClientSampleId :

PB114671BSD

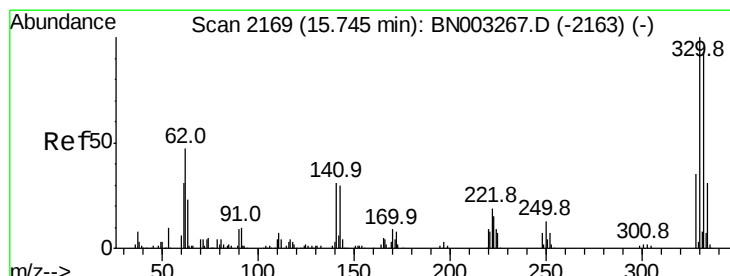
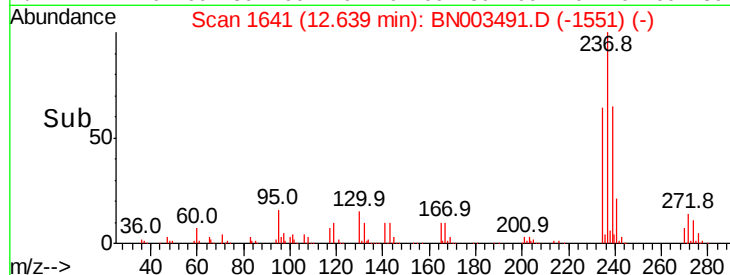
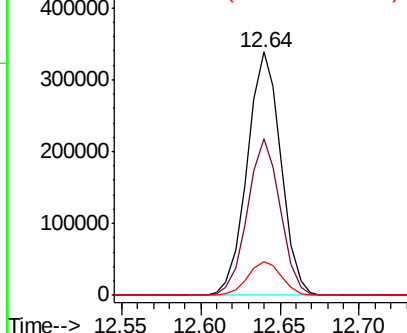
Tot Ion:	237	Resp:	497221
Ion Ratio	Lower	Upper	
237	100		
235	64.1	42.8	82.8
272	13.9	0.0	33.5

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 106.509 ng

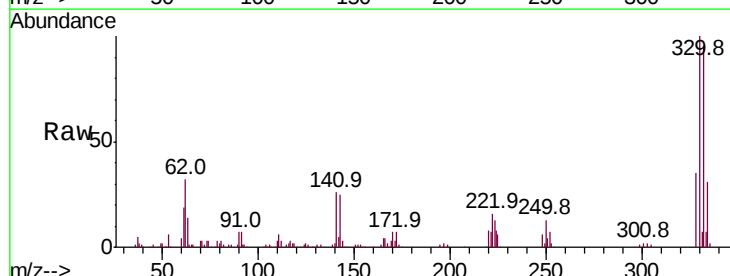
RT: 15.97 min Scan# 2208

Delta R.T. -0.01 min

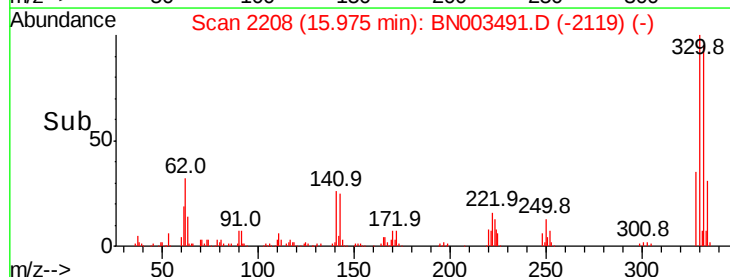
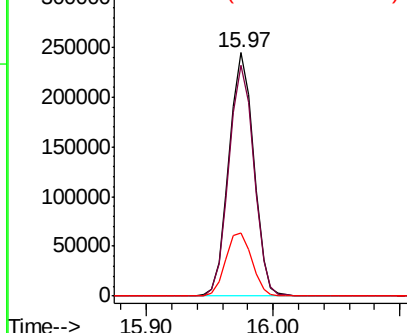
Lab File: BN003491.D

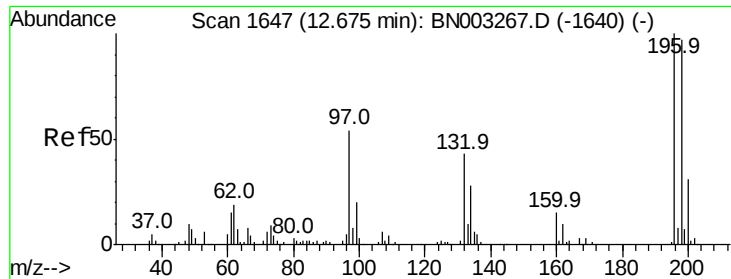
Acq: 10 Nov 2018 02:23

Tgt Ion:	330	Resp:	330941
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.6	114.8
141	27.4	24.5	36.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





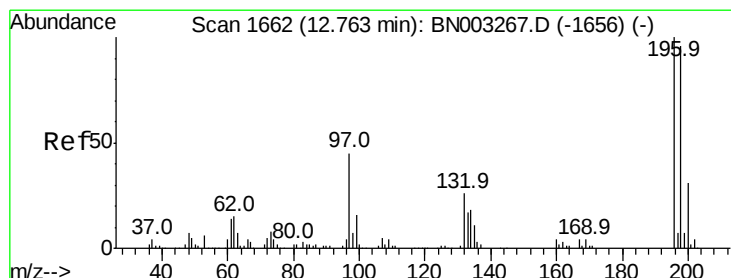
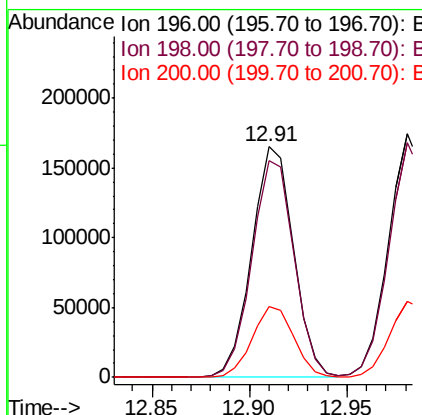
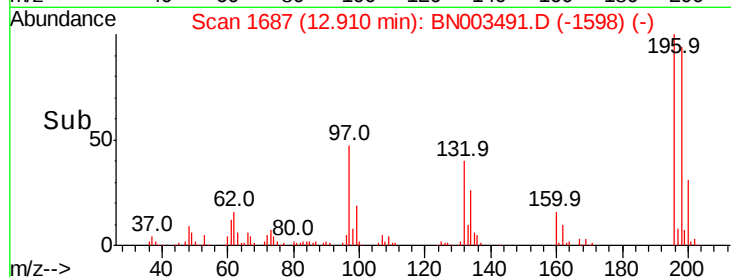
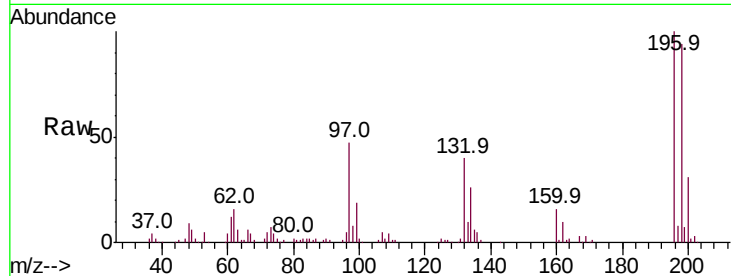
#43
 2,4,6-Trichlorophenol
 Concen: 50.867 ng
 RT: 12.91 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Instrument :
 BNA_N
 ClientSampleId :
 PB114671BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	245334		
198	94.1	77.4	116.0	
200	30.5	25.0	37.6	

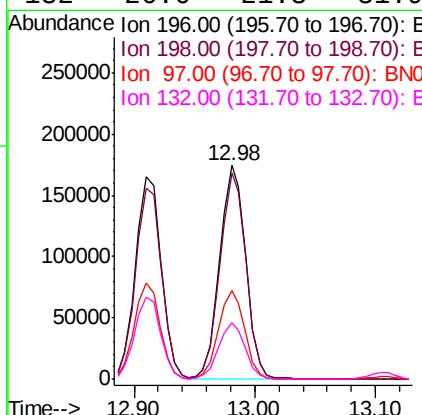
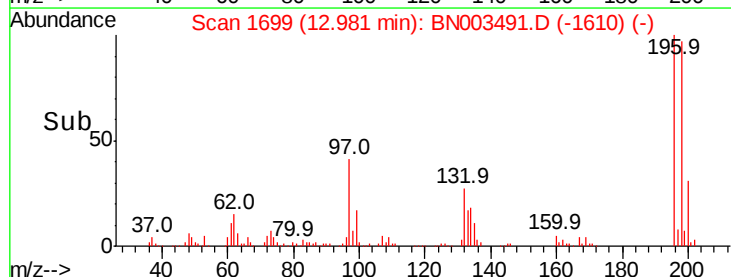
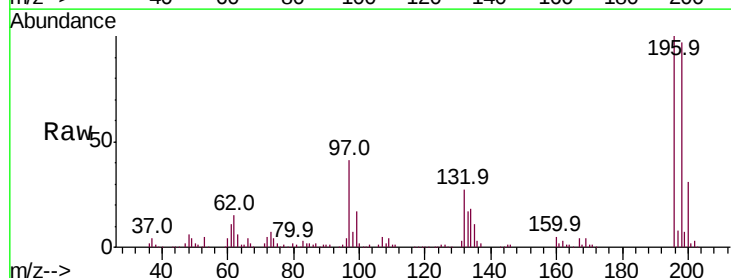
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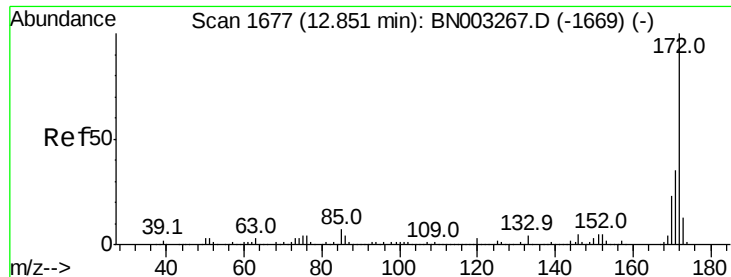
Sohil
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#44
 2,4,5-Trichlorophenol
 Concen: 51.800 ng
 RT: 12.98 min Scan# 1699
 Delta R.T. -0.01 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	260594		
198	96.6	76.8	115.2	
97	41.2	35.8	53.8	
132	26.6	21.3	31.9	





#45

2-Fluorobiphenyl

Concen: 104.771 ng

RT: 13.10 min Scan# 1720

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

Tot Ion:172 Resp: 1782342

Ion Ratio Lower Upper

172 100

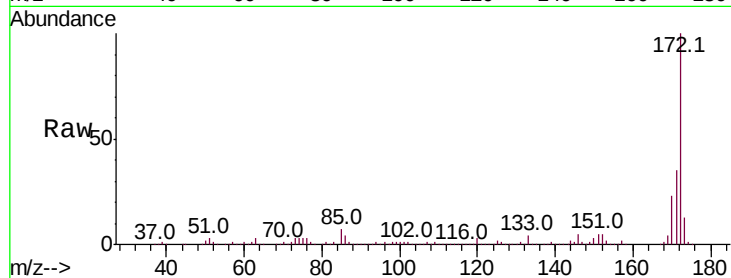
171 35.5 28.2 42.4

170 23.4 18.4 27.6

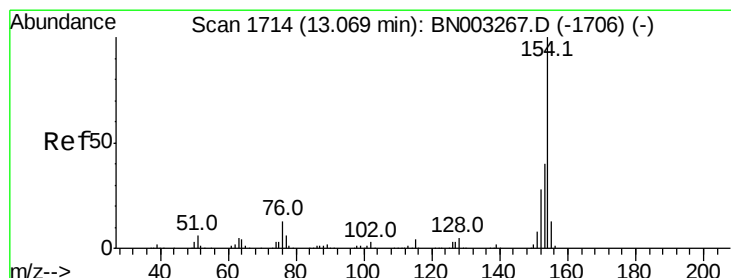
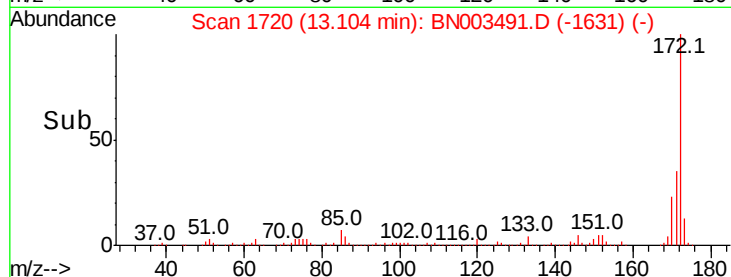
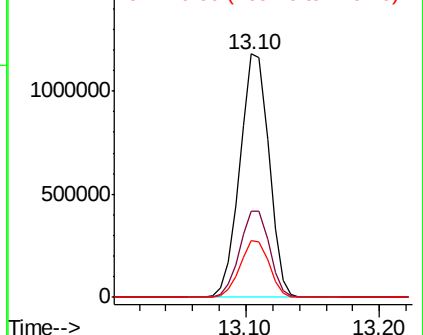
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Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 43.463 ng

RT: 13.32 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

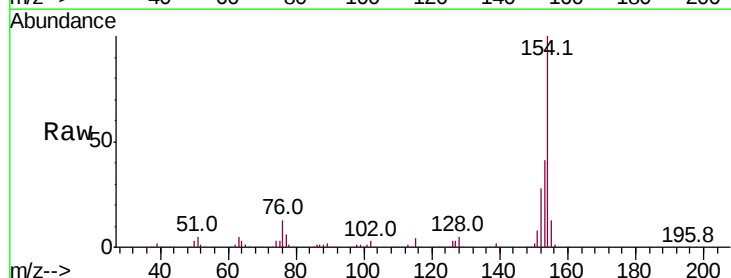
Tgt Ion:154 Resp: 880235

Ion Ratio Lower Upper

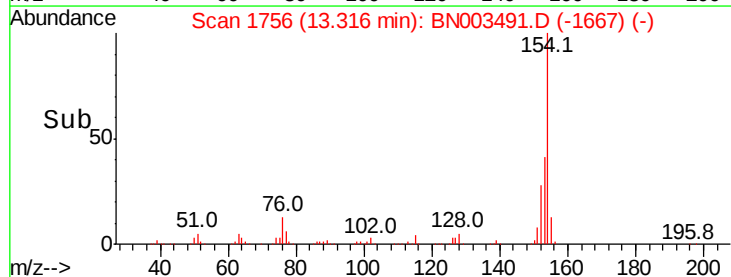
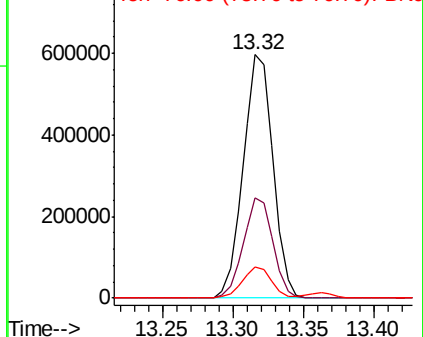
154 100

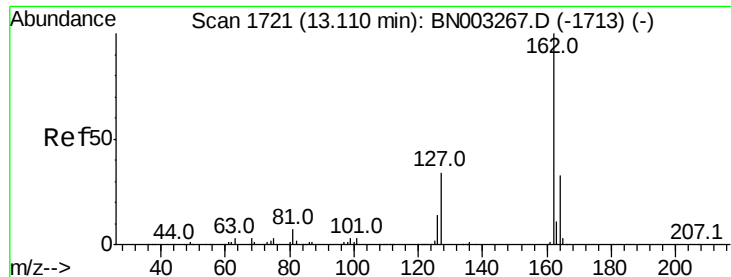
153 41.2 20.5 60.5

76 12.7 0.0 33.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BNC





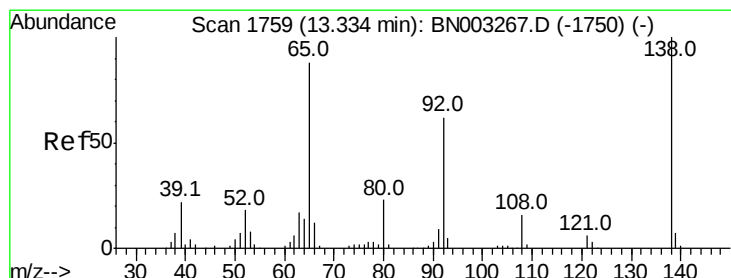
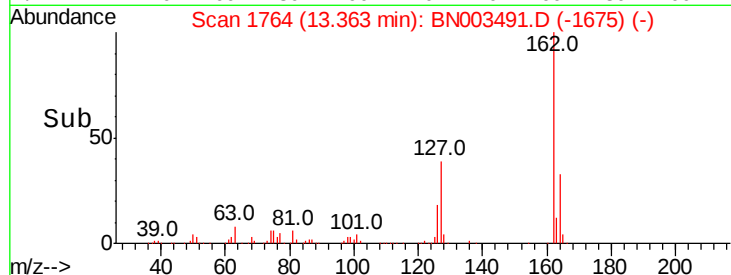
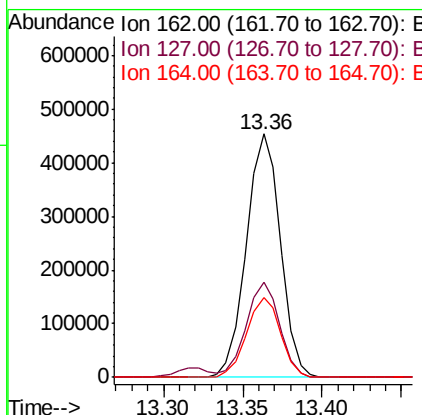
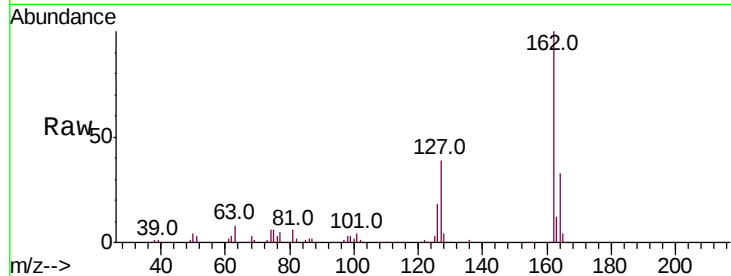
#47
2-Chloronaphthalene
Concen: 45.317 ng
RT: 13.36 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	29.8	44.6
164	32.8	26.3	39.5

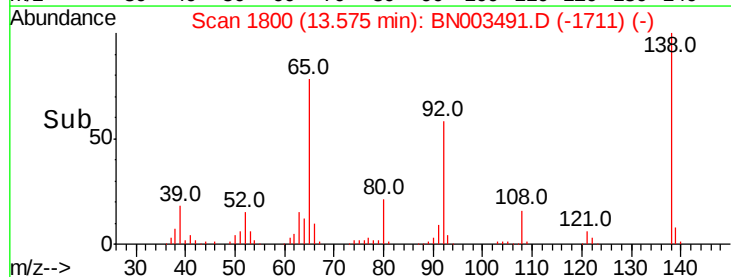
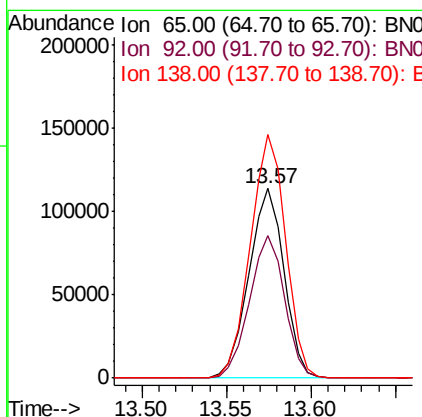
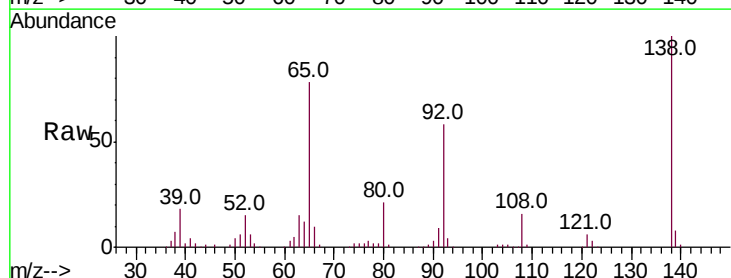
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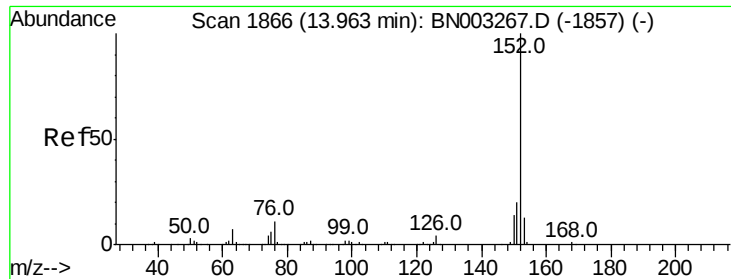
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#48
2-Nitroaniline
Concen: 37.657 ng
RT: 13.57 min Scan# 1800
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.0	56.1	84.1
138	128.4	90.6	136.0





#49

Acenaphthylene

Concen: 47.643 ng

RT: 14.21 min Scan# 1908

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

Tot Ion:152 Resp: 1089393

Ion Ratio Lower Upper

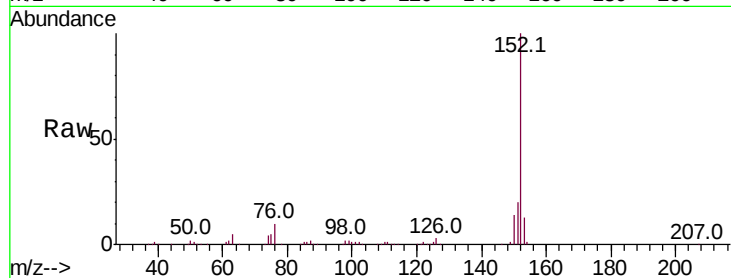
152 100

151 19.9 15.8 23.6

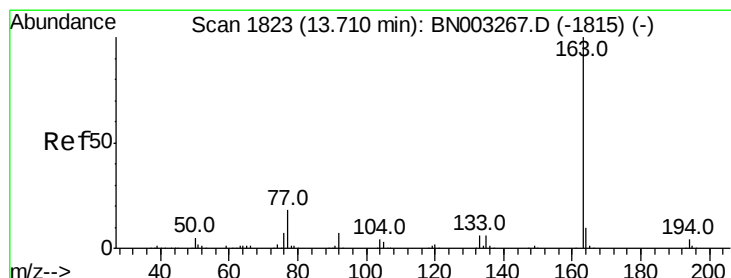
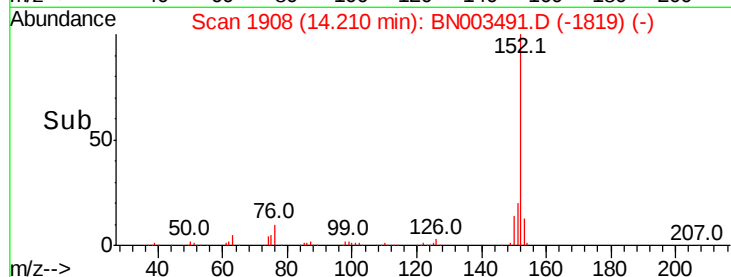
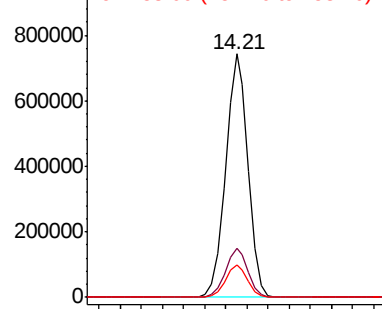
153 13.1 10.3 15.5

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Abundance Ion 152.00 (151.70 to 152.70): E
1000000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 45.019 ng

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

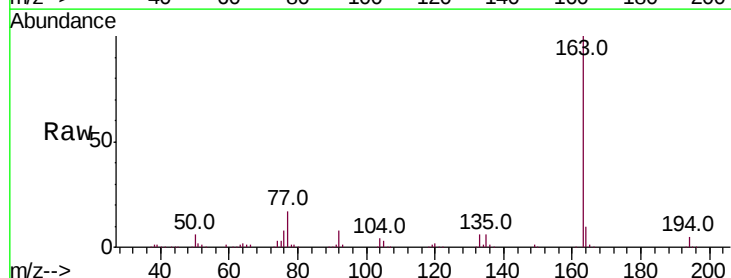
Tgt Ion:163 Resp: 839954

Ion Ratio Lower Upper

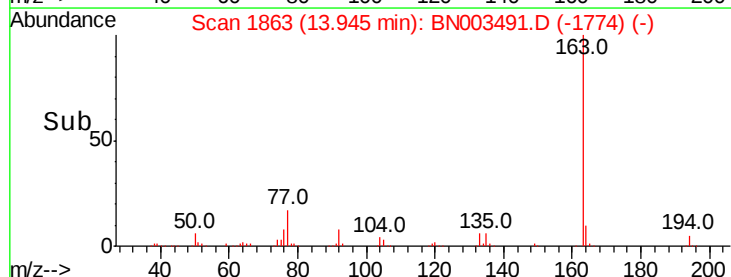
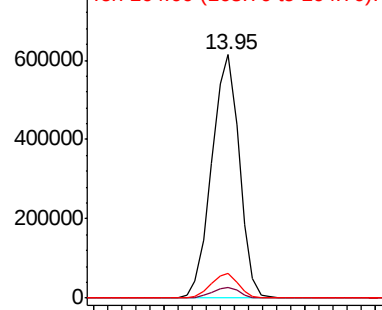
163 100

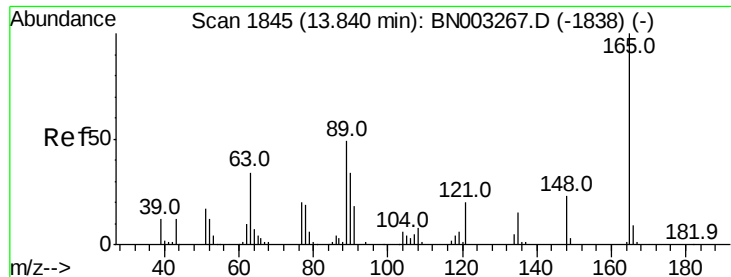
194 4.5 3.4 5.2

164 10.0 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E
800000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 43.651 ng

RT: 14.07 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

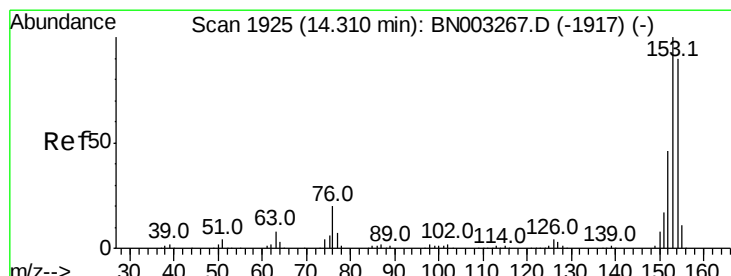
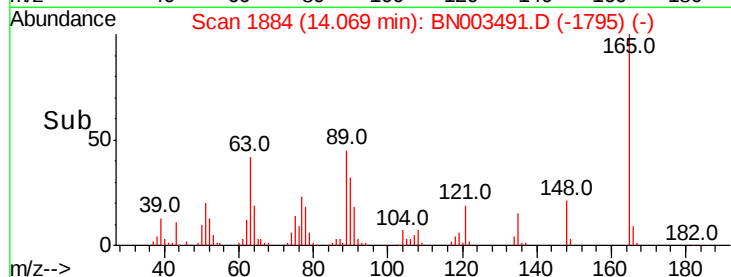
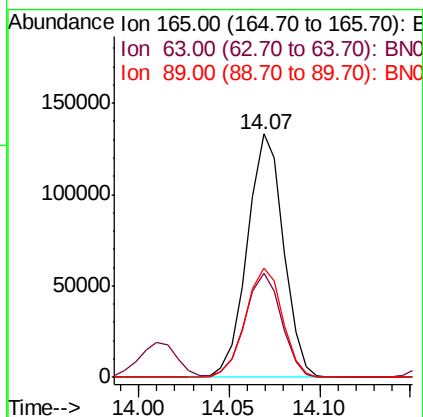
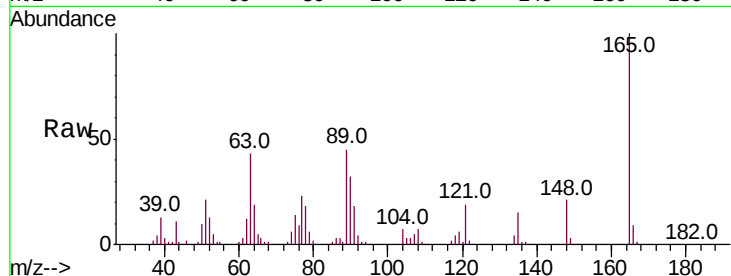
ClientSampleId :

PB114671BSD

Tot Ion:	165	Resp:	184848
Ion Ratio	Lower	Upper	
165	100		
63	42.7	39.2	58.8
89	44.9	38.9	58.3

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#52

Acenaphthene

Concen: 45.059 ng

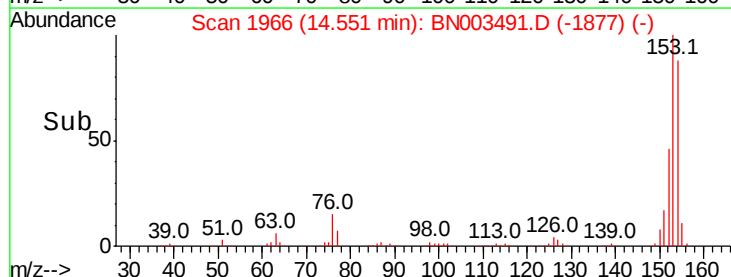
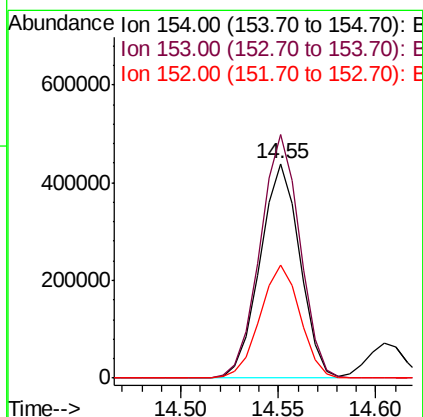
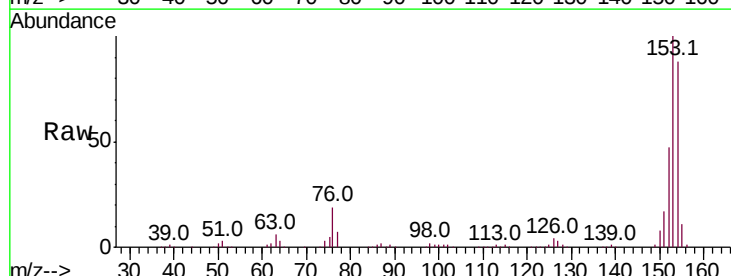
RT: 14.55 min Scan# 1966

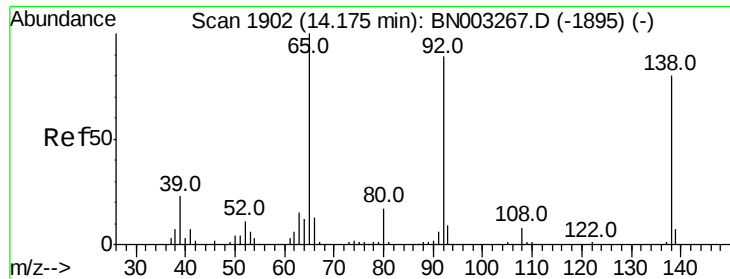
Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Tgt Ion:	154	Resp:	624266
Ion Ratio	Lower	Upper	
154	100		
153	113.5	89.3	133.9
152	52.8	41.2	61.8





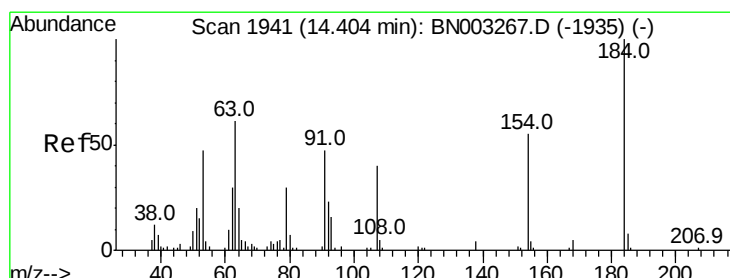
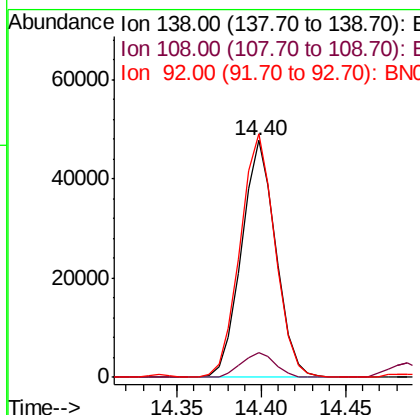
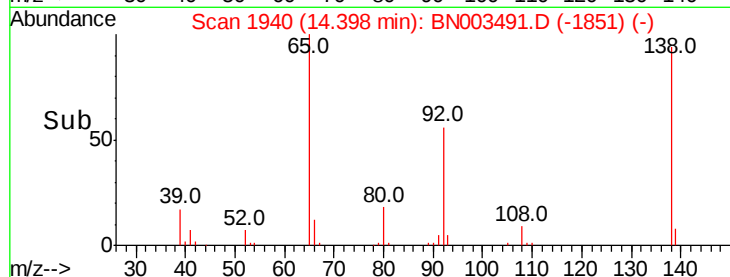
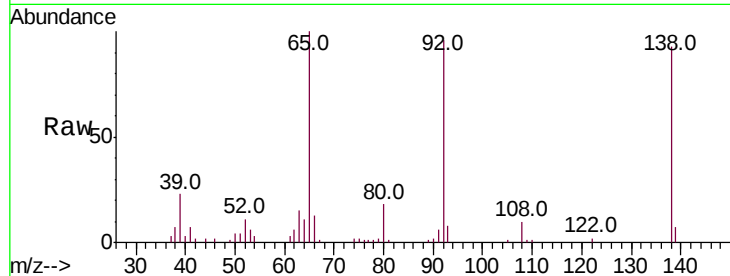
#53
3-Nitroaniline
Concen: 14.895 ng
RT: 14.40 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	8.4	12.6
92	102.8	89.6	134.4

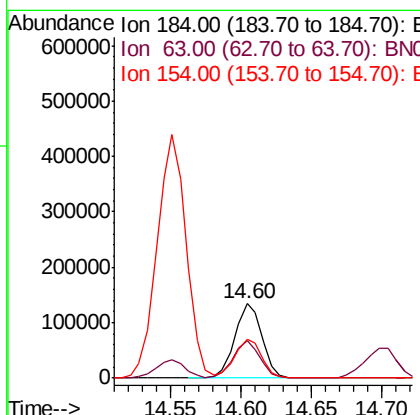
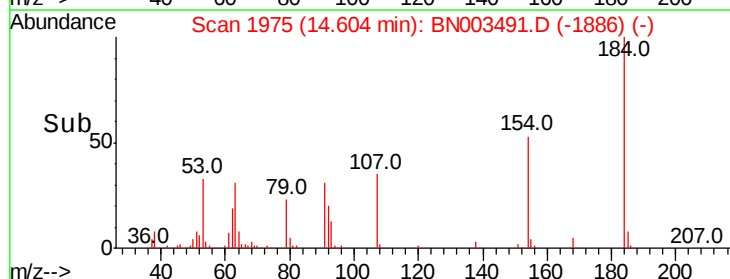
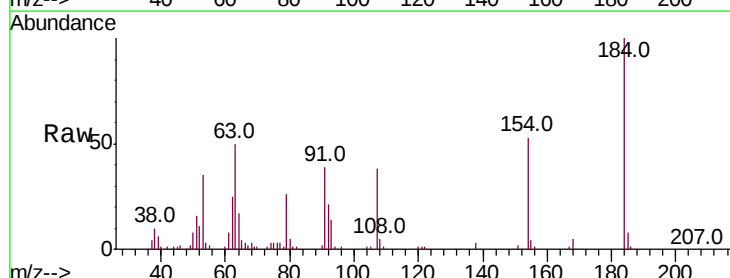
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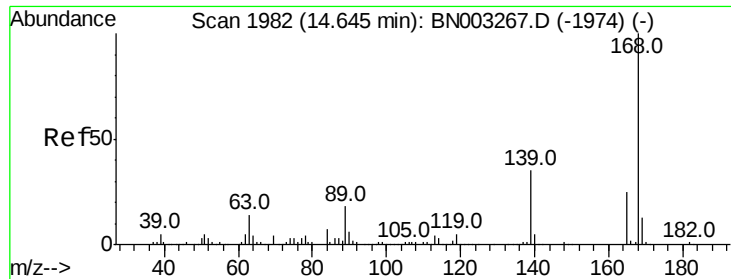
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#54
2,4-Dinitrophenol
Concen: 74.854 ng
RT: 14.60 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	50.3	49.0	73.4
154	53.0	44.2	66.2





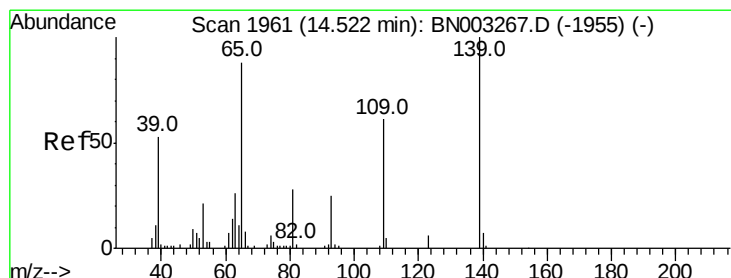
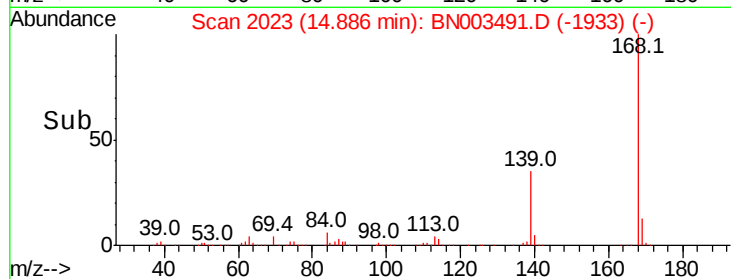
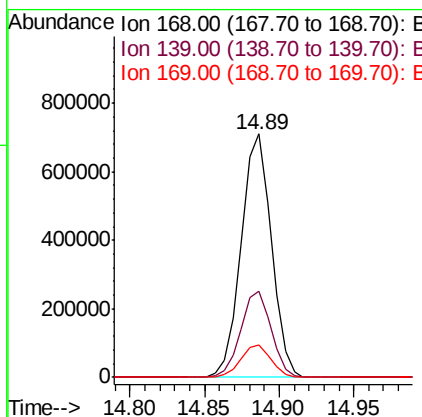
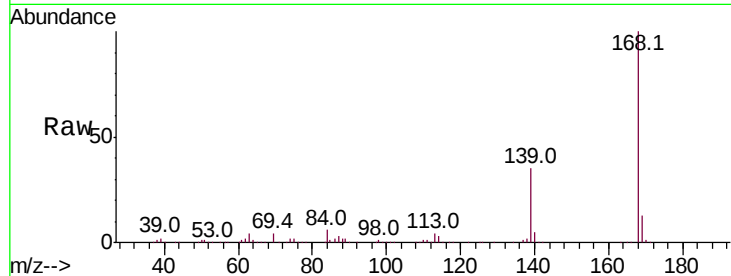
#55
Dibenzenofuran
Concen: 44.184 ng
RT: 14.89 min Scan# 2023
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	995901		
139	35.3	28.5	42.7	
169	13.3	10.3	15.5	

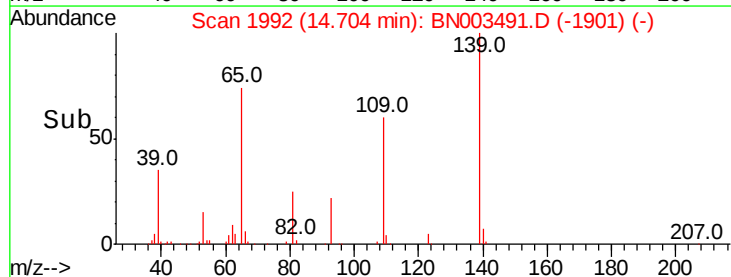
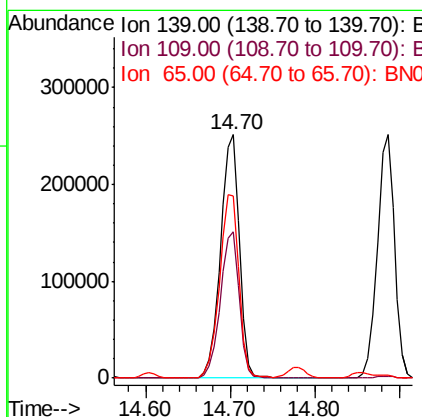
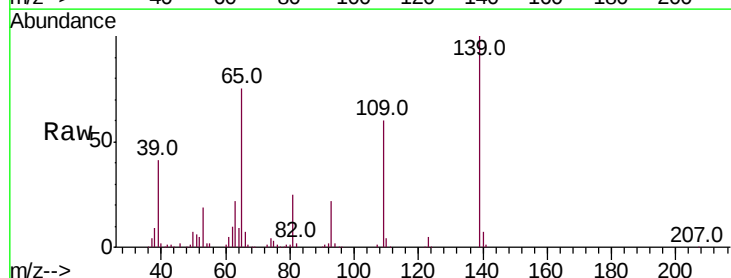
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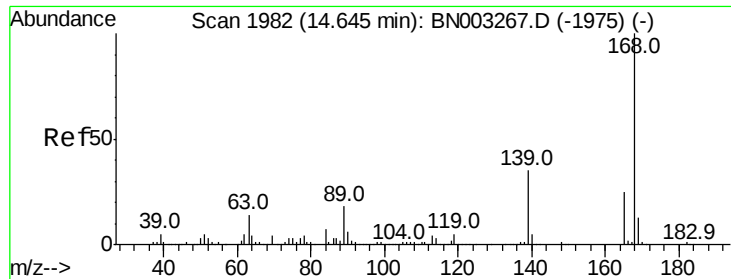
Sohil
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#56
4-Nitrophenol
Concen: 117.047 ng
RT: 14.70 min Scan# 1992
Delta R.T. 0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	390699		
109	60.0	40.7	80.7	
65	74.9	68.0	108.0	





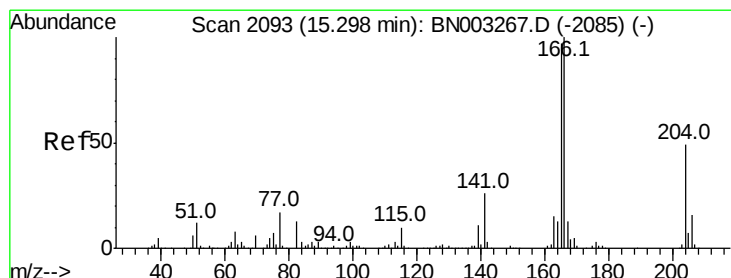
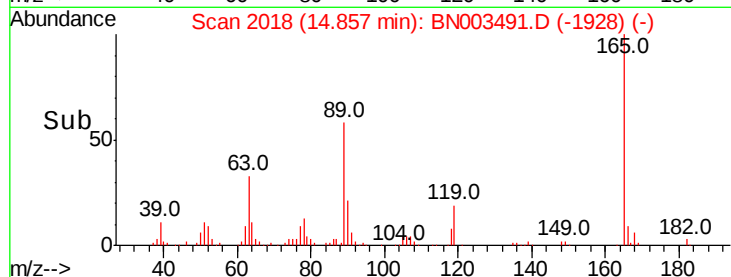
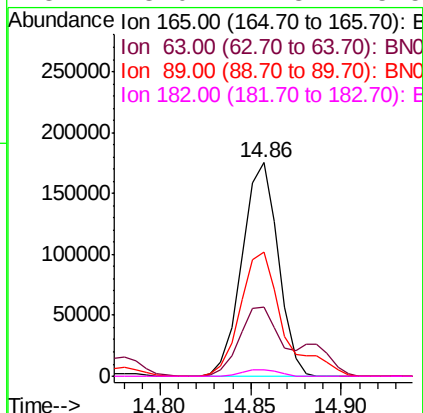
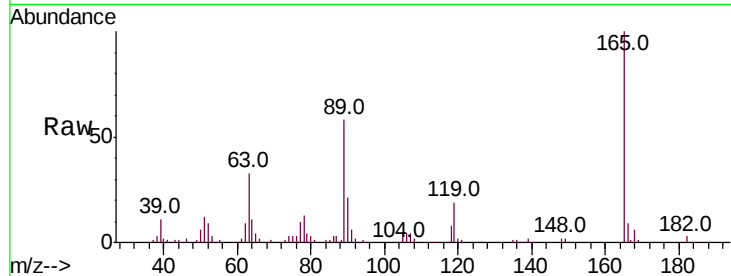
#57
2,4-Dinitrotoluene
Concen: 42.344 ng
RT: 14.86 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	243132		
63	32.7	45.8	68.6#	
89	57.9	58.7	88.1#	
182	3.0	2.3	3.5	

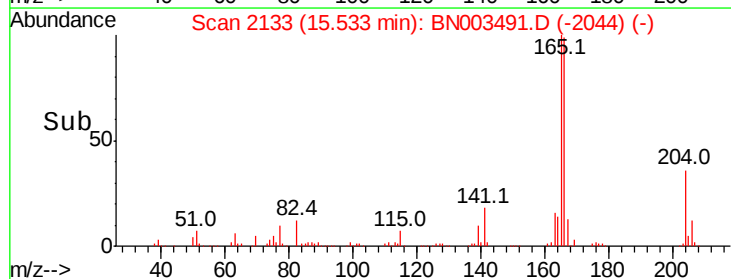
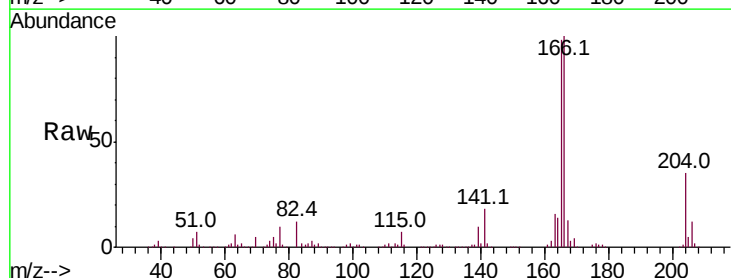
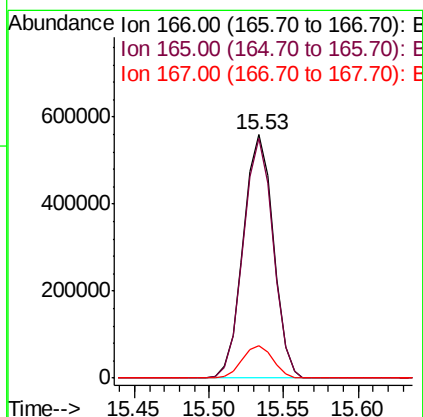
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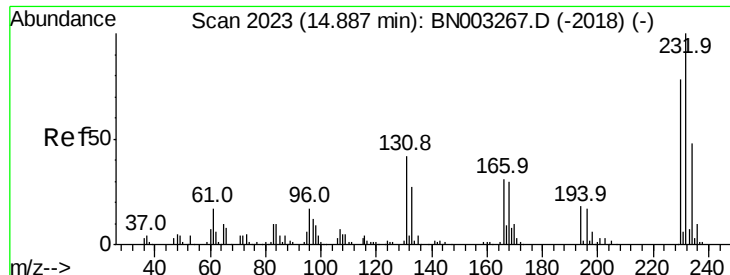
Sohil
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#58
Fluorene
Concen: 44.909 ng
RT: 15.53 min Scan# 2133
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	781103		
165	98.5	77.6	116.4	
167	13.5	10.6	16.0	





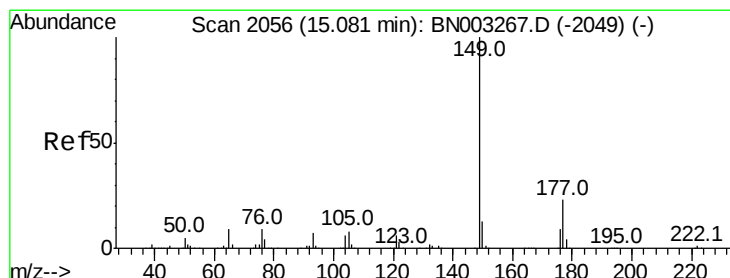
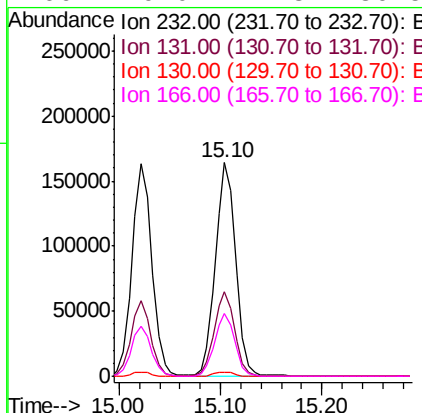
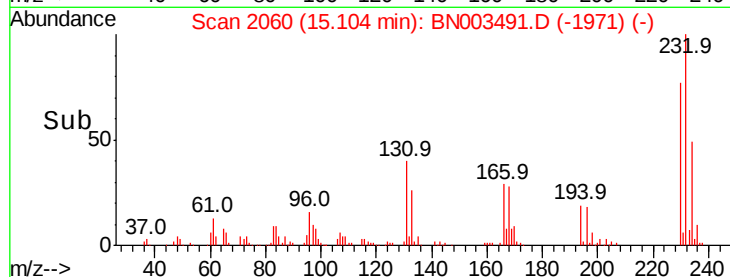
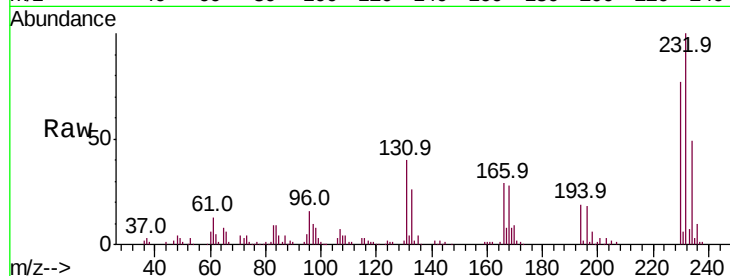
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.709 ng
RT: 15.10 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	228430		
131	39.6		33.7	50.5
130	2.0		1.6	2.4
166	29.0		24.3	36.5

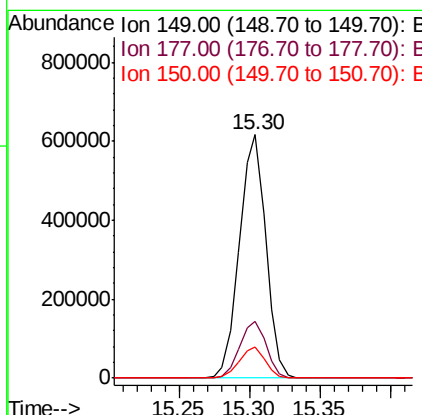
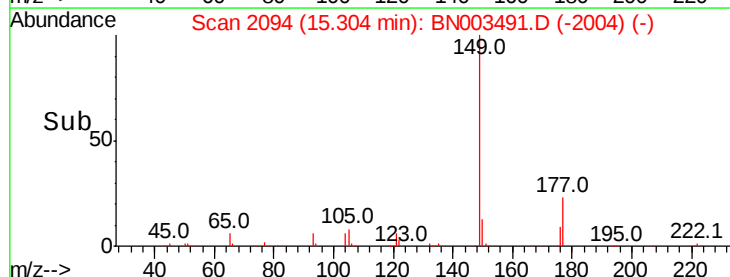
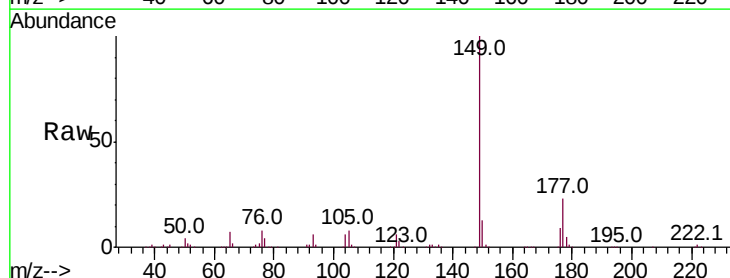
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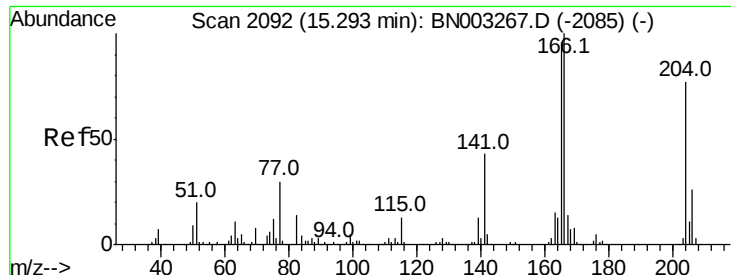
Sohil
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#60
Diethylphthalate
Concen: 42.512 ng
RT: 15.30 min Scan# 2094
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	804896		
177	23.5		18.6	28.0
150	12.8		10.0	15.0





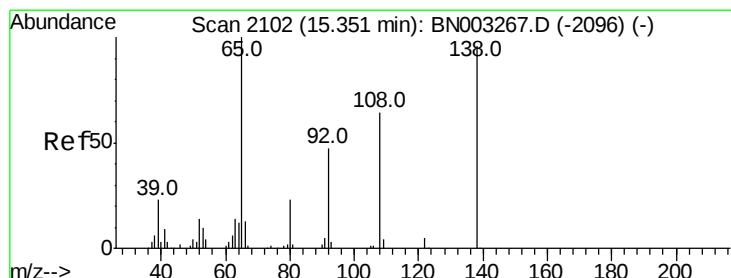
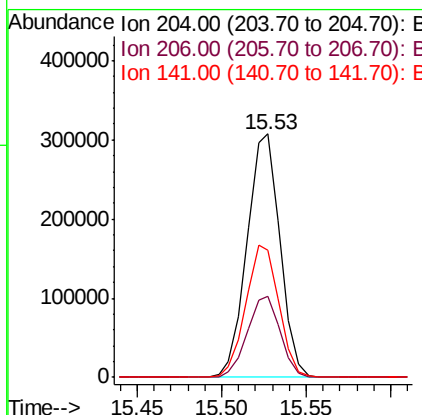
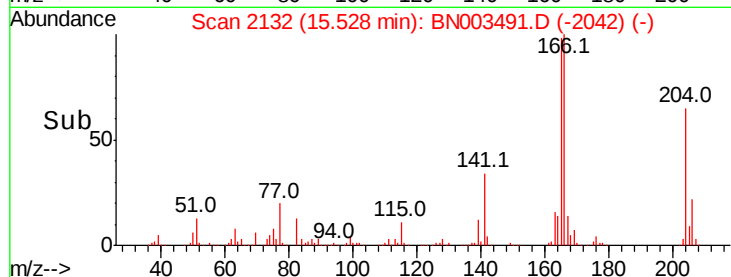
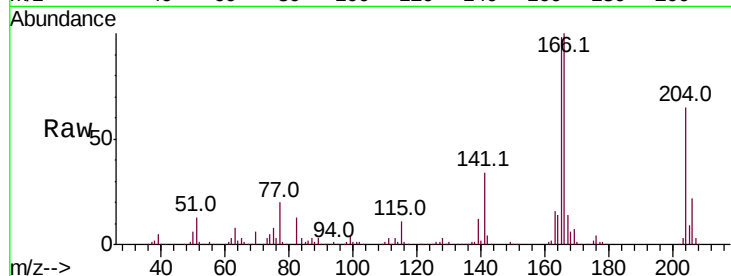
#61
 4-Chlorophenyl-phenylether
 Concen: 43.296 ng
 RT: 15.53 min Scan# 2132
 Delta R.T. -0.00 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Instrument :
 BNA_N
 ClientSampleId :
 PB114671BSD

Tot Ion:	204	Resp:	418385
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.6	39.8
141	52.0	44.6	67.0

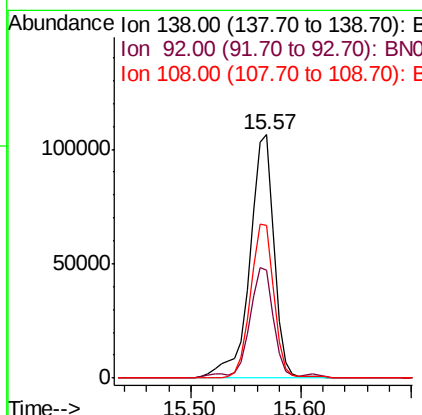
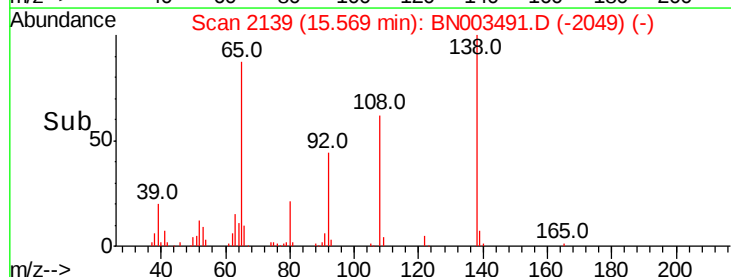
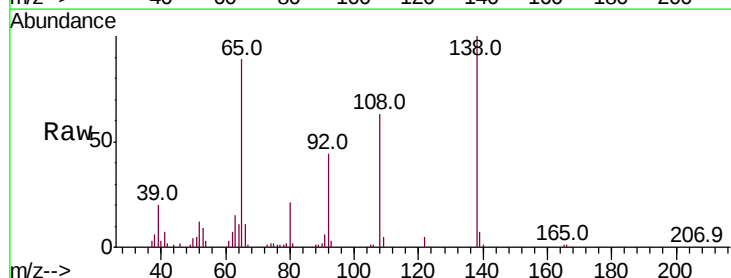
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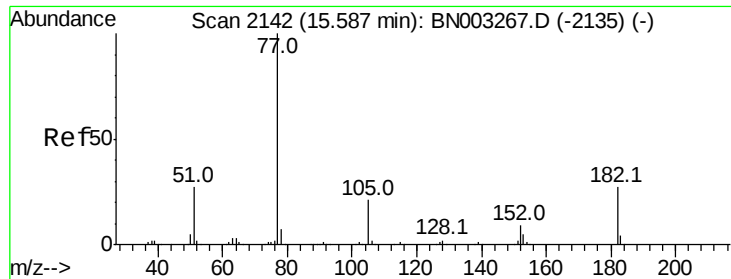
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#62
 4-Nitroaniline
 Concen: 37.338 ng
 RT: 15.57 min Scan# 2139
 Delta R.T. -0.00 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Tgt Ion:	138	Resp:	165128
Ion Ratio	Lower	Upper	
138	100		
92	44.4	27.9	67.9
108	62.8	46.3	86.3





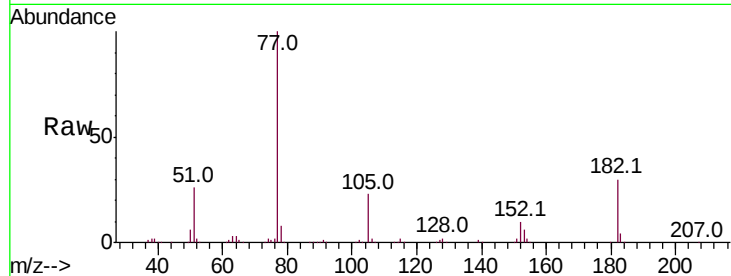
#63
Azobenzene
Concen: 39.093 ng
RT: 15.82 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

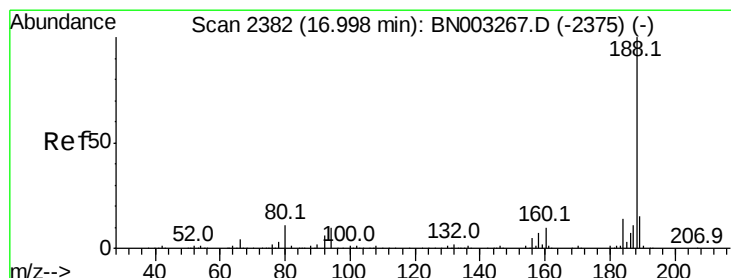
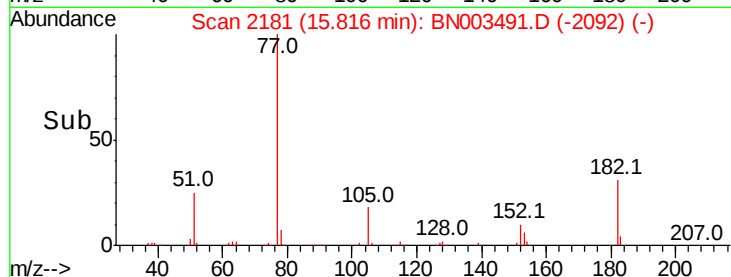
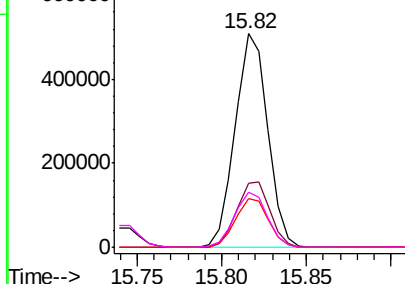
Tot Ion	Ratio	Resp	Lower	Upper
77	100	684051		
182	30.1	6.5	46.5	
105	22.6	1.0	41.0	
51	25.8	7.0	47.0	

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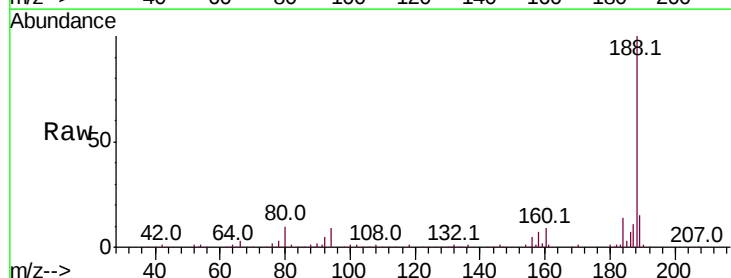


Abundance Ion 77.00 (76.70 to 77.70): BNC
Ion 182.00 (181.70 to 182.70): BNC
Ion 105.00 (104.70 to 105.70): BNC
Ion 51.00 (50.70 to 51.70): BNC

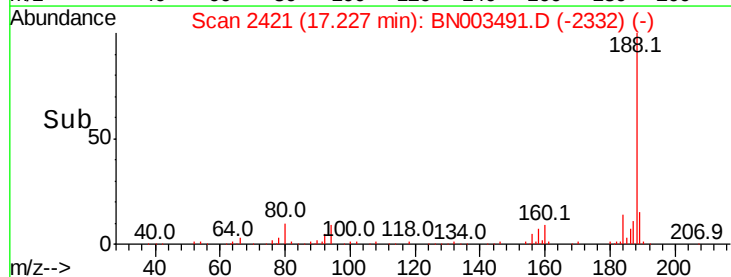
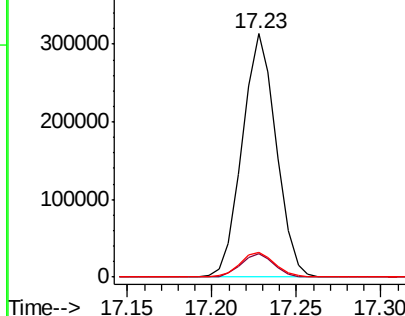


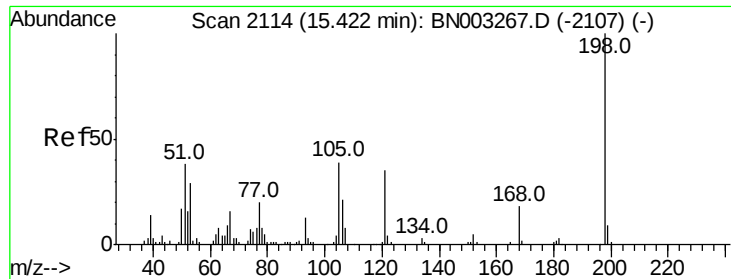
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.23 min Scan# 2421
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	439820		
94	9.4	8.1	12.1	
80	10.2	8.6	13.0	



Abundance Ion 188.00 (187.70 to 188.70): BNC
Ion 94.00 (93.70 to 94.70): BNC
Ion 80.00 (79.70 to 80.70): BNC





#65

4,6-Dinitro-2-methylphenol

Concen: 40.749 ng

RT: 15.61 min Scan# 2146

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

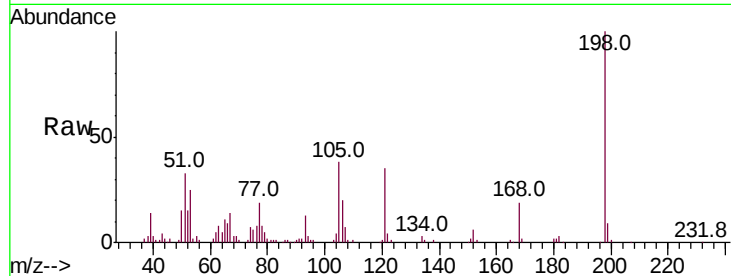
ClientSampleId :

PB114671BSD

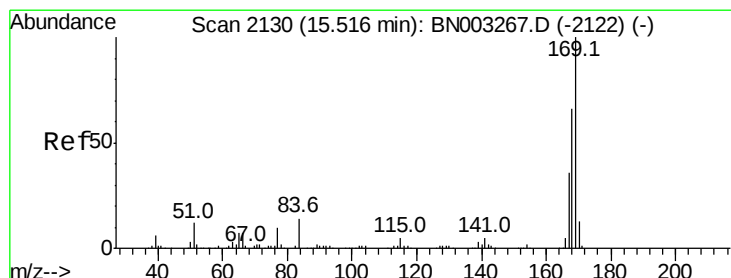
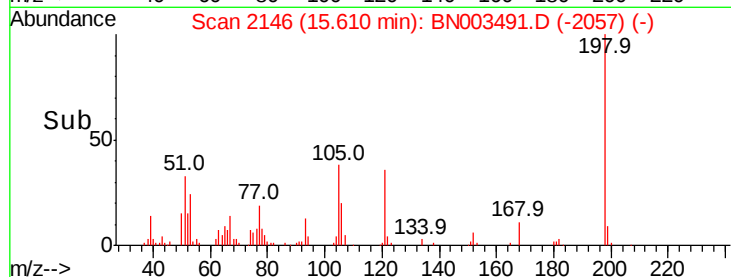
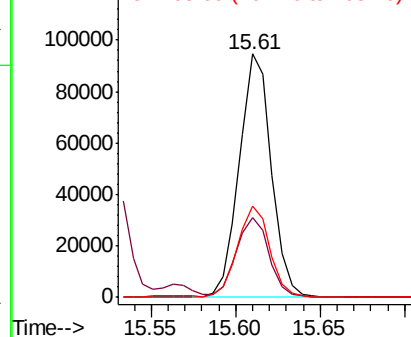
Tot Ion:	198	Resp:	125052
Ion Ratio	Lower	Upper	
198	100		
51	32.9	19.2	59.2
105	37.6	18.9	58.9

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): B
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 49.390 ng

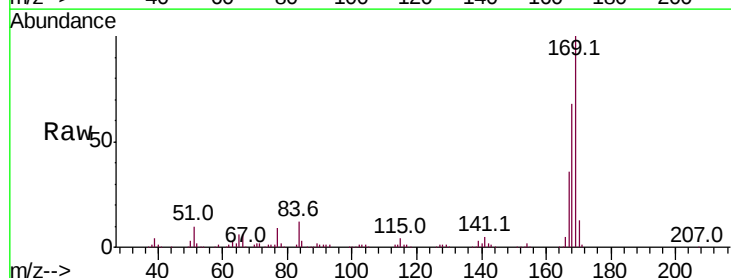
RT: 15.75 min Scan# 2169

Delta R.T. -0.00 min

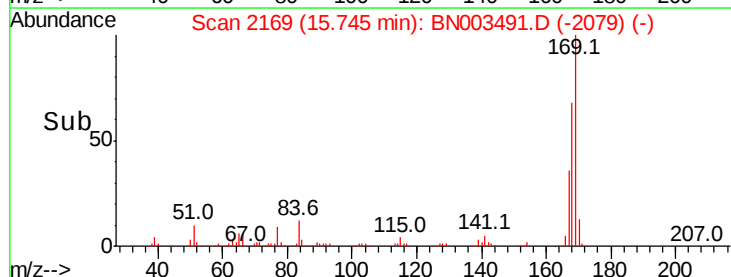
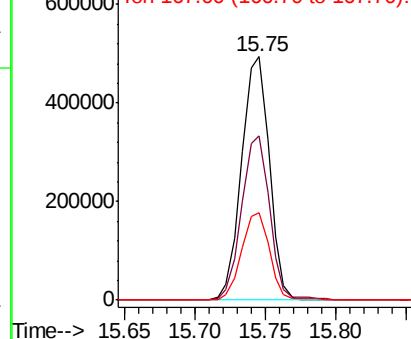
Lab File: BN003491.D

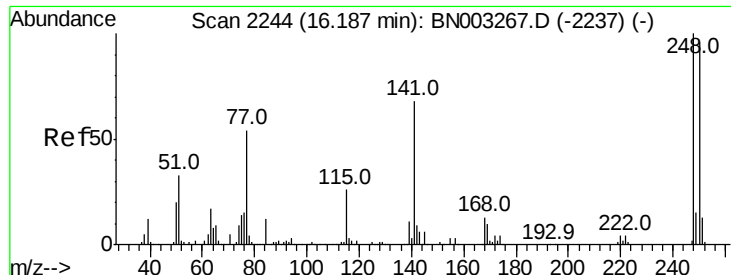
Acq: 10 Nov 2018 02:23

Tgt Ion:	169	Resp:	680031
Ion Ratio	Lower	Upper	
169	100		
168	67.6	53.3	79.9
167	36.1	28.6	43.0



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





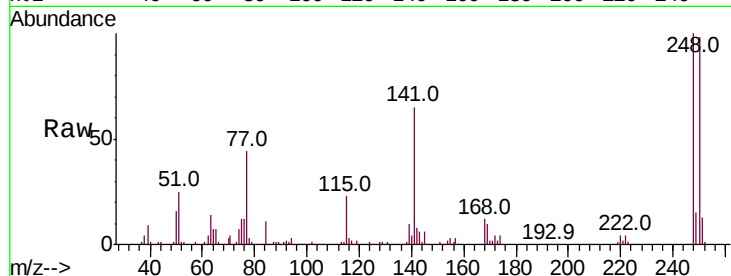
#67
4-Bromophenyl-phenylether
Concen: 53.748 ng
RT: 16.42 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	76.4	114.6
141	65.3	54.2	81.4

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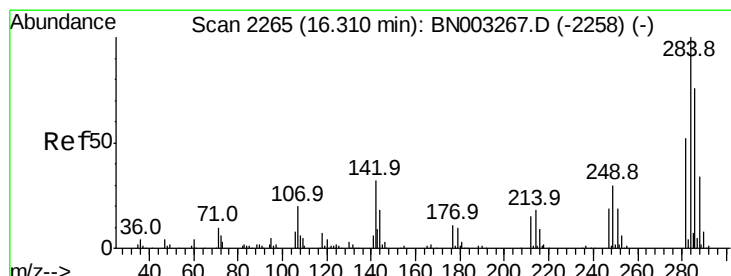
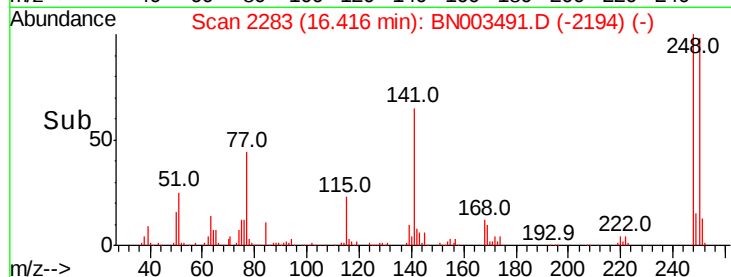
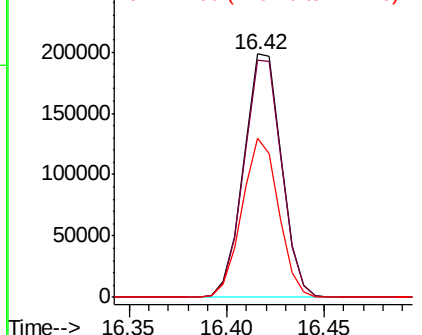


Abundance

Ion 248.00 (247.70 to 248.70): E

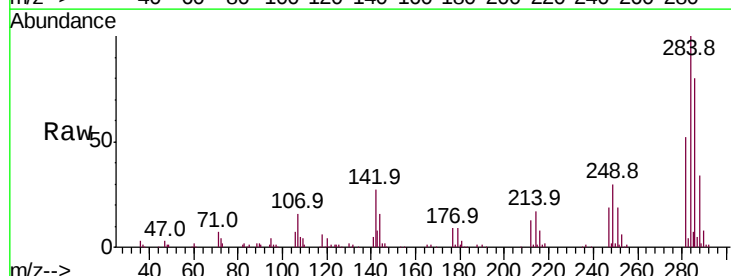
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 52.136 ng
RT: 16.53 min Scan# 2302
Delta R.T. -0.00 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.0	25.6	38.4
249	29.6	23.6	35.4

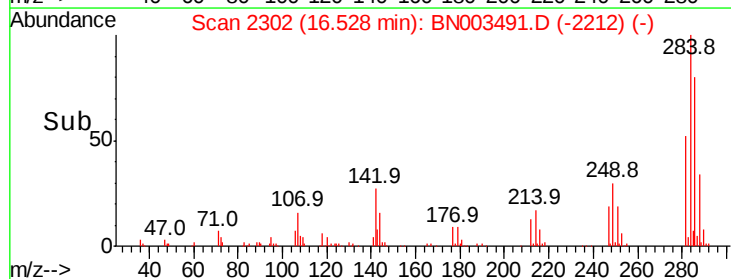
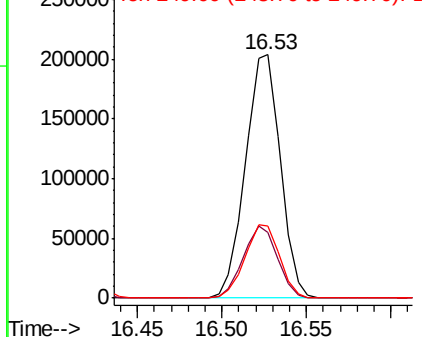


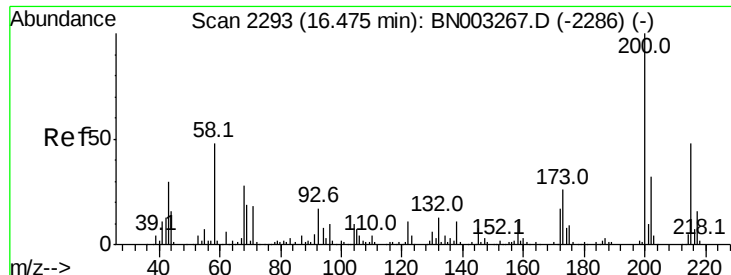
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





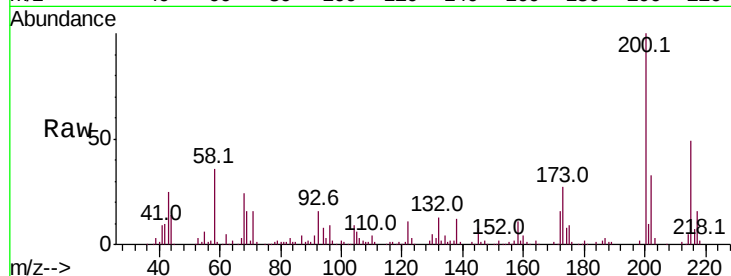
#69
Atrazine
Concen: 48.740 ng
RT: 16.69 min Scan# 2329
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.3	46.3
215	49.4	27.6	67.6

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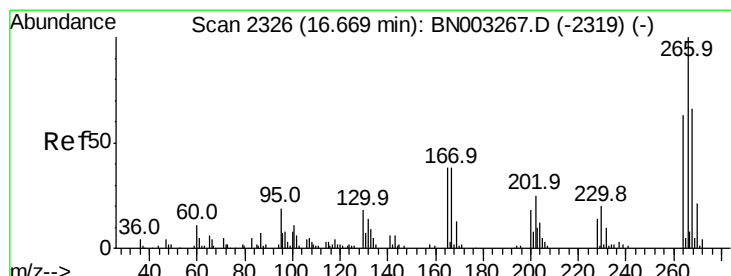
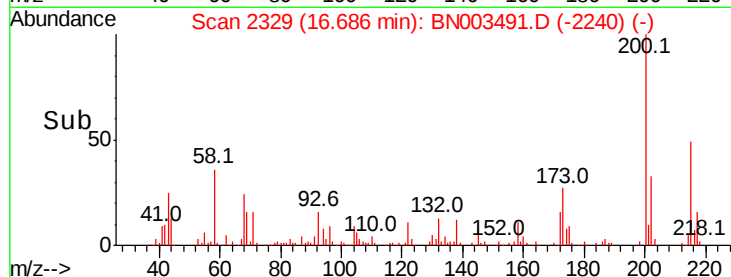
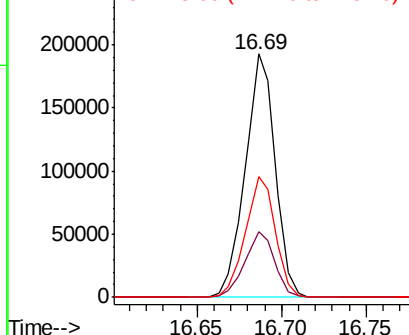


Abundance

Ion 200.00 (199.70 to 200.70): E

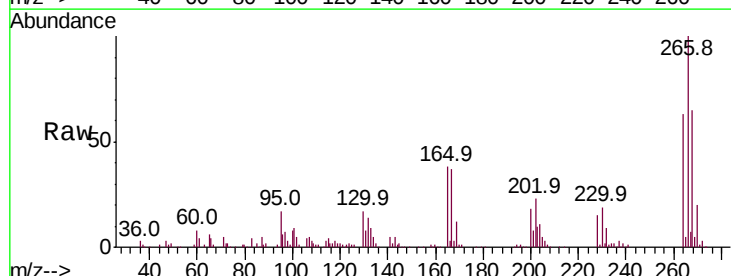
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 110.513 ng
RT: 16.87 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.5	52.5	78.7
264	63.4	50.3	75.5

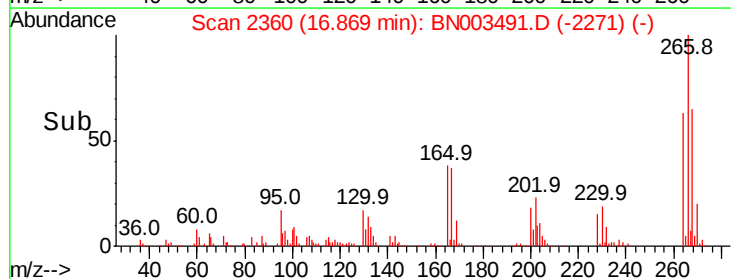
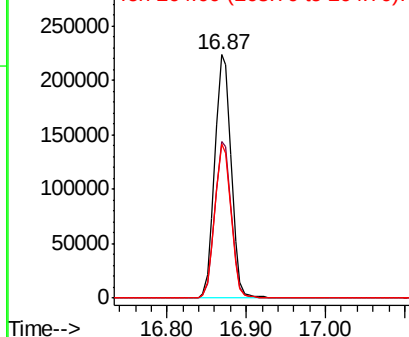


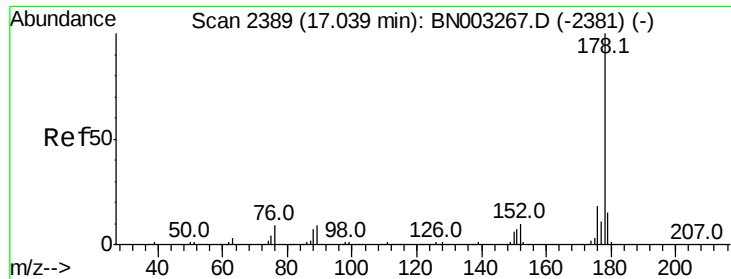
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 47.782 ng

RT: 17.27 min Scan# 2428

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

Tot Ion:178 Resp: 1104841

Ion Ratio Lower Upper

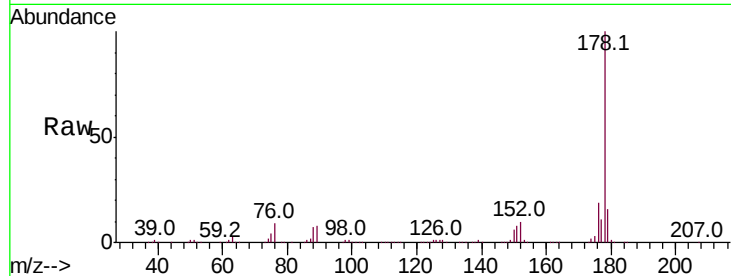
178 100

176 19.0 14.4 21.6

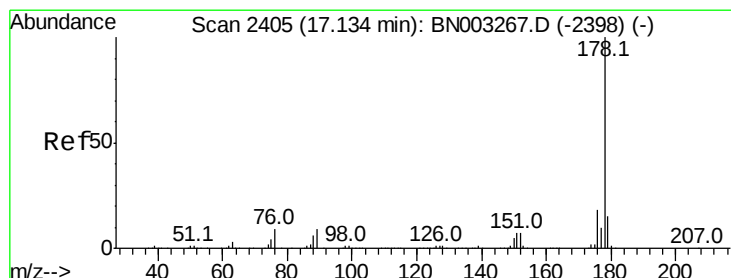
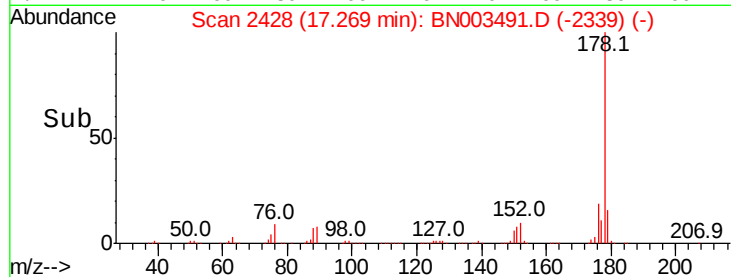
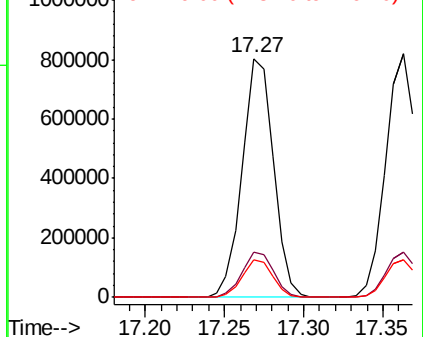
179 15.6 12.2 18.4

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 48.622 ng

RT: 17.36 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Tgt Ion:178 Resp: 1121855

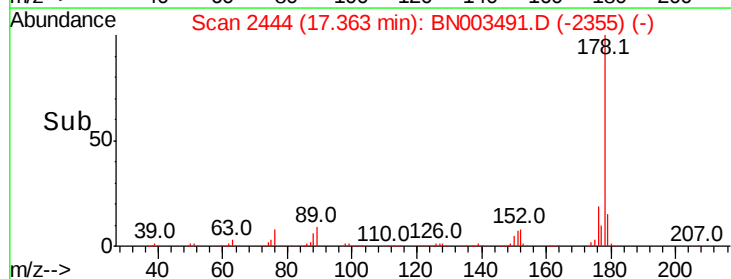
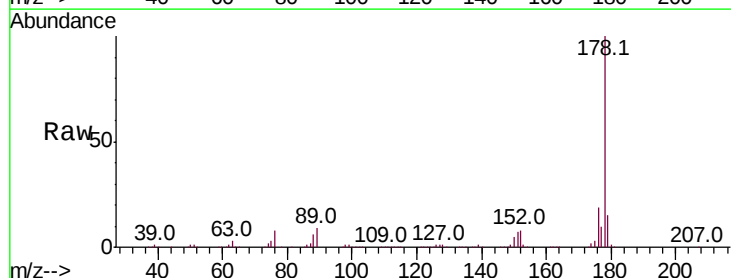
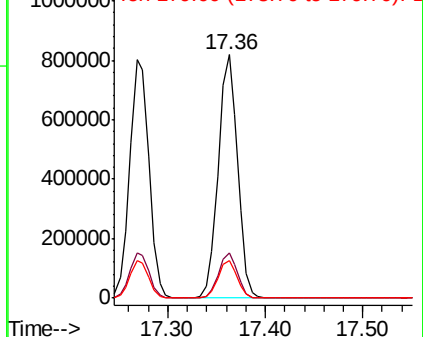
Ion Ratio Lower Upper

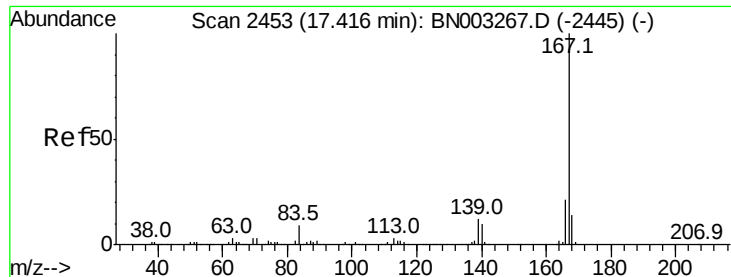
178 100

176 18.6 14.3 21.5

179 15.4 12.1 18.1

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





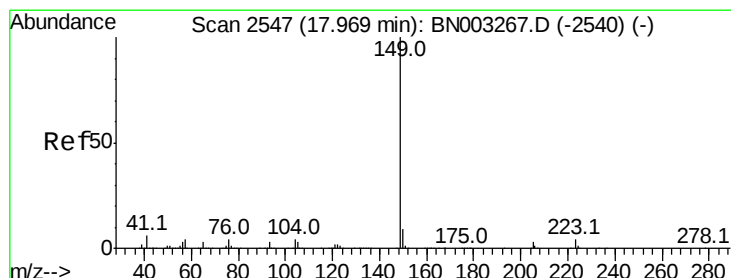
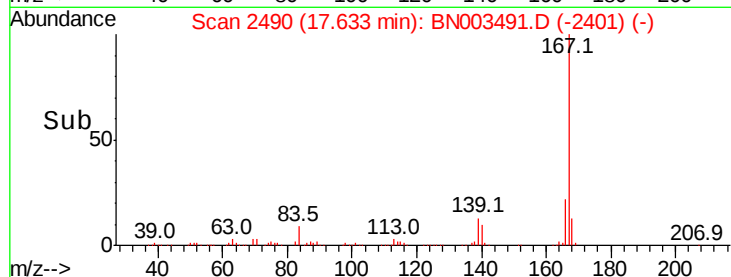
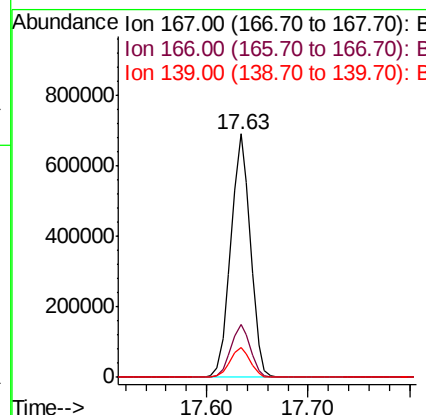
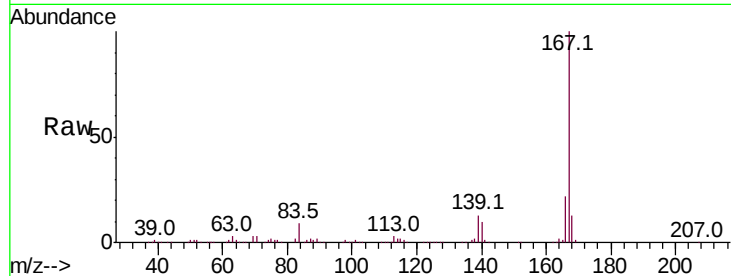
#73
 Carbazole
 Concen: 38.760 ng
 RT: 17.63 min Scan# 2490
 Delta R.T. -0.01 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Instrument :
 BNA_N
 ClientSampleId :
 PB114671BSD

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.7	17.0	25.6	
139	12.5	9.9	14.9	

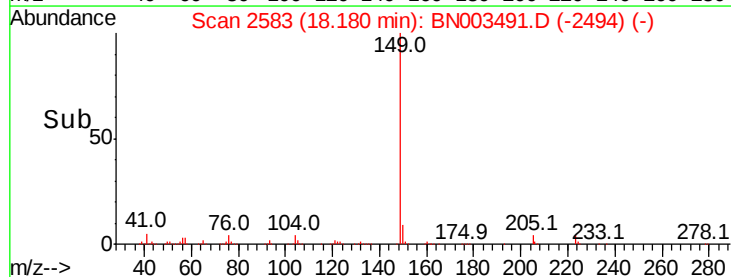
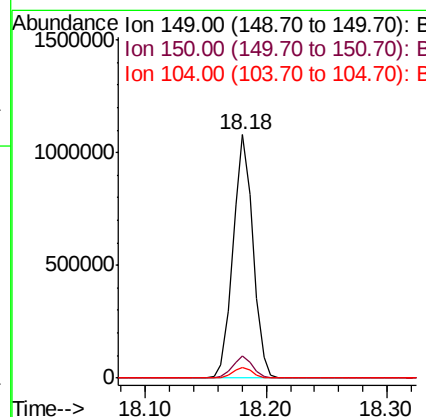
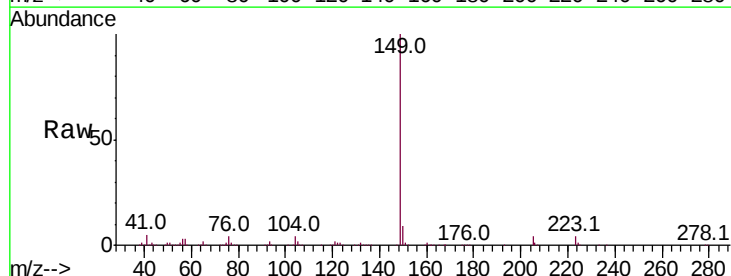
Manual Integrations
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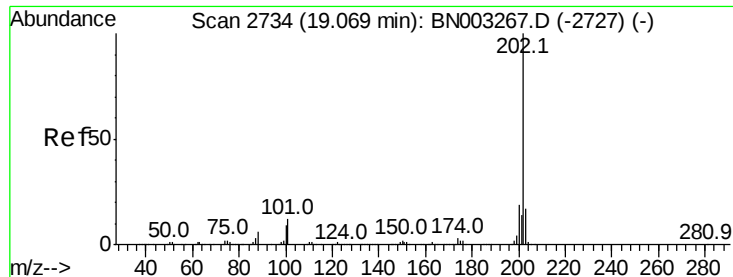
Sohil
 11/12/2018 5:07:58 PM



#74
 Di-n-butylphthalate
 Concen: 44.206 ng
 RT: 18.18 min Scan# 2583
 Delta R.T. -0.01 min
 Lab File: BN003491.D
 Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.1	7.2	10.8	
104	4.3	3.6	5.4	





#75

Fluoranthene

Concen: 39.079 ng

RT: 19.28 min Scan# 2770

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

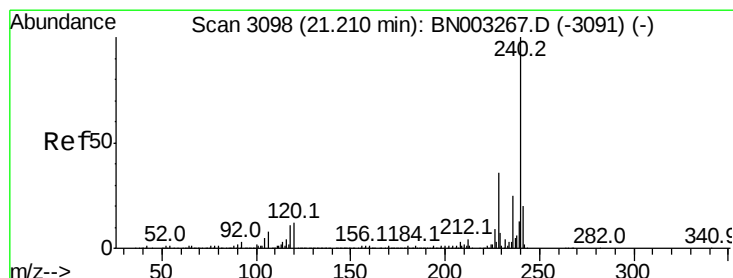
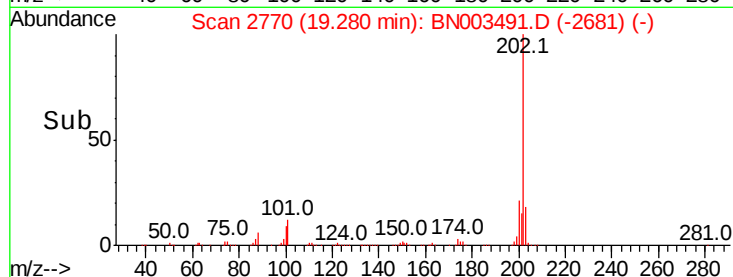
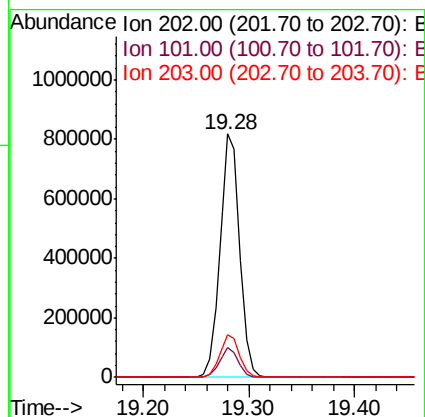
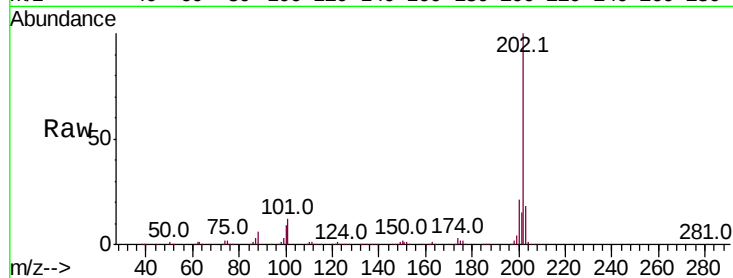
ClientSampleId :

PB114671BSD

Tot Ion:	202	Resp:	1064548
Ion Ratio	Lower	Upper	
202	100		
101	12.0	0.0	32.3
203	17.7	0.0	37.4

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#76

Chrysene-d12

Concen: 20.000 ng

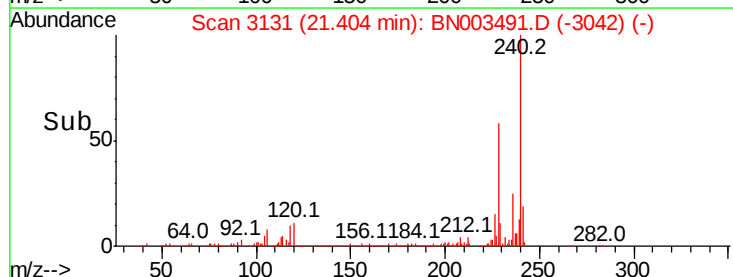
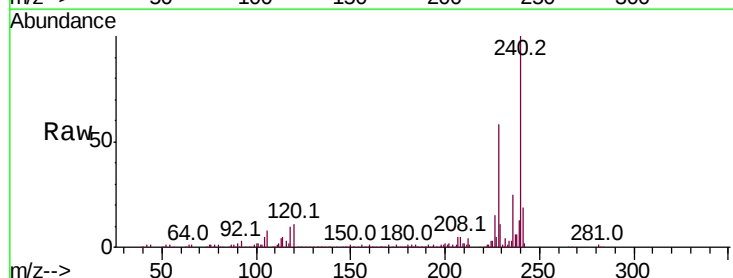
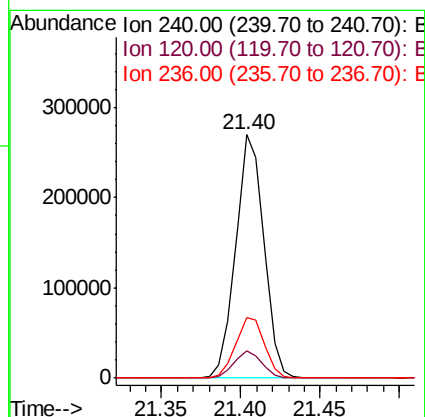
RT: 21.40 min Scan# 3131

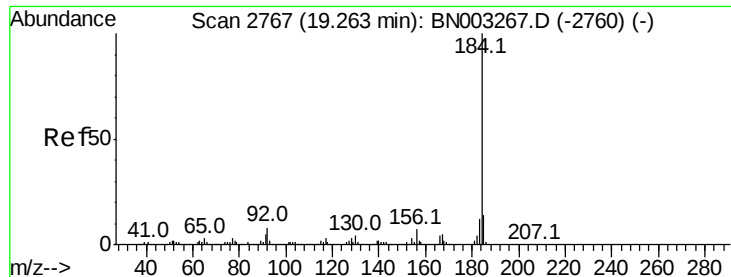
Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Tgt Ion:	240	Resp:	331989
Ion Ratio	Lower	Upper	
240	100		
120	11.4	9.4	14.0
236	25.0	20.3	30.5





#77

Benzidine

Concen: 34.262 ng

RT: 19.47 min Scan# 2802

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

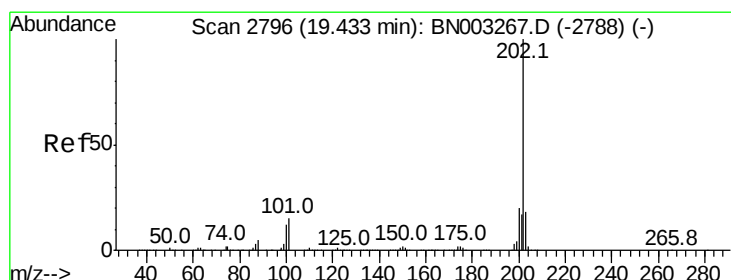
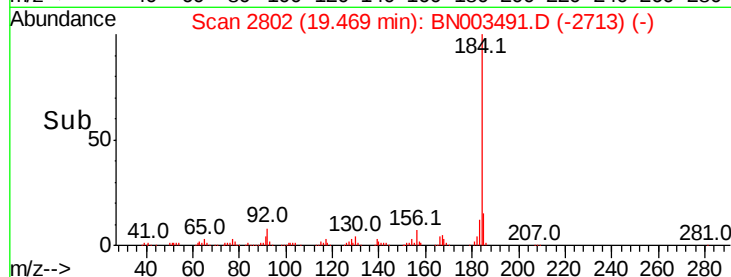
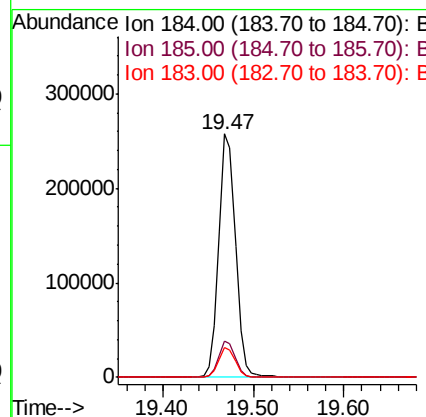
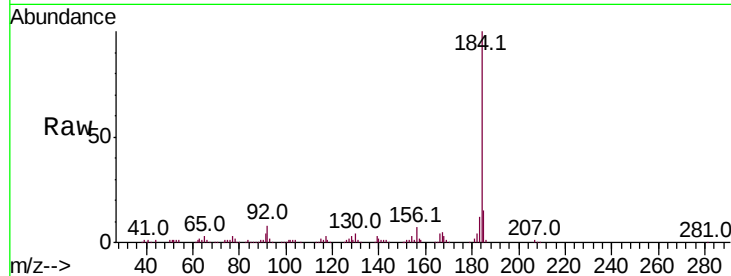
ClientSampleId :

PB114671BSD

Tot Ion:	184	Resp:	332994
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.5	17.3
183	12.4	9.4	14.0

Manual Integrations
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#78

Pyrene

Concen: 53.285 ng

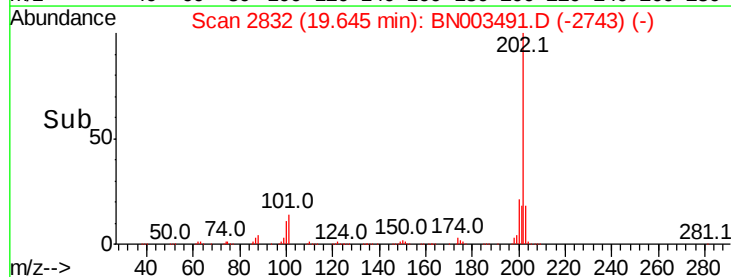
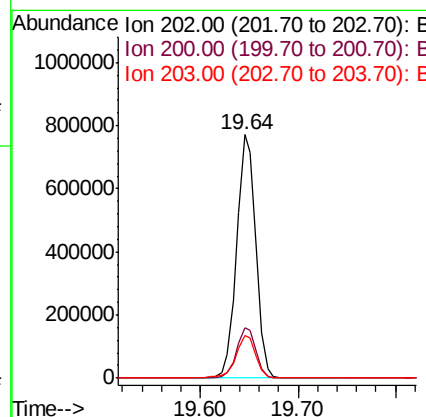
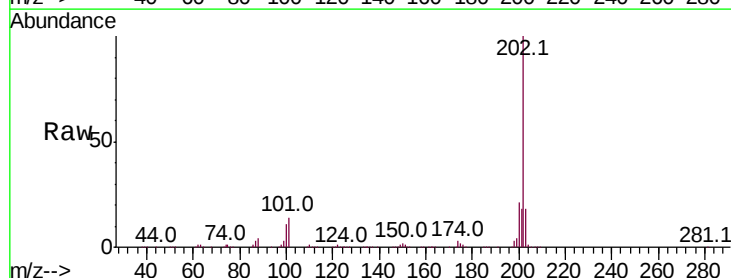
RT: 19.64 min Scan# 2832

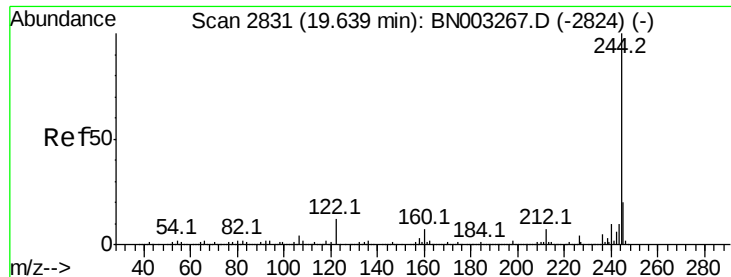
Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Tgt Ion:	202	Resp:	1039704
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.2	24.4
203	17.6	14.3	21.5





#79

Terphenyl-d14

Concen: 101.672 ng

RT: 19.84 min Scan# 2866

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

ClientSampleId :

PB114671BSD

Tot Ion:244 Resp: 1578356

Ion Ratio Lower Upper

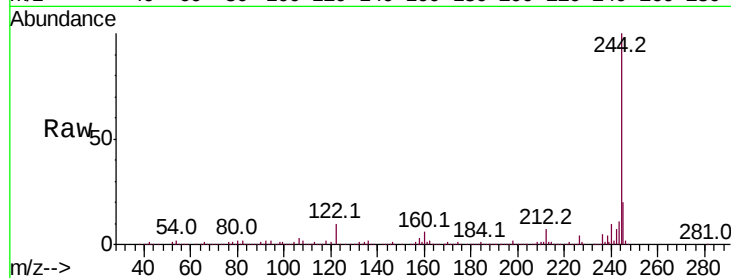
244 100

212 6.6 5.4 8.0

122 10.4 9.4 14.2

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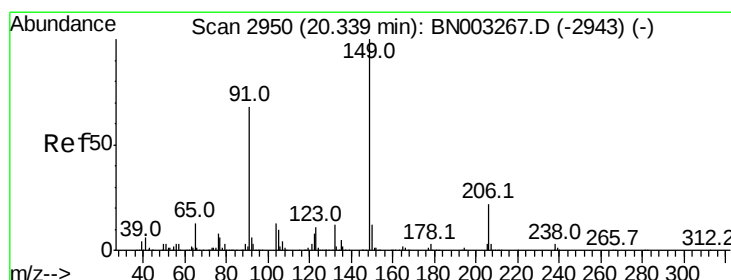
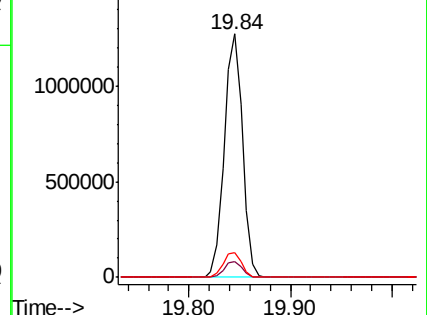
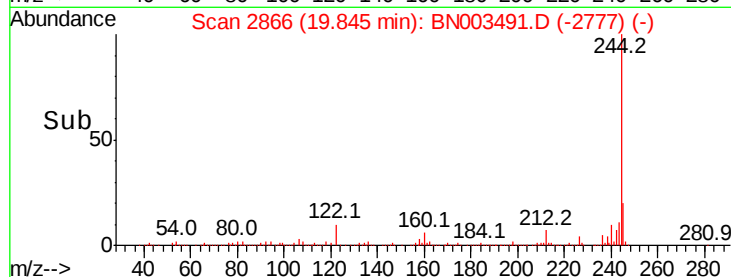
Sohil
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 46.724 ng

RT: 20.53 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

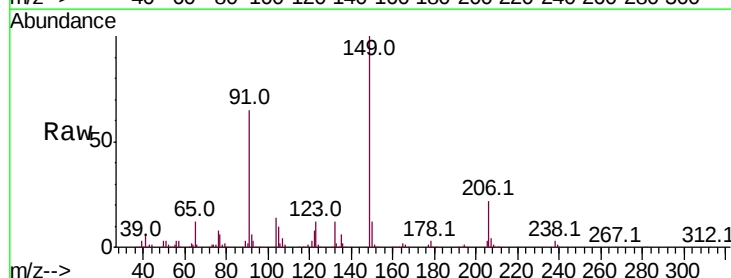
Tgt Ion:149 Resp: 423327

Ion Ratio Lower Upper

149 100

91 65.1 54.6 81.8

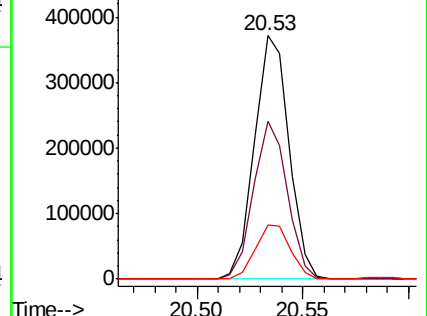
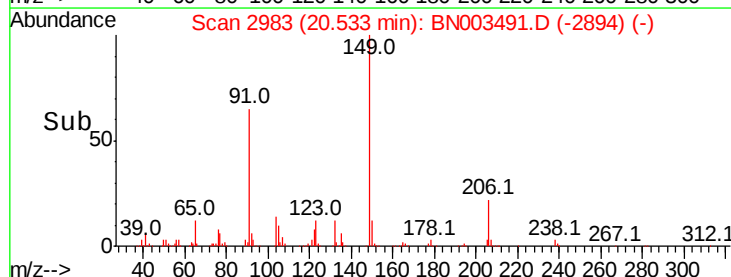
206 22.2 17.8 26.6

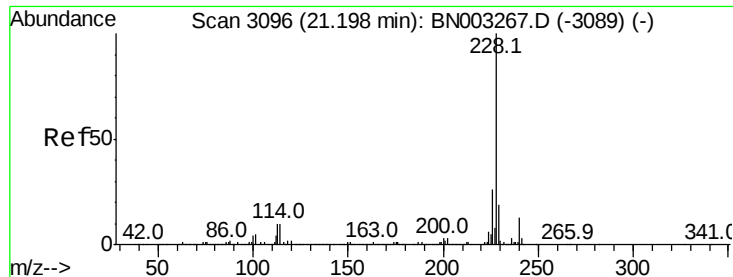


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BNC

Ion 206.00 (205.70 to 206.70): E





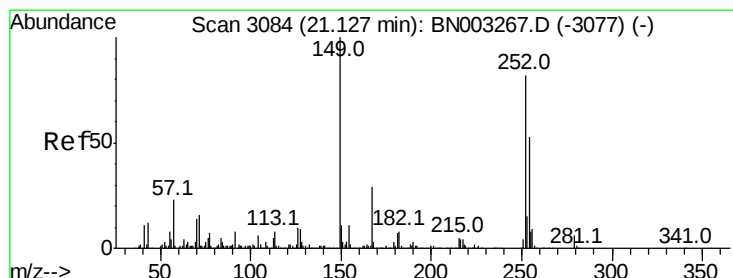
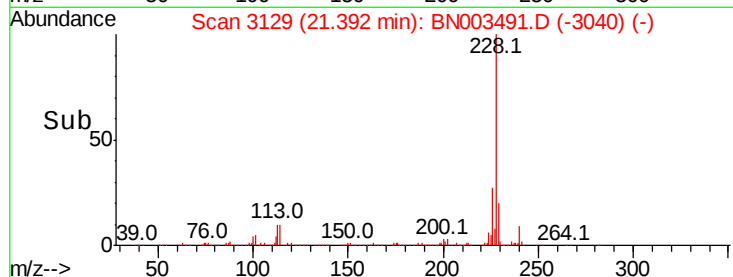
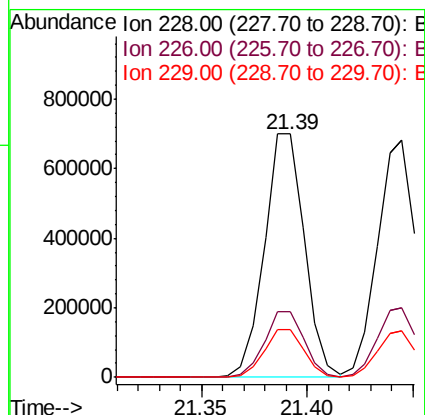
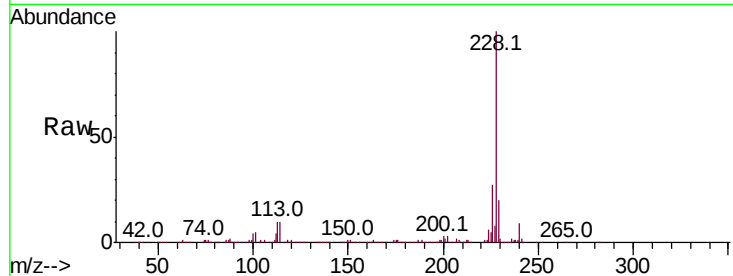
#81
Benzo(a)anthracene
Concen: 47.830 ng
RT: 21.39 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.7	20.8	31.2
229	19.6	15.3	22.9

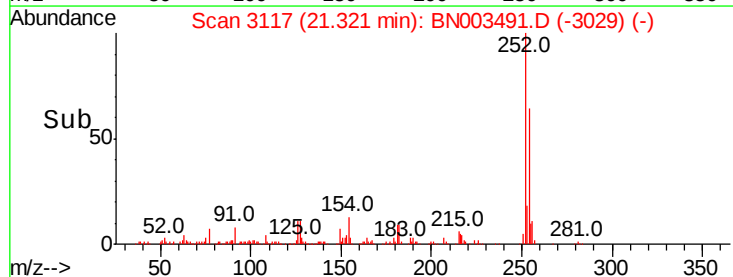
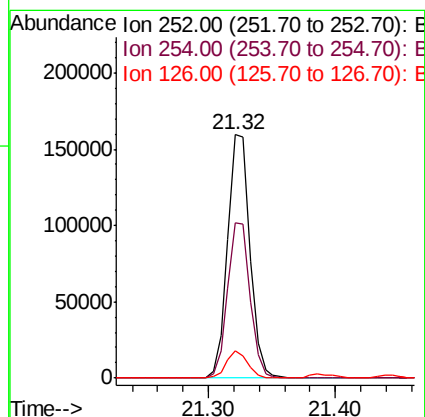
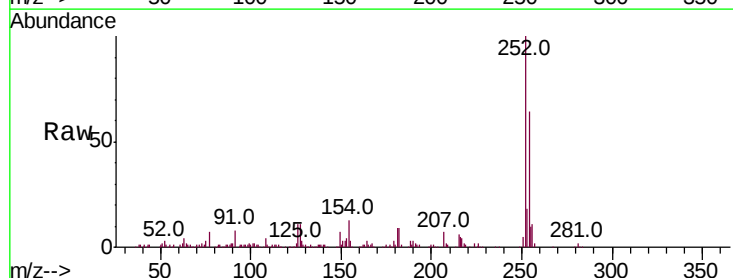
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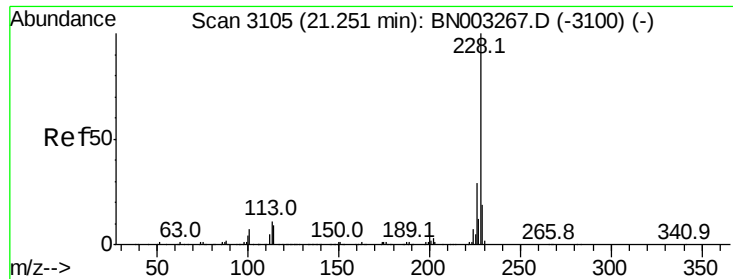
Sohil
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#82
3,3'-Dichlorobenzidine
Concen: 24.299 ng
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	51.1	76.7
126	11.1	9.3	13.9





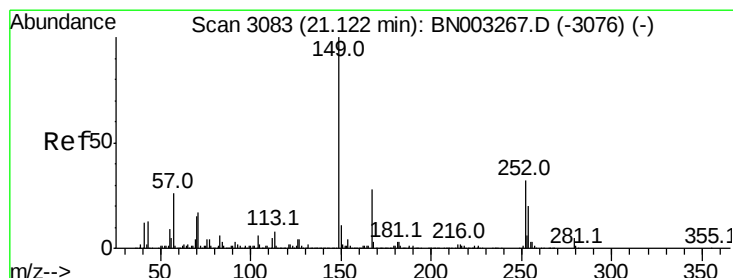
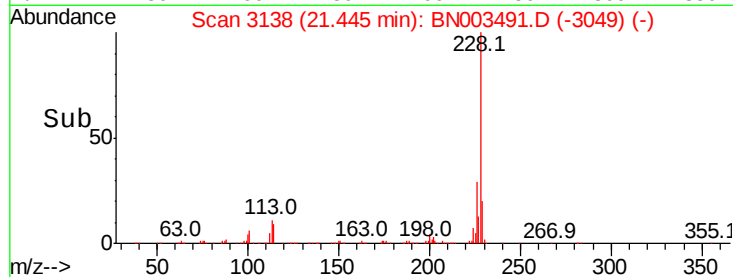
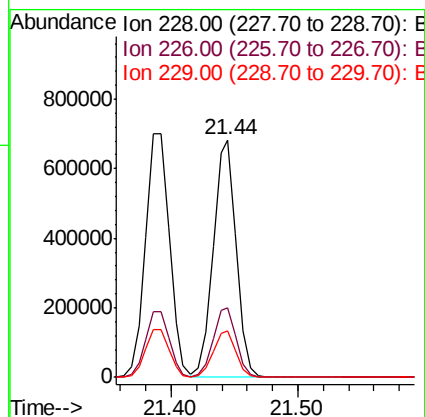
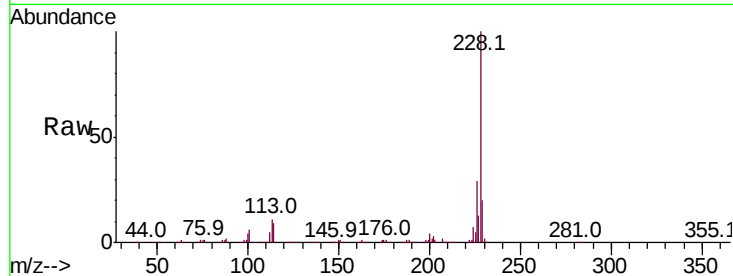
#83
Chrysene
Concen: 46.443 ng
RT: 21.44 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.3	34.9
229	19.7	15.3	22.9

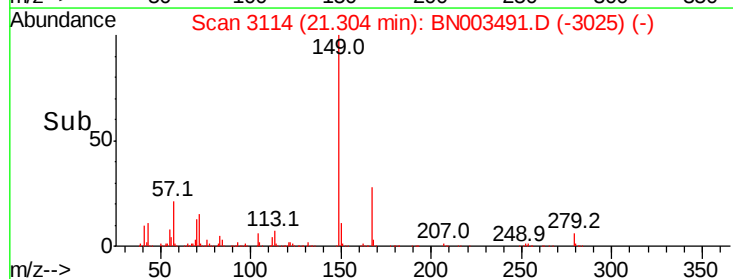
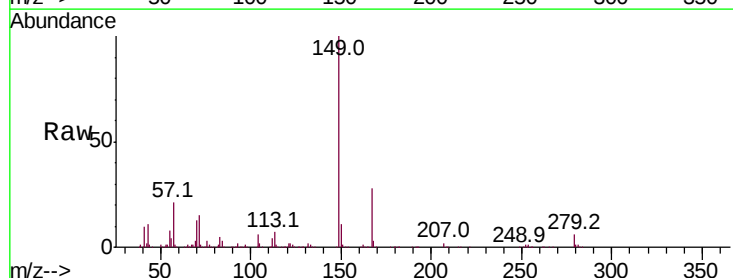
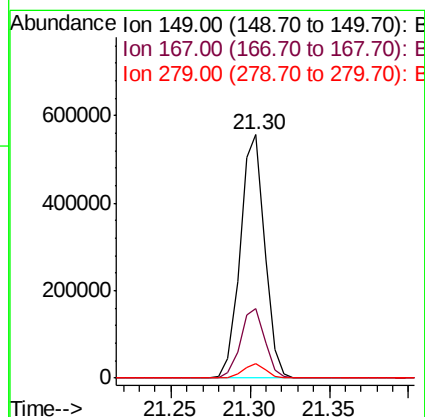
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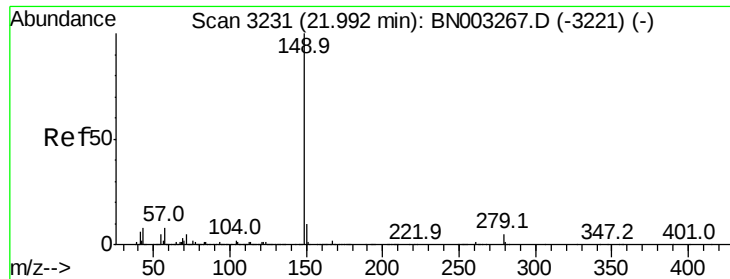
Sohil
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#84
Bis(2-ethylhexyl)phthalate
Concen: 44.218 ng
RT: 21.30 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.6	33.8
279	5.8	3.8	5.8#





#85

Di-n-octyl phthalate

Concen: 38.778 ng

RT: 22.20 min Scan# 3266

Delta R.T. -0.01 min

Lab File: BN003491.D

Acq: 10 Nov 2018 02:23

Instrument :

BNA_N

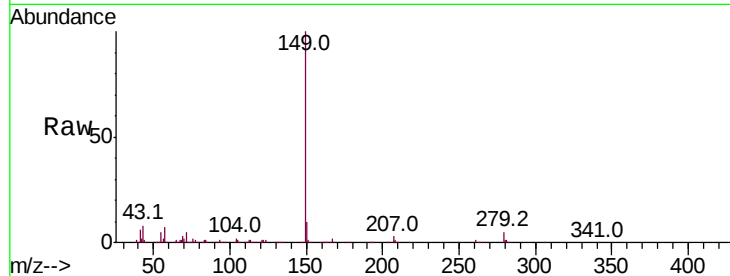
ClientSampleId :

PB114671BSD

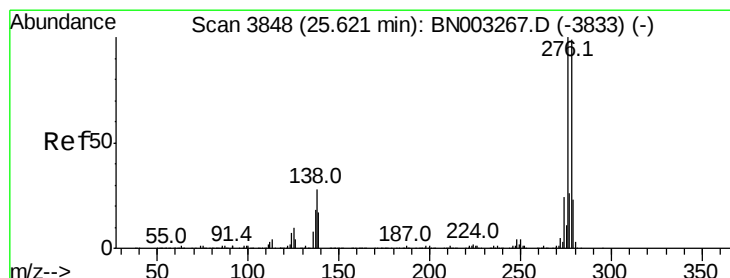
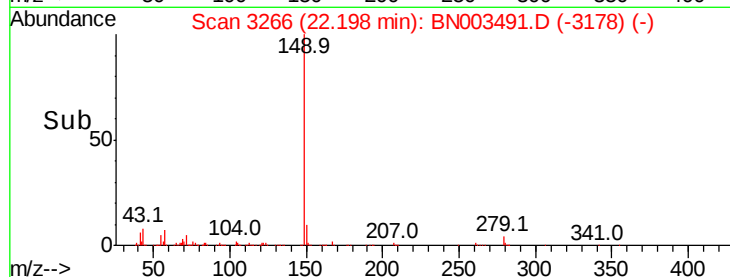
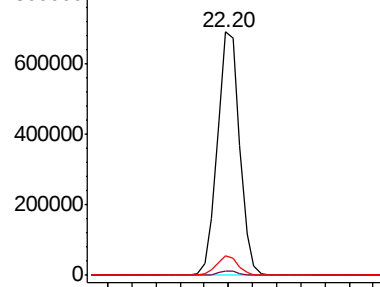
Tot Ion:	149	Resp:	894069
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.6	6.9	10.3

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC



#86

Indeno(1,2,3-cd)pyrene

Concen: 59.318 ng

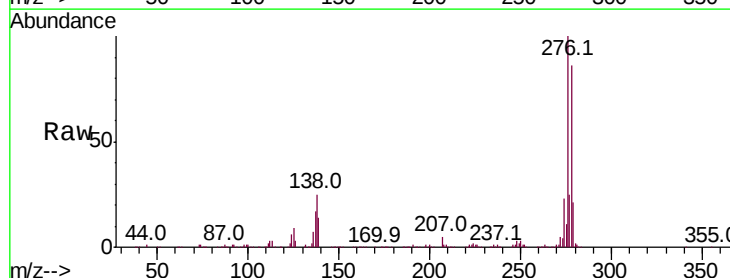
RT: 26.09 min Scan# 3927

Delta R.T. -0.01 min

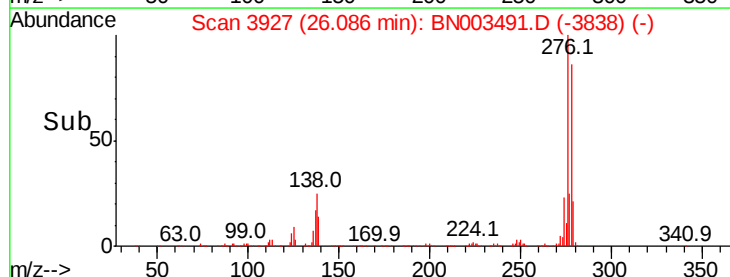
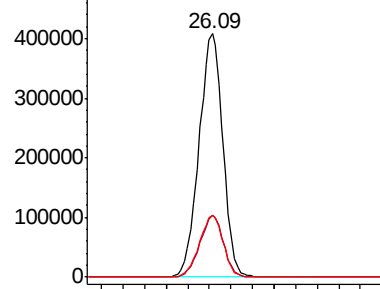
Lab File: BN003491.D

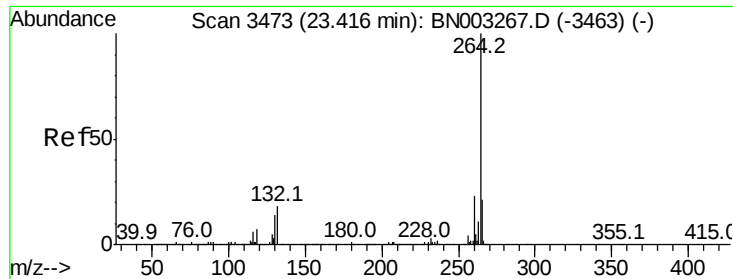
Acq: 10 Nov 2018 02:23

Tgt Ion:	276	Resp:	1263478
Ion Ratio	Lower	Upper	
276	100		
138	25.0	21.2	31.8
277	25.3	20.2	30.4



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





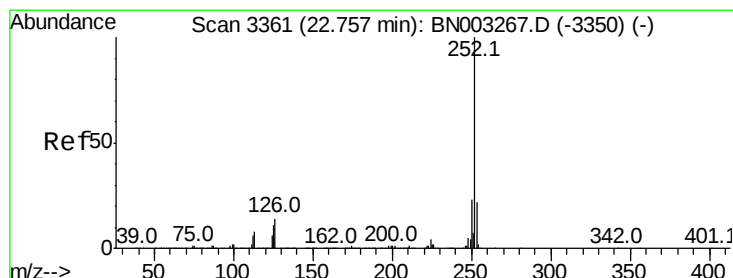
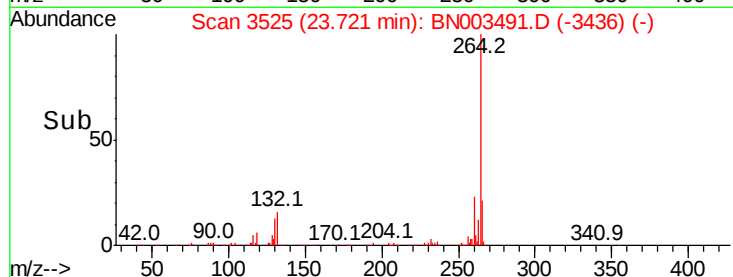
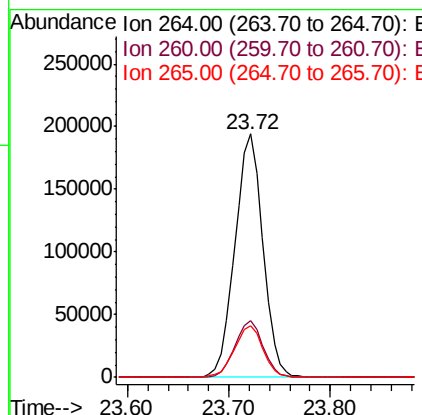
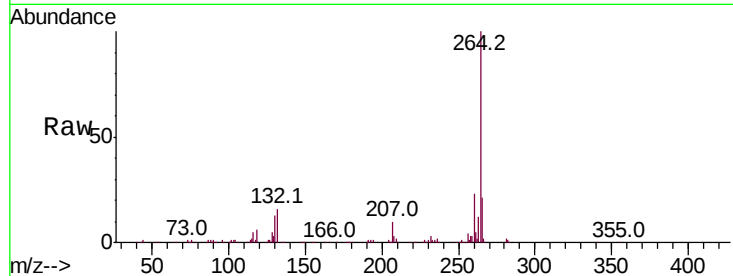
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.72 min Scan# 3525
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.4	16.6	25.0

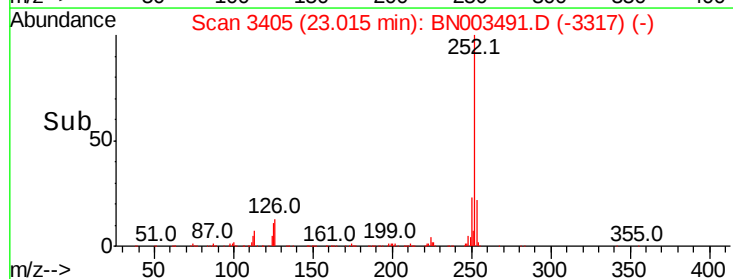
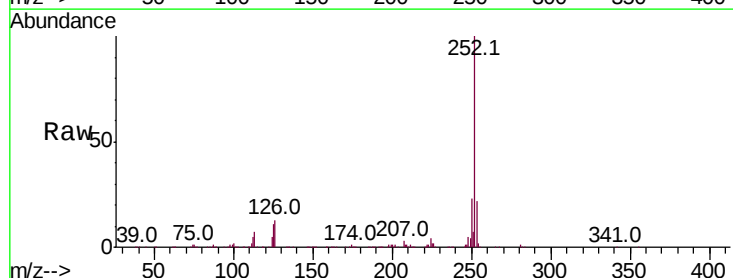
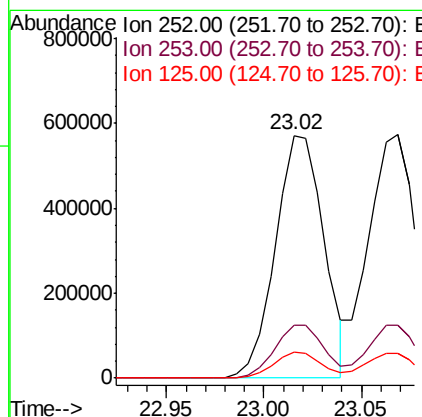
Manual Integrations
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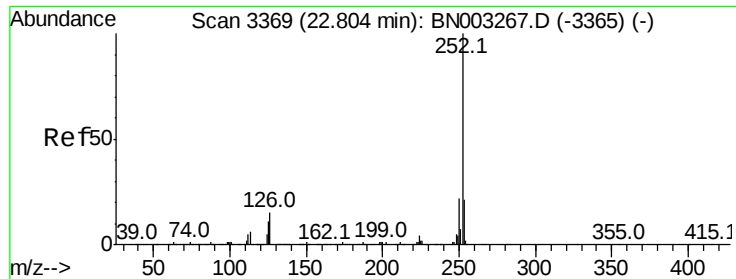
Sohil
11/12/2018 5:07:58 PM



#88
Benzo(b)fluoranthene
Concen: 48.255 ng
RT: 23.02 min Scan# 3405
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.6
125	10.5	8.6	12.8





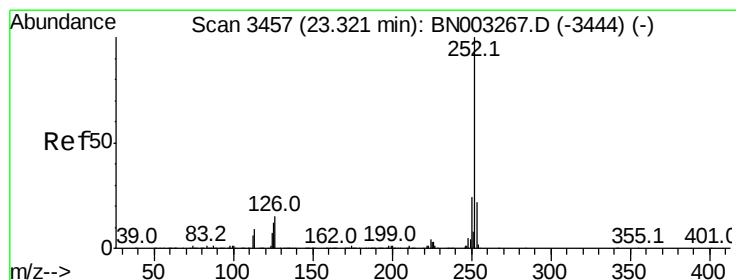
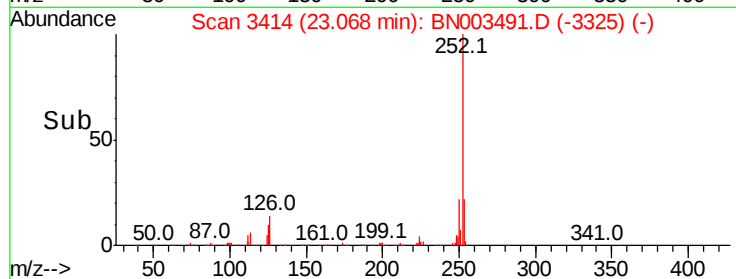
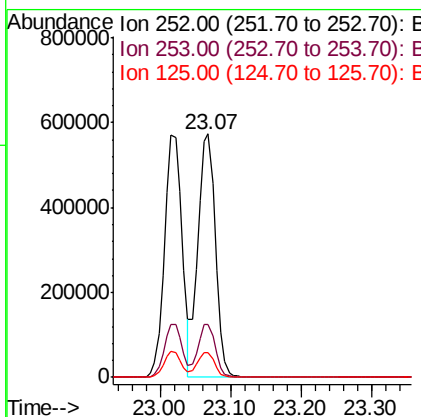
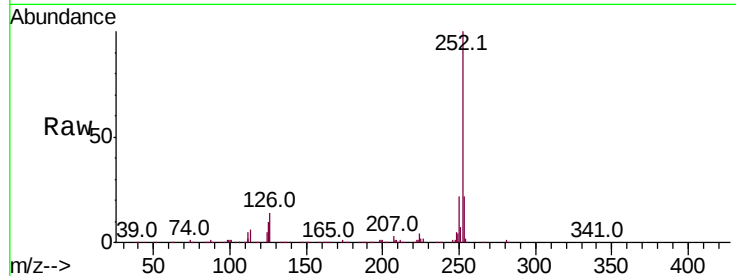
#89
Benzo(k)fluoranthene
Concen: 49.695 ng
RT: 23.07 min Scan# 3414
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion:	252	Resp:	994662
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.4	26.0
125	10.1	8.7	13.1

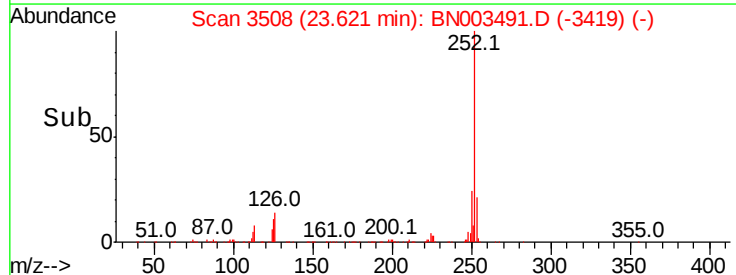
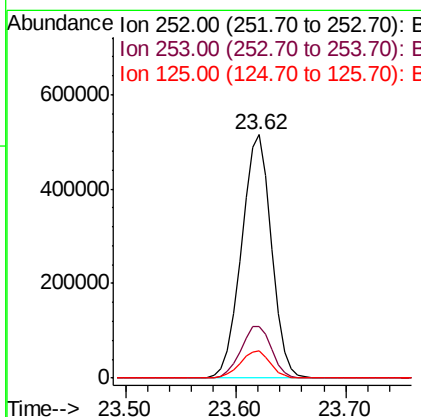
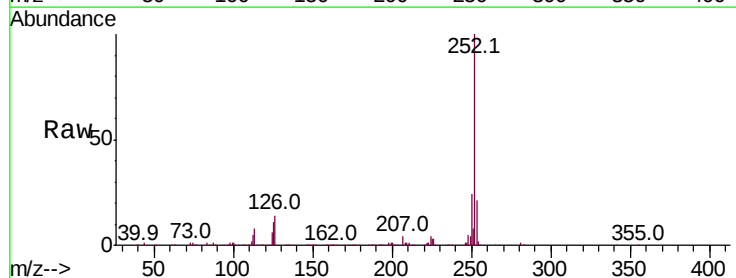
Manual Integrations
APPROVED

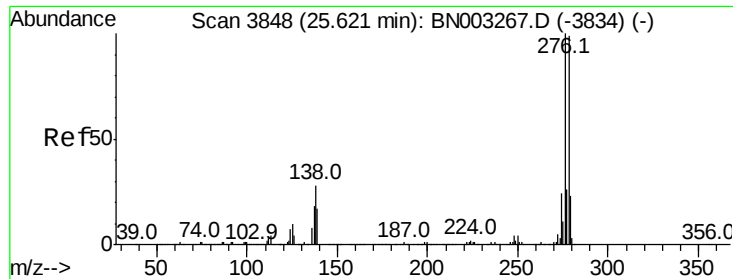
Sohil
11/12/2018 5:07:58 PM



#90
Benzo(a)pyrene
Concen: 50.539 ng
RT: 23.62 min Scan# 3508
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion:	252	Resp:	982965
Ion Ratio	Lower	Upper	
252	100		
253	21.4	17.8	26.6
125	11.1	9.6	14.4





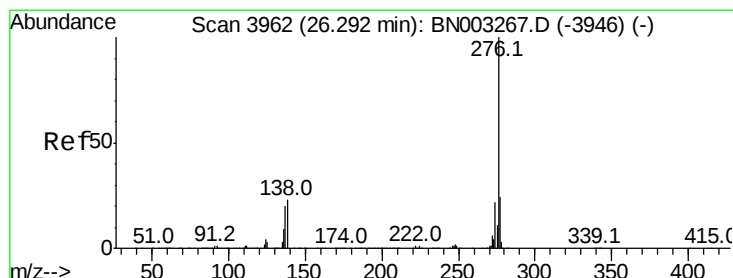
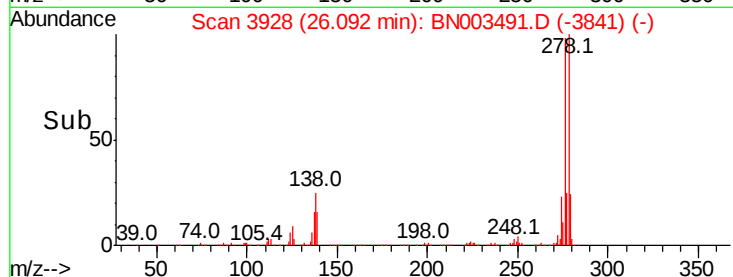
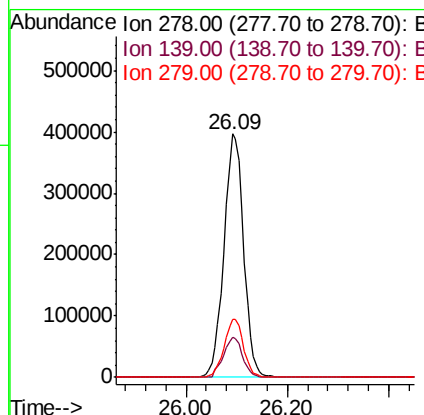
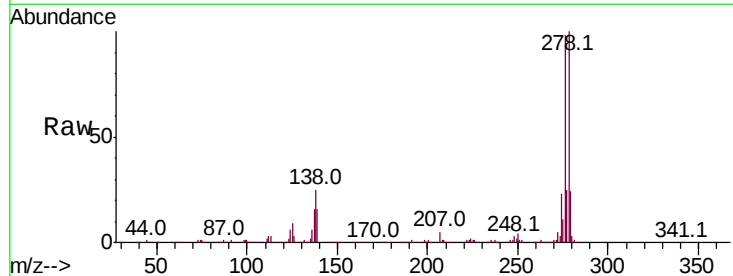
#91
Dibenzo(a,h)anthracene
Concen: 55.275 ng
RT: 26.09 min Scan# 3928
Delta R.T. -0.02 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Instrument :
BNA_N
ClientSampleId :
PB114671BSD

Tot Ion:278 Resp: 1064101
Ion Ratio Lower Upper
278 100
139 16.2 13.9 20.9
279 23.7 19.0 28.6

Manual Integrations
APPROVED

Sohil
11/12/2018 5:07:58 PM



#92
Benzo(g,h,i)perylene
Concen: 57.176 ng
RT: 26.81 min Scan# 4050
Delta R.T. -0.01 min
Lab File: BN003491.D
Acq: 10 Nov 2018 02:23

Tgt Ion:276 Resp: 1056683
Ion Ratio Lower Upper
276 100
277 23.7 19.1 28.7
138 21.0 18.2 27.4

