

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081619\
 Data File : BF116309.D
 Acq On : 16 Aug 2019 9:17
 Operator : HP/JU
 Sample : PB122249BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BS

Manual Integrations
 APPROVED

mohammad
 8/20/2019 8:36:43 AM

Quant Time: Aug 16 11:53:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	124478	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	515283	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	274070	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	469657	20.00	ng	-0.03
76) Chrysene-d12	13.98	240	329723	20.00	ng	-0.03
87) Perylene-d12	15.44	264	272322	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	893640	120.18	ng	-0.01
7) Phenol-d6	6.46	99	1081954	115.33	ng	-0.02
23) Nitrobenzene-d5	7.39	82	714688	80.06	ng	-0.03
42) 2,4,6-Tribromophenol	10.64	330	301320	113.40	ng	-0.03
45) 2-Fluorobiphenyl	9.17	172	1215060	83.04	ng	-0.03
79) Terphenyl-d14	12.92	244	1346036	86.02	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.66	88	156197	41.581	ng	97
3) Pyridine	3.41	79	360398	34.345	ng	99
4) n-Nitrosodimethylamine	3.36	42	164632	39.756	ng	99
6) Aniline	6.49	93	401304	29.869	ng	# 86
8) 2-Chlorophenol	6.61	128	377869	45.956	ng	98
9) Benzaldehyde	6.38	77	127223	19.654	ng	98
10) Phenol	6.48	94	474828	42.980	ng	98
11) bis(2-Chloroethyl)ether	6.56	93	360961	44.441	ng	100
12) 1,3-Dichlorobenzene	6.76	146	401445	42.246	ng	100
13) 1,4-Dichlorobenzene	6.83	146	411396	43.238	ng	99
14) 1,2-Dichlorobenzene	6.99	146	376323	42.955	ng	98
15) Benzyl Alcohol	6.97	79	297977	41.853	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	473548	42.744	ng	83
17) 2-Methylphenol	7.08	107	310757	44.634	ng	97
18) Hexachloroethane	7.32	117	148464	42.381	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	255191	43.897	ng	97
20) 3+4-Methylphenols	7.23	107	388266	47.125	ng	92
22) Acetophenone	7.23	105	508283	44.977	ng	96
24) Nitrobenzene	7.40	77	420481	43.623	ng	99
25) Isophorone	7.64	82	755211	44.244	ng	98
26) 2-Nitrophenol	7.72	139	205168	45.156	ng	97
27) 2,4-Dimethylphenol	7.76	122	330566	48.358	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	464562	43.910	ng	100
29) 2,4-Dichlorophenol	7.97	162	326272	45.205	ng	99
30) 1,2,4-Trichlorobenzene	8.04	180	348687	42.381	ng	99
31) Naphthalene	8.12	128	1075638	44.360	ng	99
32) Benzoic acid	7.92	122	193804	40.213	ng	96
33) 4-Chloroaniline	8.17	127	300203	27.709	ng	99
34) Hexachlorobutadiene	8.23	225	196574	41.480	ng	99
35) Caprolactam	8.55	113	98086m	42.018	ng	
36) 4-Chloro-3-methylphenol	8.66	107	335694	44.708	ng	99
37) 2-Methylnaphthalene	8.81	142	716890	44.891	ng	99
38) 1-Methylnaphthalene	8.91	142	666498	44.116	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	330016	45.041	ng	100

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	135192	43.980	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	207799	41.203	ng	98
44) 2,4,5-Trichlorophenol	9.15	196	219906	42.182	ng	99
46) 1,1'-Biphenyl	9.27	154	874448	45.193	ng	97
47) 2-Chloronaphthalene	9.30	162	683848	42.464	ng	99
48) 2-Nitroaniline	9.40	65	216100	40.597	ng	96
49) Acenaphthylene	9.72	152	1008196	42.912	ng	99
50) Dimethylphthalate	9.57	163	788600	42.259	ng	100
51) 2,6-Dinitrotoluene	9.65	165	175498	43.275	ng	97
52) Acenaphthene	9.89	154	620764	43.068	ng	99
53) 3-Nitroaniline	9.82	138	150709	30.076	ng	100
54) 2,4-Dinitrophenol	9.94	184	124106	62.106	ng	93
55) Dibenzofuran	10.06	168	876526	41.817	ng	98
56) 4-Nitrophenol	10.00	139	214597	66.852	ng	91
57) 2,4-Dinitrotoluene	10.06	165	217501	40.282	ng	93
58) Fluorene	10.40	166	721356	44.730	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	187175	42.676	ng	98
60) Diethylphthalate	10.27	149	760070	43.626	ng	99
61) 4-Chlorophenyl-phenylether	10.39	204	364604	44.641	ng	98
62) 4-Nitroaniline	10.44	138	173759	33.554	ng	96
63) Azobenzene	10.55	77	791974	44.195	ng	98
65) 4,6-Dinitro-2-methylphenol	10.47	198	108351	43.534	ng	90
66) n-Nitrosodiphenylamine	10.51	169	640827	45.332	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	220988	43.954	ng	95
68) Hexachlorobenzene	10.96	284	246584	42.414	ng	95
69) Atrazine	11.04	200	196457	42.244	ng	98
70) Pentachlorophenol	11.16	266	188090	66.639	ng	97
71) Phenanthrene	11.36	178	1045708	43.553	ng	100
72) Anthracene	11.42	178	1090785	44.890	ng	99
73) Carbazole	11.57	167	975270	44.239	ng	99
74) Di-n-butylphthalate	11.89	149	1200214	46.670	ng	98
75) Fluoranthene	12.55	202	1112666	44.266	ng	98
77) Benzidine	12.67	184	289361	25.976	ng	97
78) Pyrene	12.78	202	1113085	44.783	ng	99
80) Butylbenzylphthalate	13.39	149	504127	47.949	ng	99
81) Benzo(a)anthracene	13.97	228	906987	43.037	ng	99
82) 3,3'-Dichlorobenzidine	13.93	252	292565	39.958	ng	99
83) Chrysene	14.01	228	902389	44.104	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	703016	51.456	ng	100
85) Di-n-octyl phthalate	14.55	149	1105403	50.938	ng	99
86) Indeno(1,2,3-cd)pyrene	16.90	276	765737	44.560	ng	99
88) Benzo(b)fluoranthene	15.02	252	848901	53.912	ng	99
89) Benzo(k)fluoranthene	15.04	252	705384	45.993	ng	98
90) Benzo(a)pyrene	15.38	252	760936	54.060	ng	99
91) Dibenzo(a,h)anthracene	16.90	278	661372	54.282	ng	99
92) Benzo(g,h,i)perylene	17.34	276	649362	54.268	ng	97

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

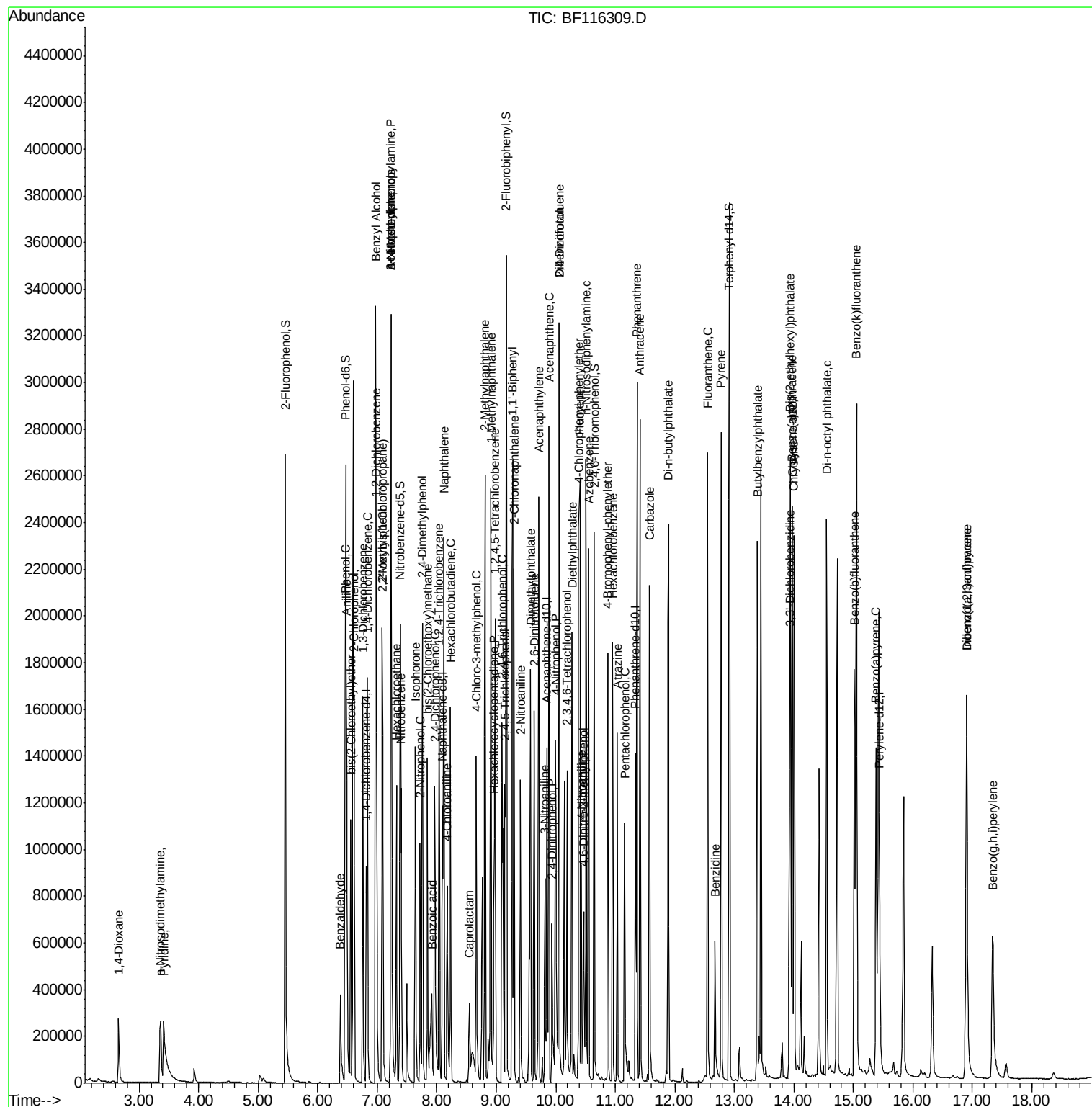
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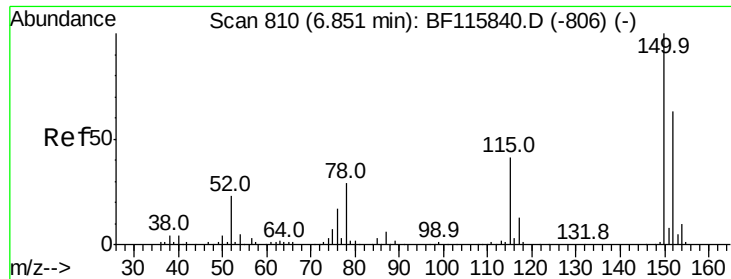
Instrument :
BNA_F
ClientSampleId :
PB122249BS

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#1

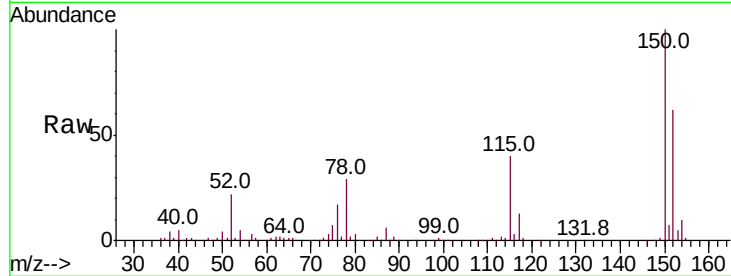
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.2	189.2
115	64.4	49.9	74.9

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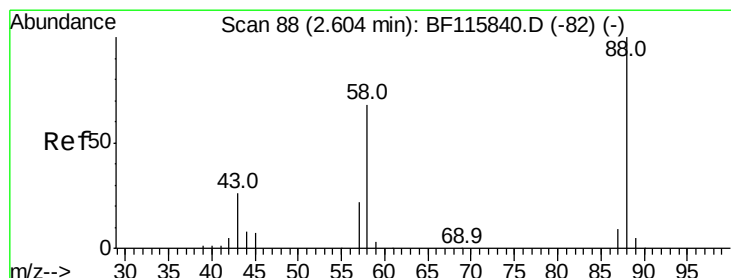
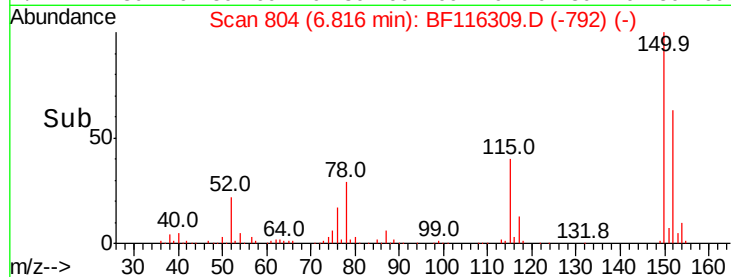
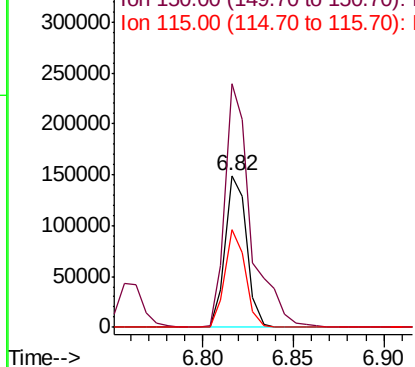


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

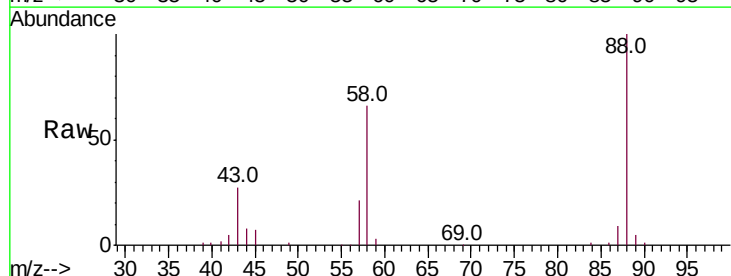
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 41.581 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.05 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.0	53.7	80.5
43	25.8	21.0	31.4

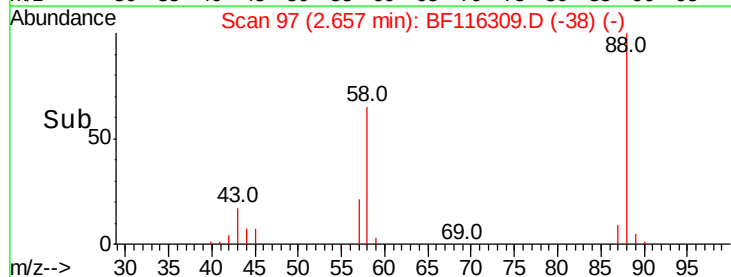
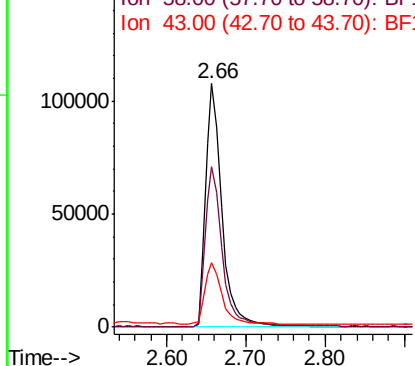


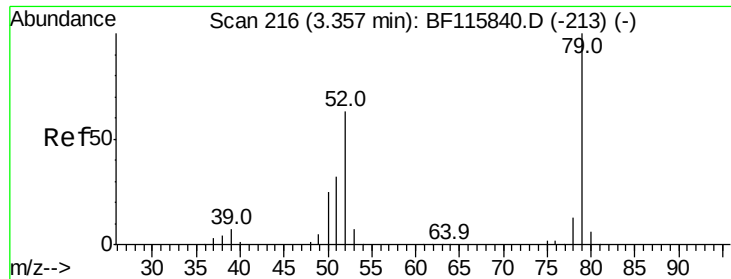
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





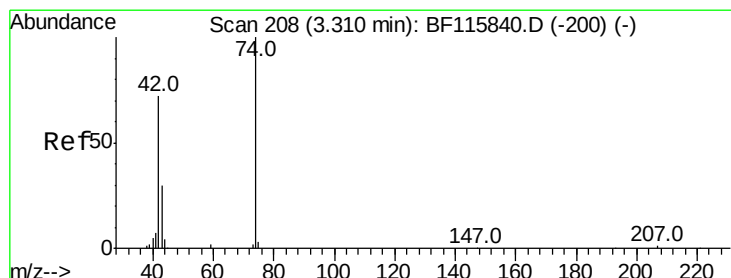
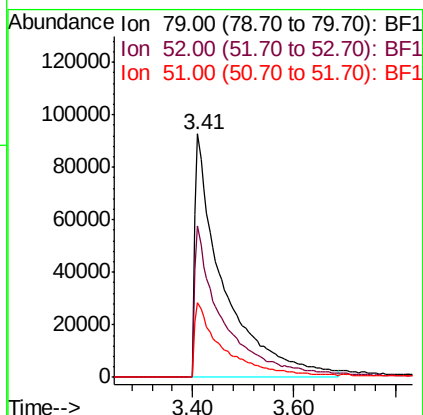
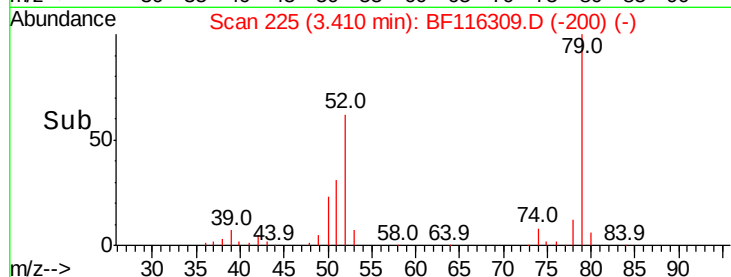
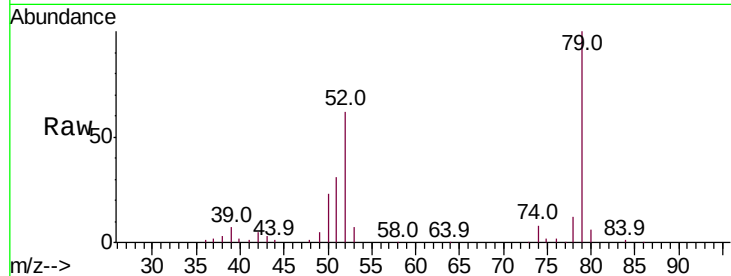
#3
 Pvridine
 Concen: 34.345 ng
 RT: 3.41 min Scan# 225
 Delta R.T. 0.05 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.1	49.8	74.8
51	30.8	25.2	37.8

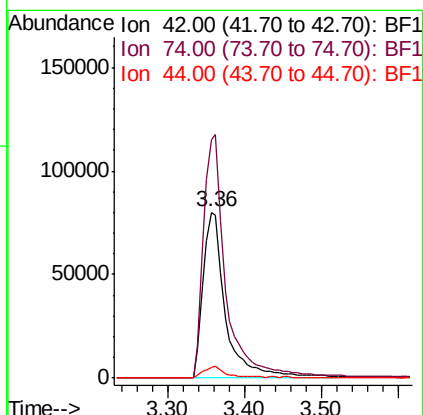
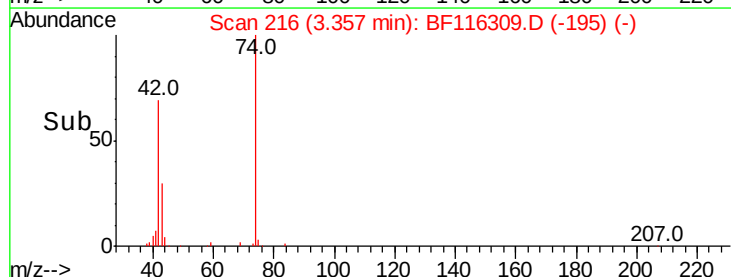
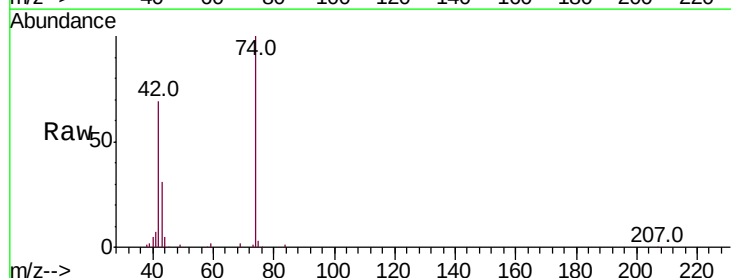
Manual Integrations
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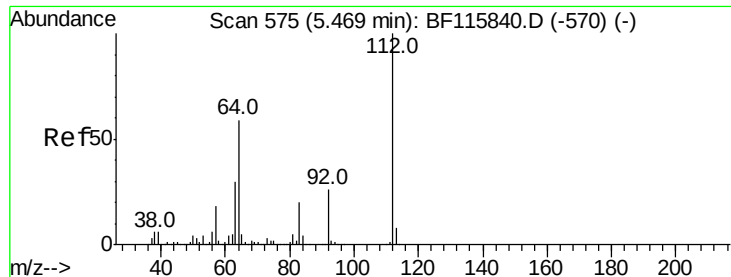
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 8/20/2019 8:36:43 AM



#4
 n-Nitrosodimethylamine
 Concen: 39.756 ng
 RT: 3.36 min Scan# 216
 Delta R.T. 0.02 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Lower	Upper
42	100		
74	144.2	116.0	174.0
44	6.6	4.6	7.0





#5

2-Fluorophenol

Concen: 120.183 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Instrument :

BNA_F

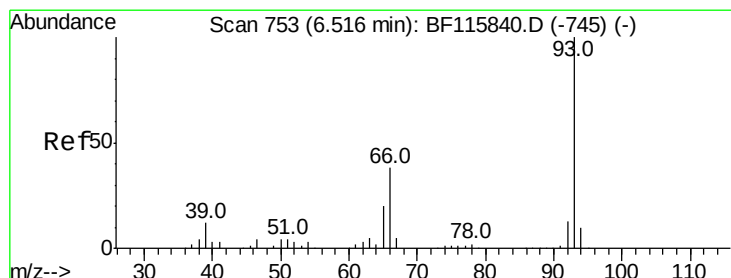
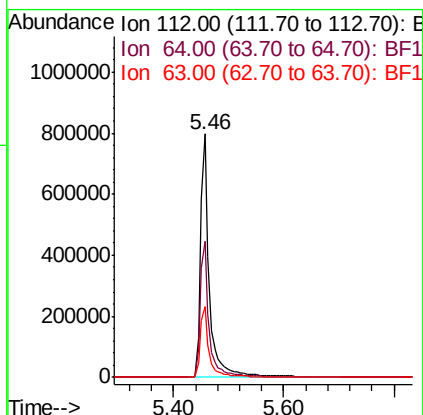
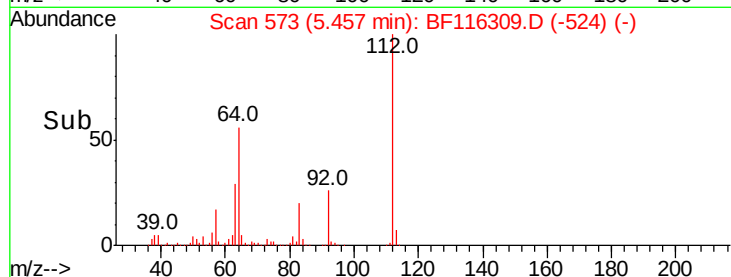
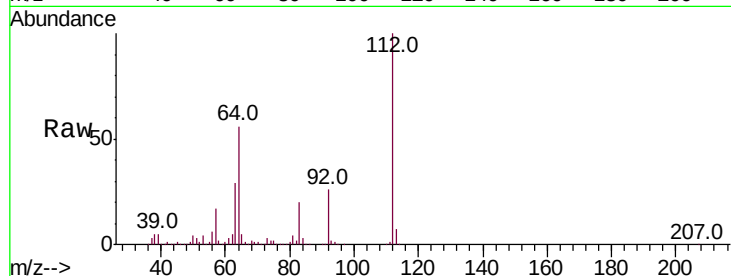
ClientSampleId :

PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	893640		
64	56.1	45.4	68.2	
63	29.3	23.7	35.5	

Manual Integrations
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#6

Aniline

Concen: 29.869 ng

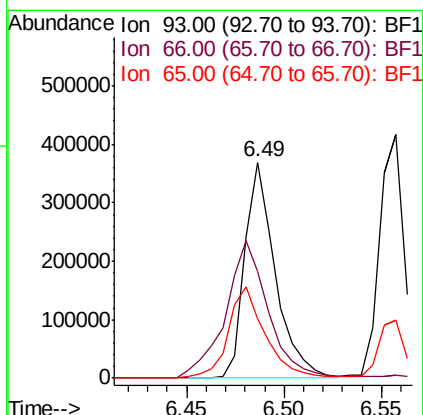
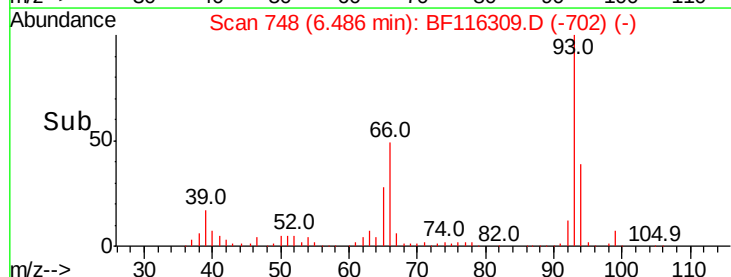
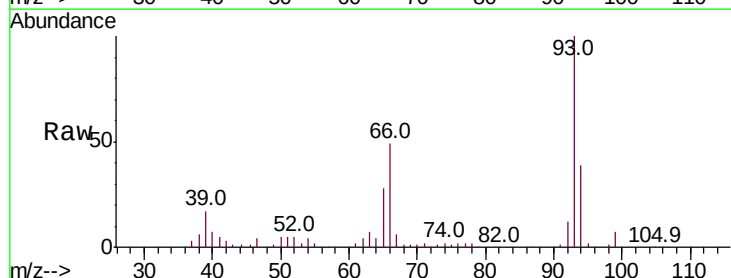
RT: 6.49 min Scan# 748

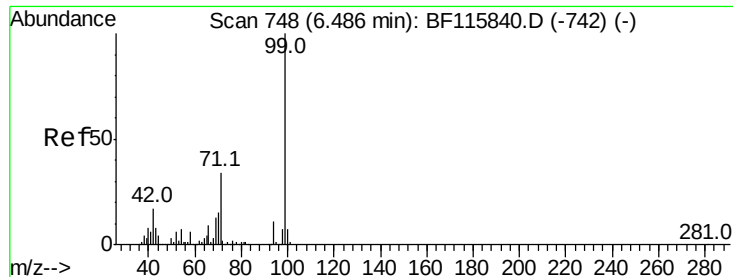
Delta R.T. -0.03 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	401304		
66	49.3	32.2	48.4#	
65	27.8	17.0	25.6#	





#7

Phenol-d6

Concen: 115.329 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Instrument :

BNA_F

ClientSampleId :

PB122249BS

Tot Ion: 99 Resp: 1081954

Ion Ratio Lower Upper

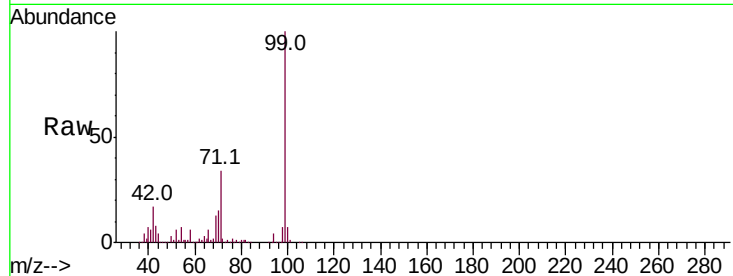
99 100

42 17.2 13.8 20.8

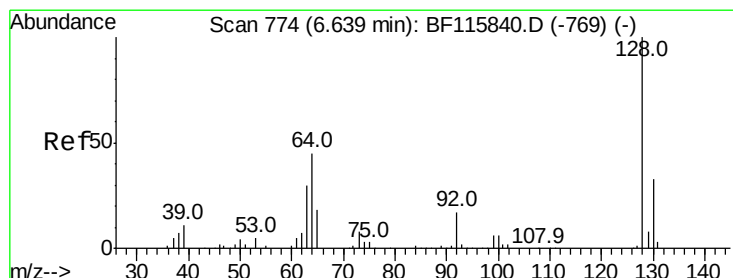
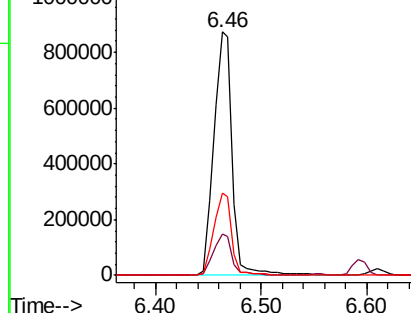
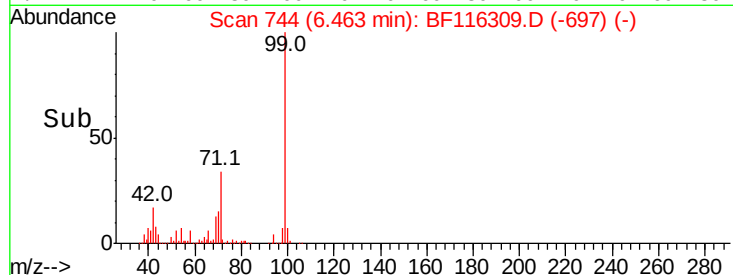
71 34.1 27.3 40.9

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Abundance Ion 99.00 (98.70 to 99.70): BF1
1200000
Ion 42.00 (41.70 to 42.70): BF1
1000000
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 45.956 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.03 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

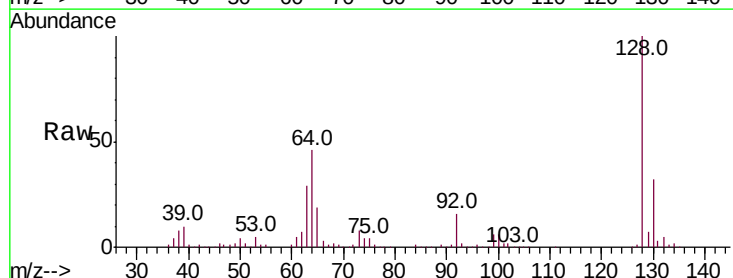
Tgt Ion: 128 Resp: 377869

Ion Ratio Lower Upper

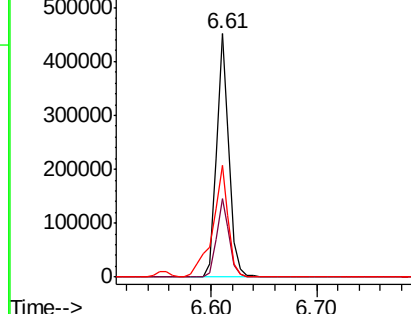
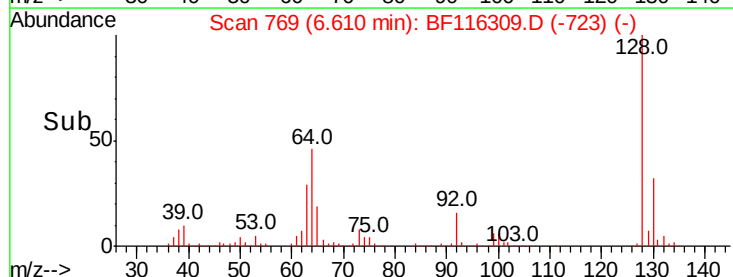
128 100

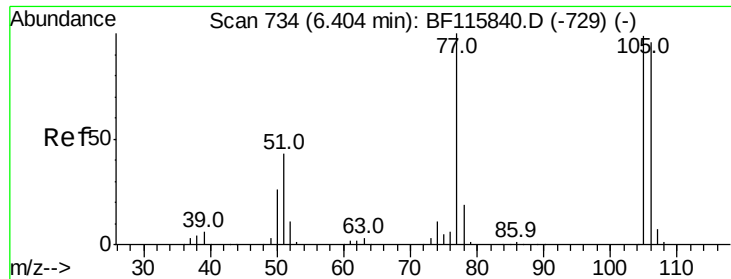
130 32.4 12.9 52.9

64 45.8 24.3 64.3



Abundance Ion 128.00 (127.70 to 128.70): E
600000
Ion 130.00 (129.70 to 130.70): E
500000
Ion 64.00 (63.70 to 64.70): BF1





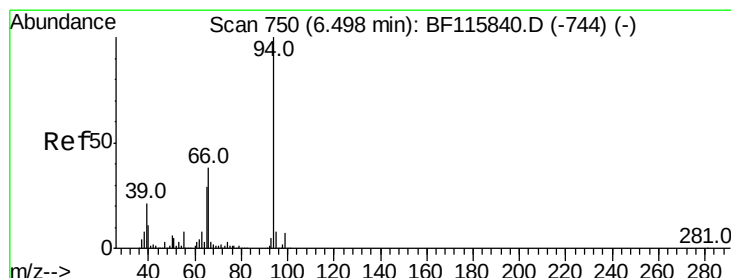
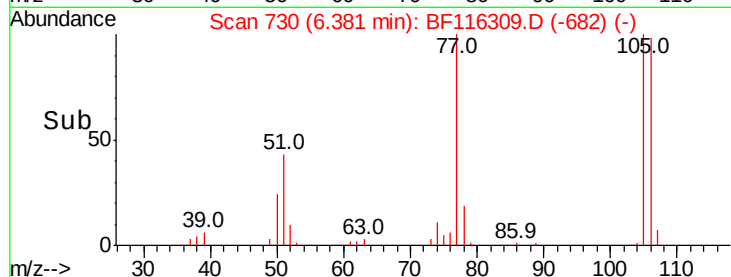
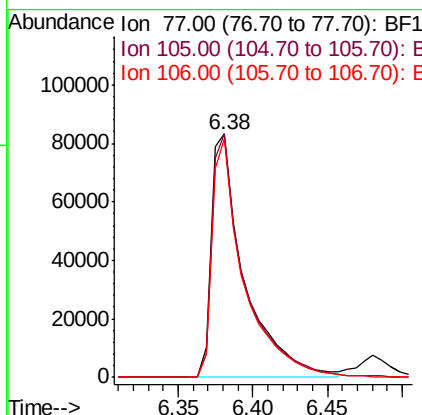
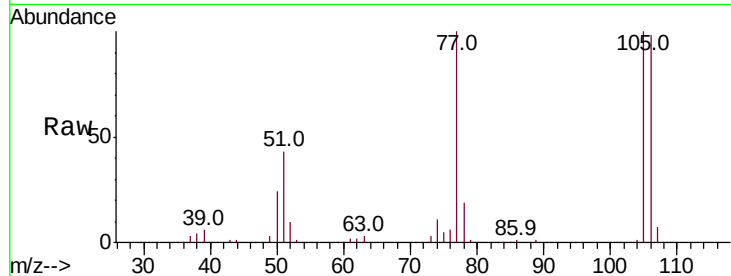
#9
Benzaldehyde
Concen: 19.654 ng
RT: 6.38 min Scan# 730
Delta R.T. -0.02 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.9	79.2	119.2
106	97.8	74.3	114.3

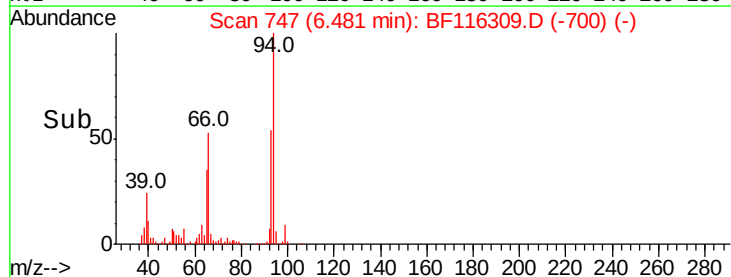
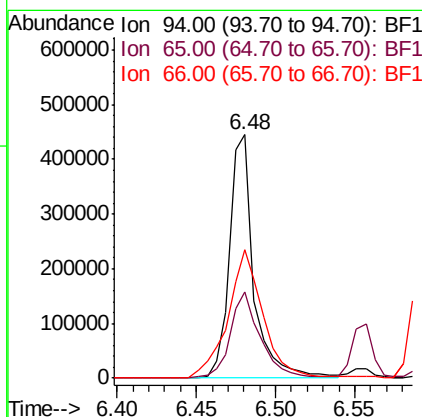
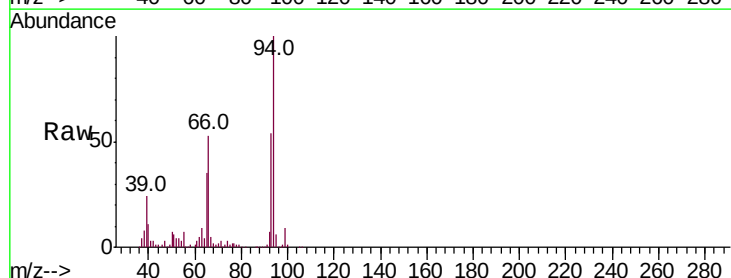
Manual Integrations
APPROVED

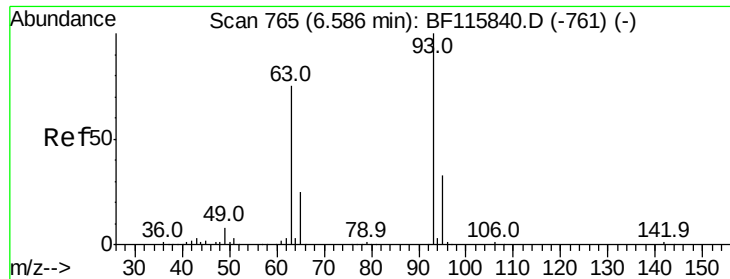
mohammad
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#10
Phenol
Concen: 42.980 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.02 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	35.2	16.8	56.8
66	52.9	34.2	74.2





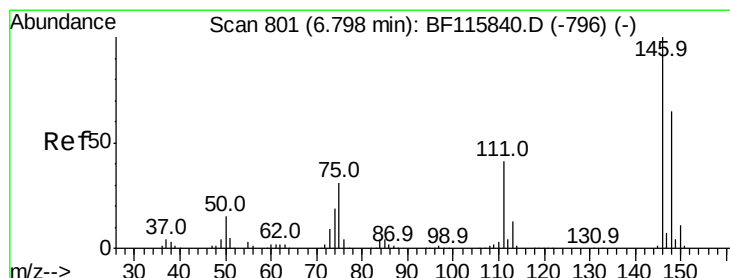
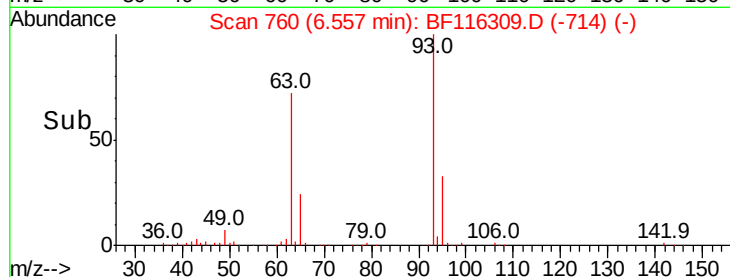
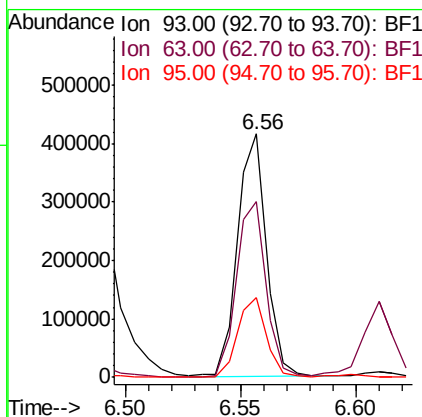
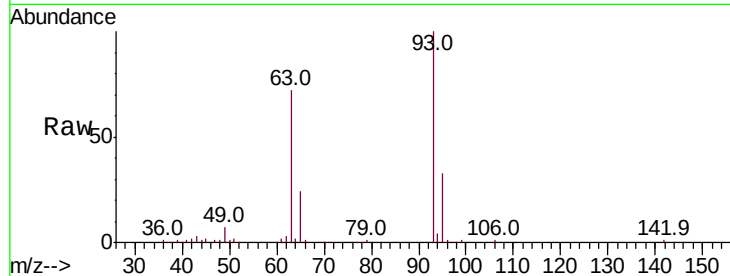
#11
bis(2-Chloroethyl)ether
Concen: 44.441 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Resp Lower	Upper
93	100		
63	72.3	51.9	91.9
95	33.0	13.0	53.0

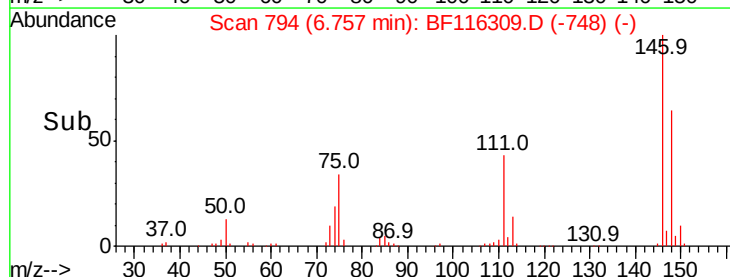
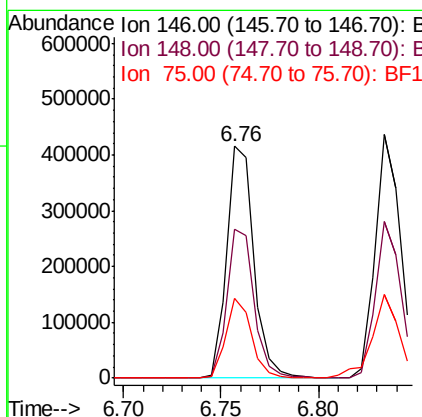
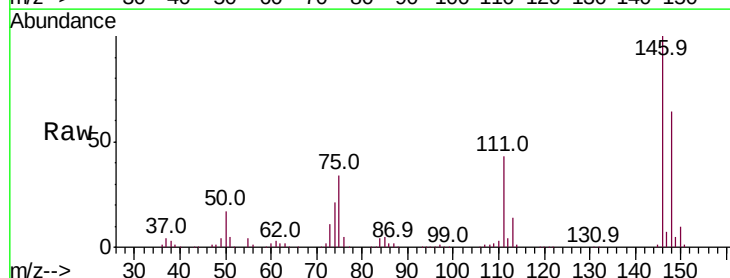
Manual Integrations
APPROVED

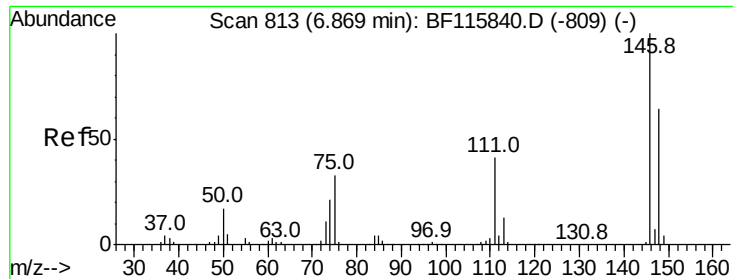
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.246 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	64.3	51.3	76.9
75	34.4	27.4	41.2





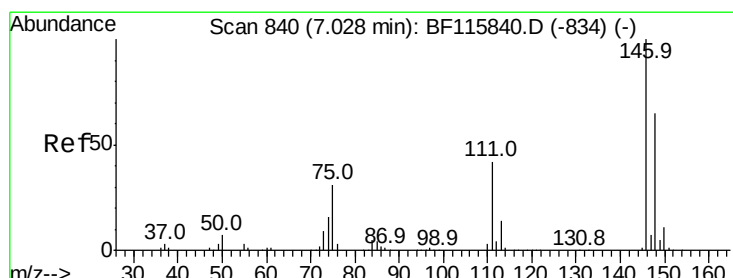
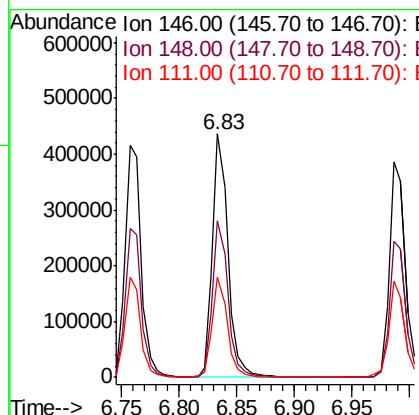
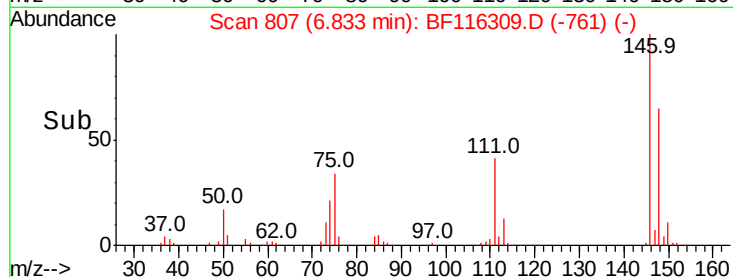
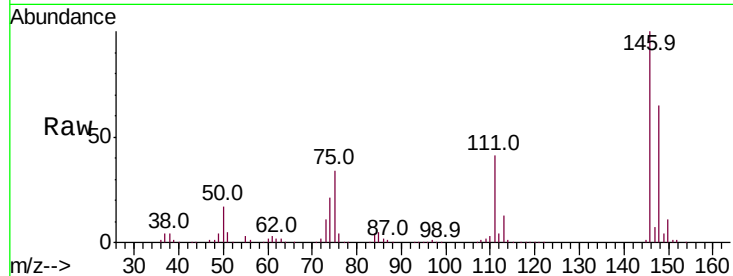
#13
 1,4-Dichlorobenzene
 Concen: 43.238 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.03 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Instrument :
 BNA_F
 ClientSampled :
 PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	411396		
148	64.5	51.3	76.9	
111	41.4	34.0	51.0	

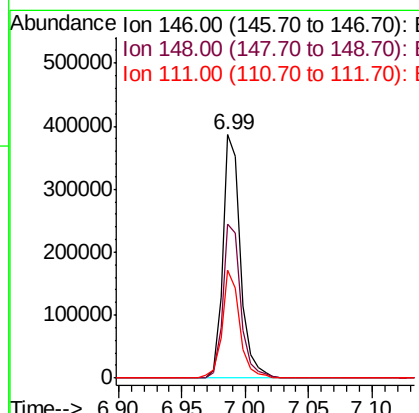
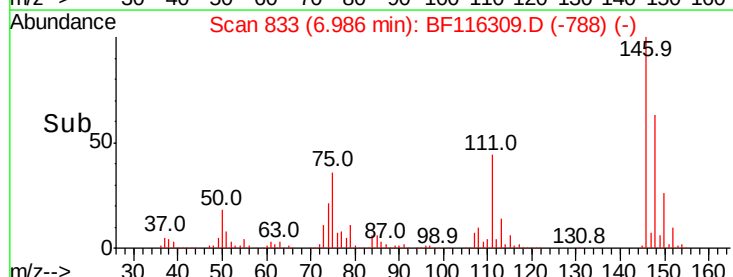
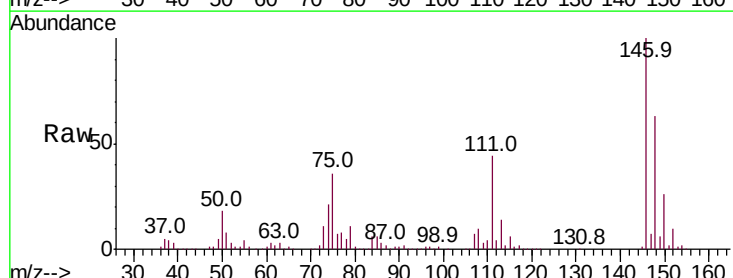
Manual Integrations
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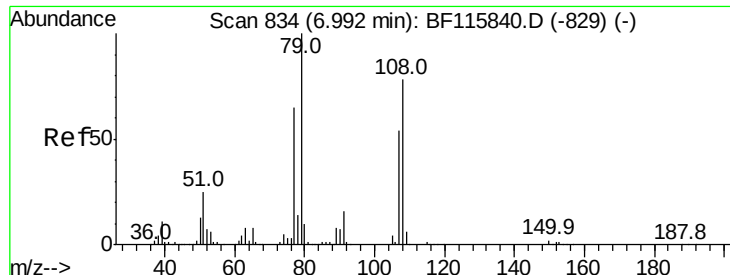
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#14
 1,2-Dichlorobenzene
 Concen: 42.955 ng
 RT: 6.99 min Scan# 833
 Delta R.T. -0.04 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	376323		
148	63.2	51.2	76.8	
111	44.5	33.5	50.3	





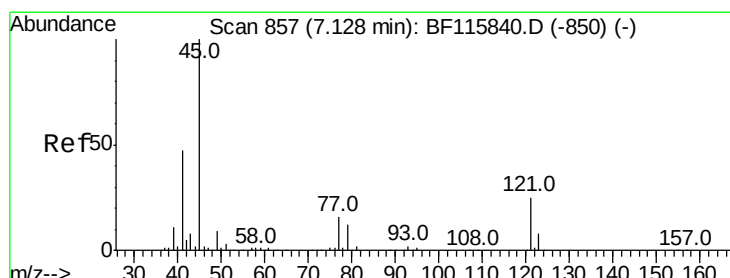
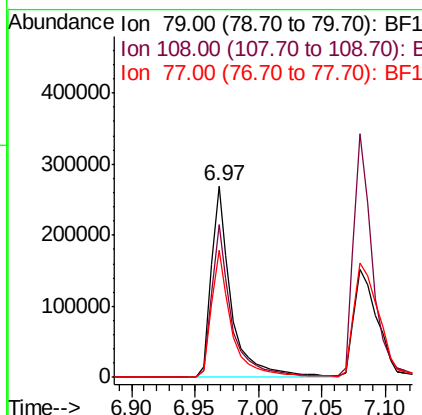
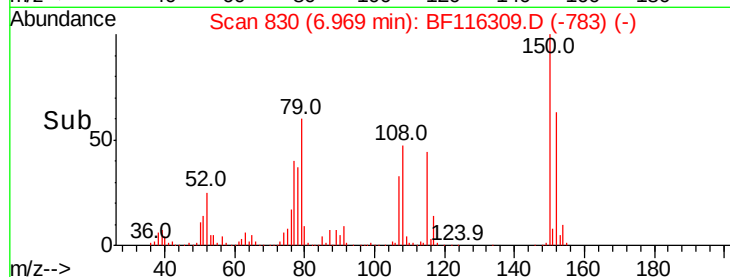
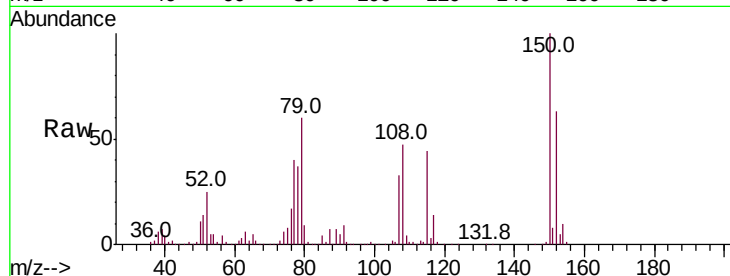
#15
Benzyl Alcohol
Concen: 41.853 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampled :
PB122249BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.7	62.7	94.1
77	66.6	52.2	78.2

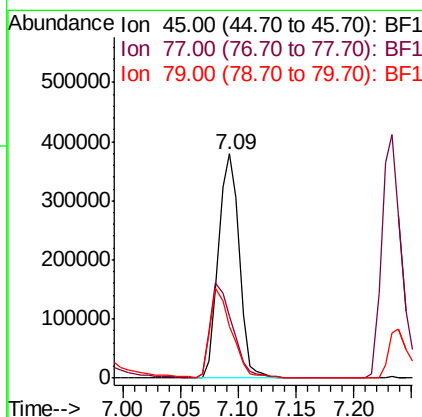
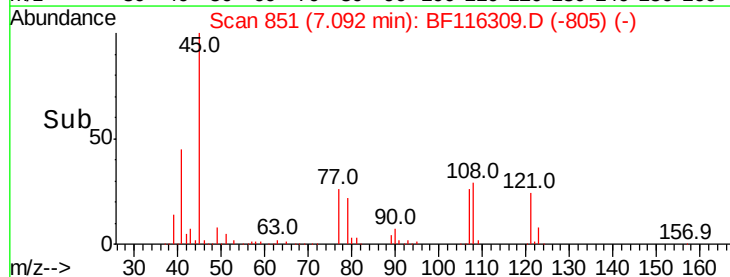
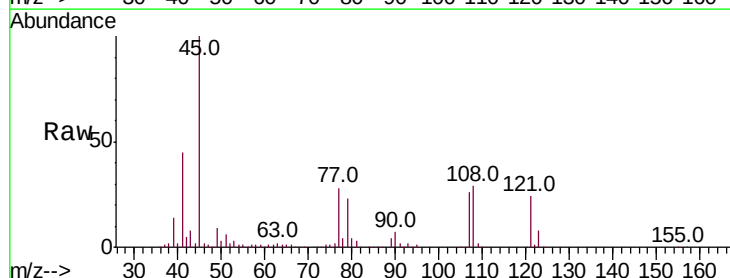
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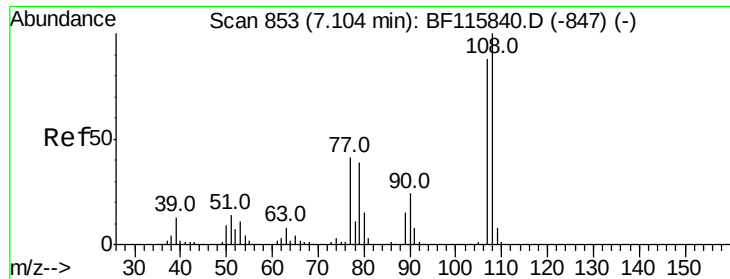
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.744 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.5	0.0	40.0
79	23.1	0.0	35.9





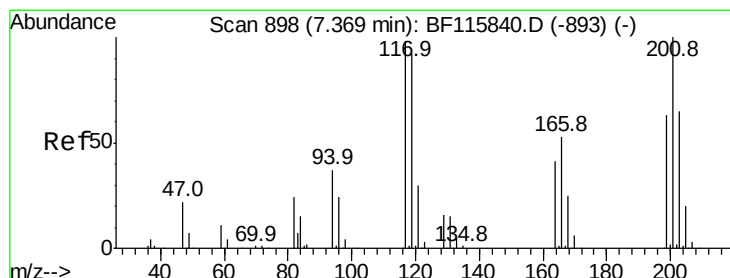
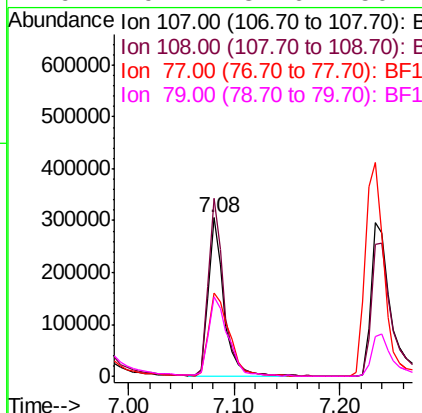
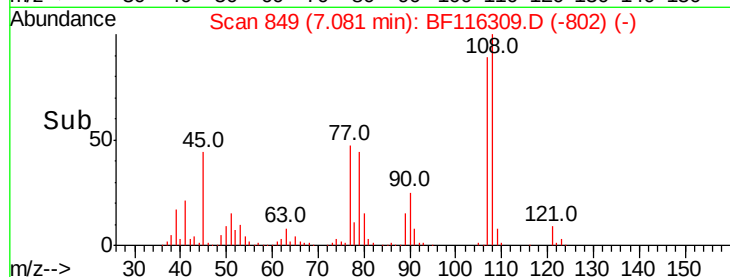
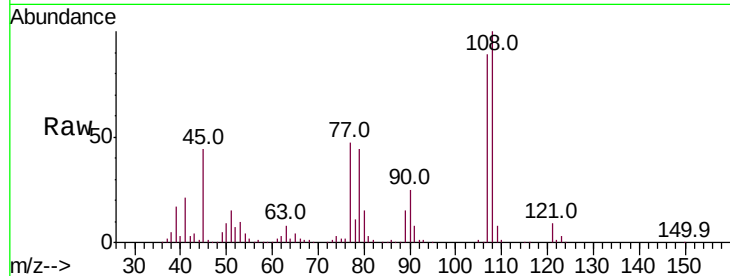
#17
2-Methylphenol
Concen: 44.634 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.02 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	107	Resp	310757
Ion Ratio	Lower	Upper	
107	100		
108	112.0	91.2	136.8
77	52.9	40.3	60.5
79	49.7	37.6	56.4

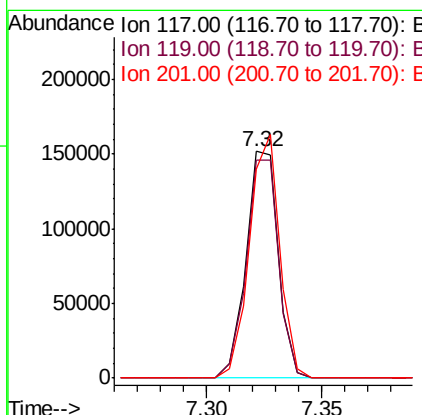
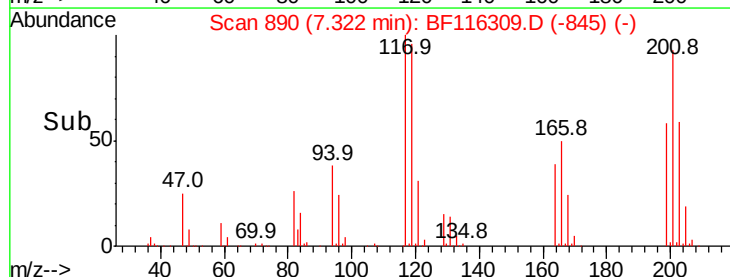
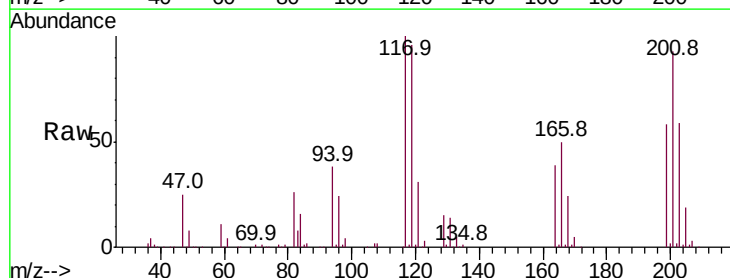
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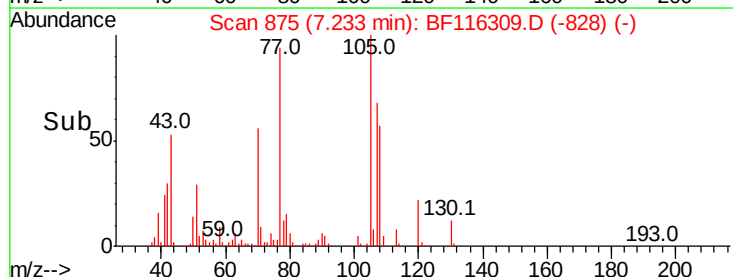
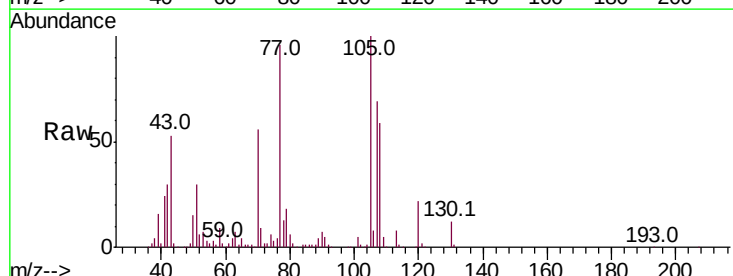
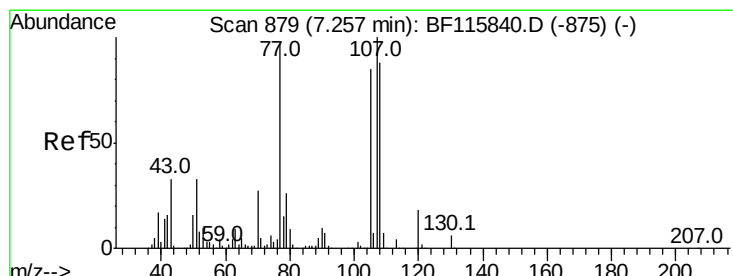
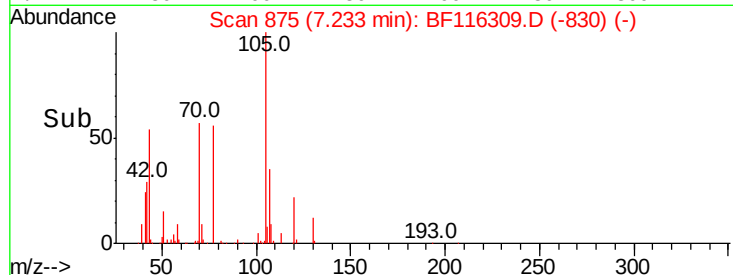
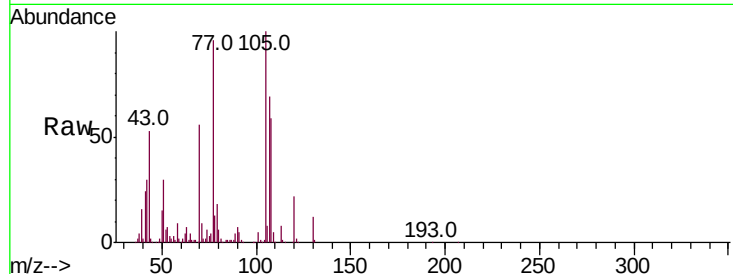
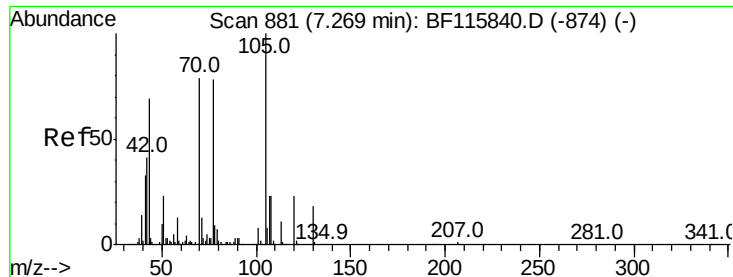
mohammad
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#18
Hexachloroethane
Concen: 42.381 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	117	Resp	148464
Ion Ratio	Lower	Upper	
117	100		
119	96.5	76.1	114.1
201	92.6	77.0	115.4





#19

n-Nitroso-di-n-propylamine

Concen: 43.897 ng

RT: 7.23 min Scan# 875

Delta R.T. -0.04 min

Lab File: BF116309.D

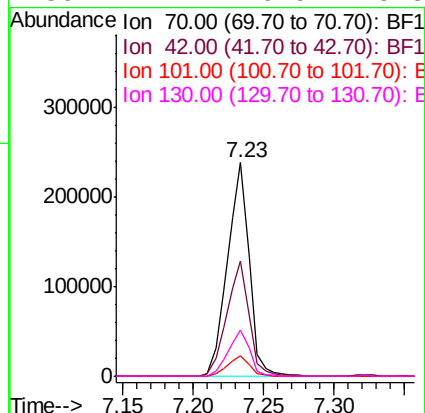
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.7	40.9	61.3		
101	9.8	7.9	11.9		
130	21.4	16.9	25.3		

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#20

3+4-Methylphenols

Concen: 47.125 ng

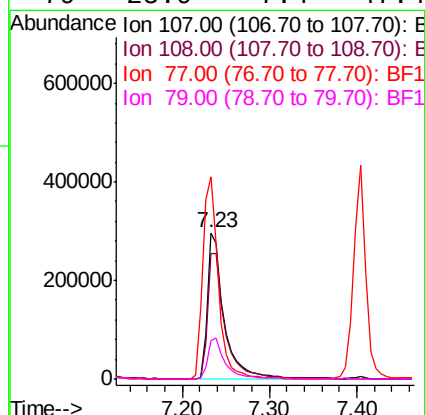
RT: 7.23 min Scan# 875

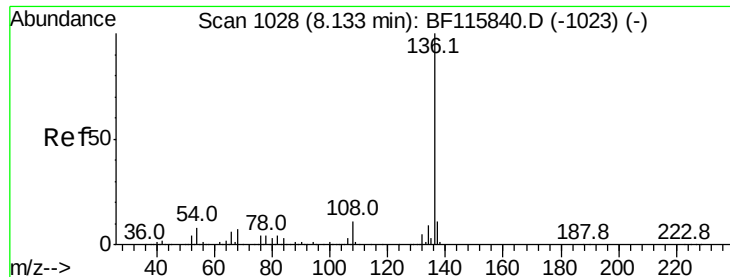
Delta R.T. -0.02 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.6	67.6	107.6		
77	138.9	104.4	144.4		
79	25.9	7.4	47.4		





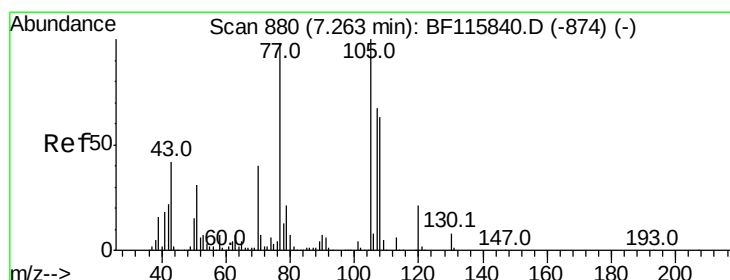
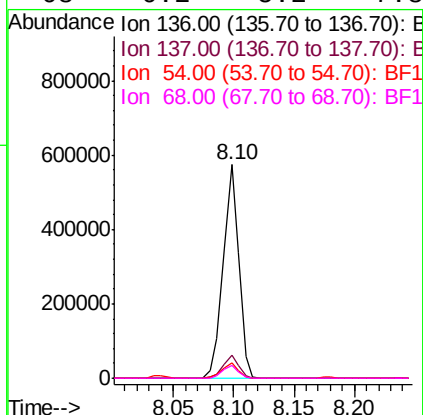
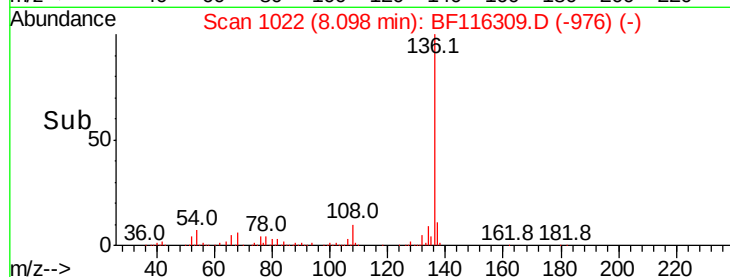
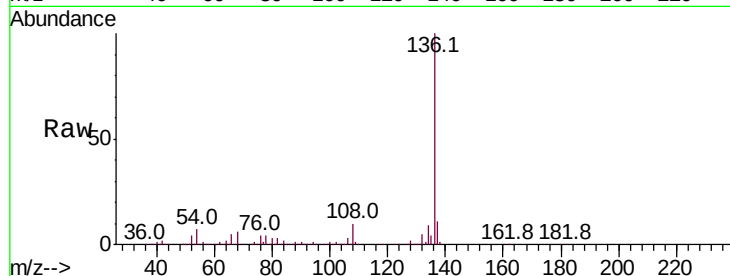
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	9.0	13.4	
54	7.1	5.8	8.6	
68	6.2	5.2	7.8	

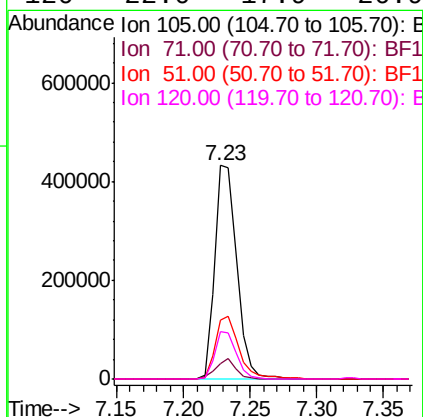
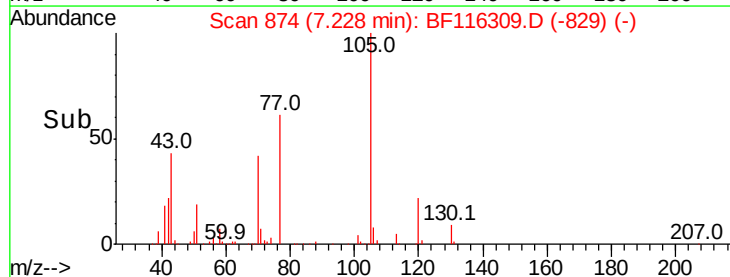
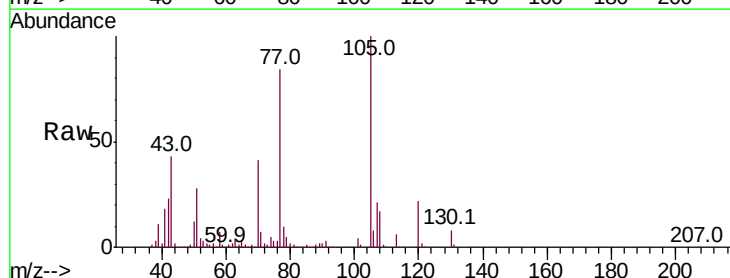
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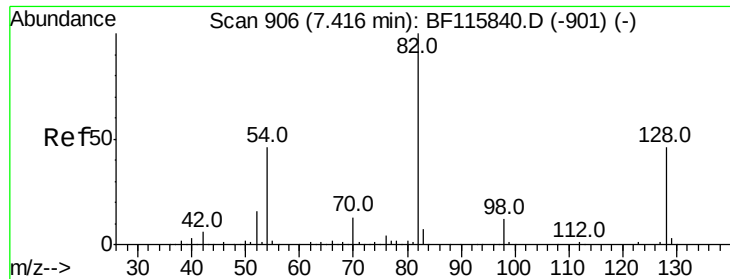
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#22
Acetophenone
Concen: 44.977 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.1	5.9	8.9	
51	27.8	25.3	37.9	
120	22.0	17.9	26.9	





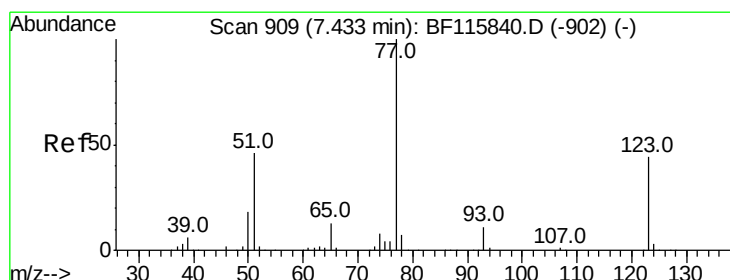
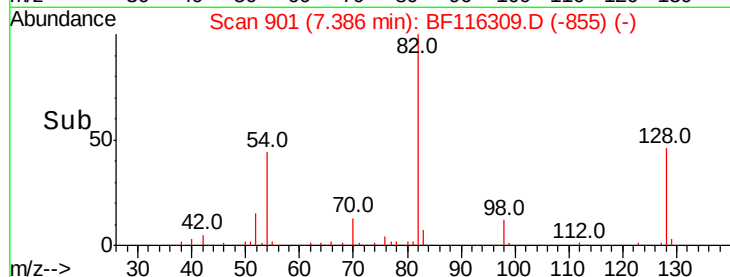
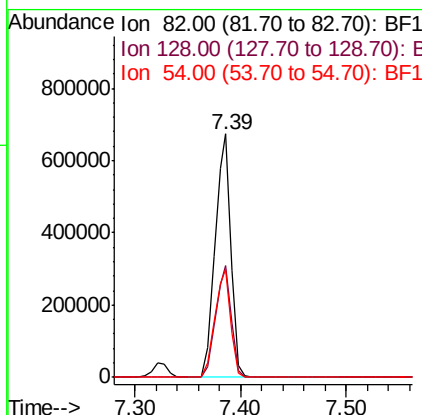
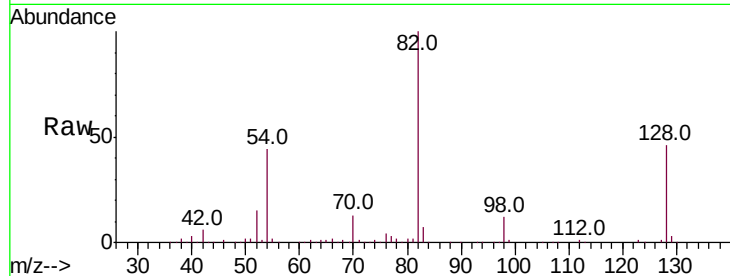
#23
 Nitrobenzene-d5
 Concen: 80.061 ng
 RT: 7.39 min Scan# 901
 Delta R.T. -0.03 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Instrument :
 BNA_F
 ClientSampleID :
 PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.9	36.5	54.7	
54	44.3	36.0	54.0	

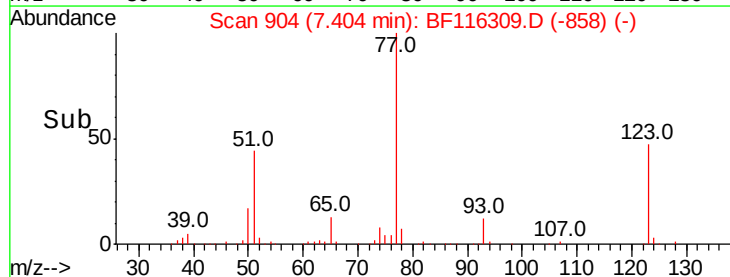
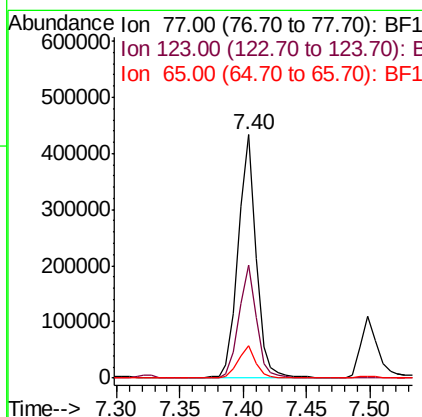
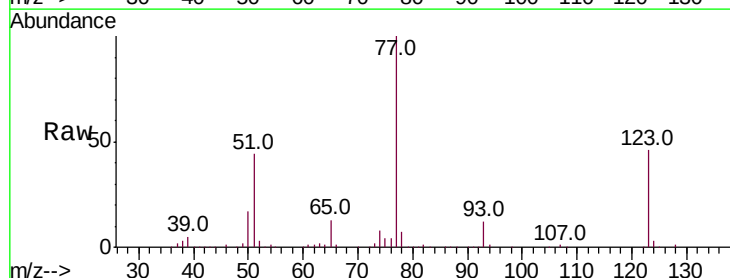
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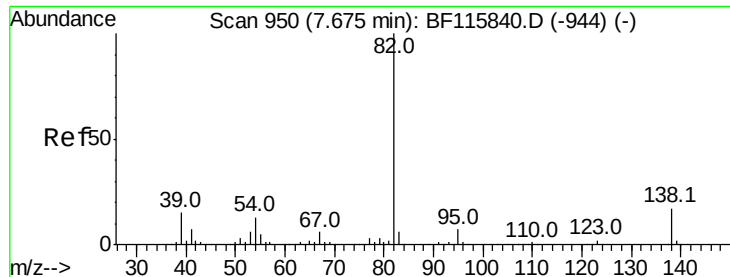
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#24
 Nitrobenzene
 Concen: 43.623 ng
 RT: 7.40 min Scan# 904
 Delta R.T. -0.03 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.4	36.7	55.1	
65	13.3	10.6	16.0	





#25

Isophorone

Concen: 44.244 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.04 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Instrument :

BNA_F

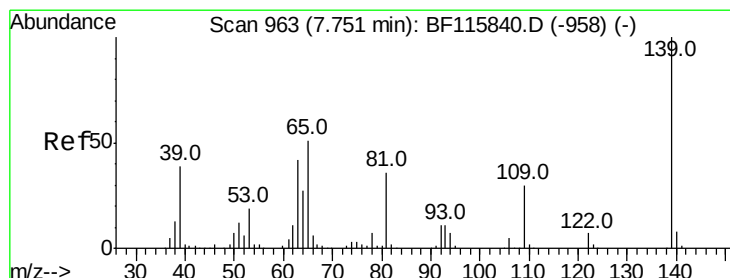
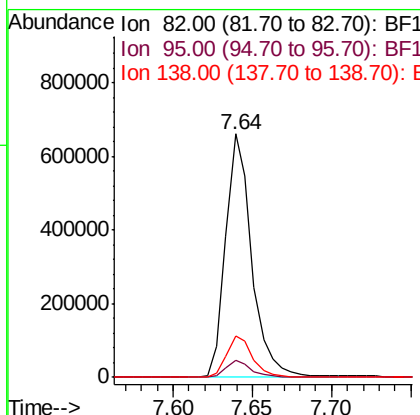
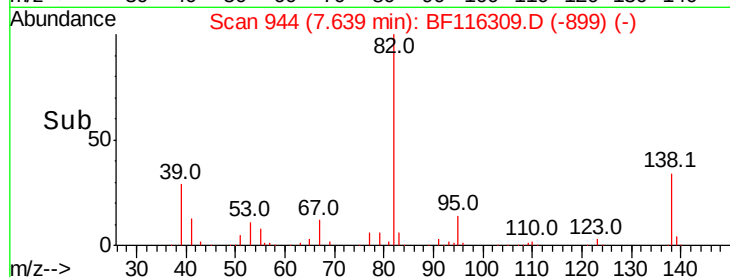
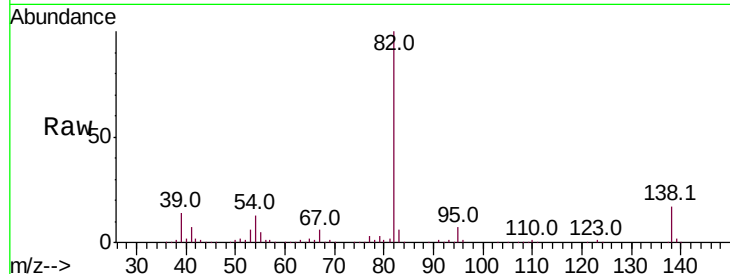
ClientSampleId :

PB122249BS

Tot Ion:	82	Resp:	755211
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.0
138	16.8	14.5	21.7

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#26

2-Nitrophenol

Concen: 45.156 ng

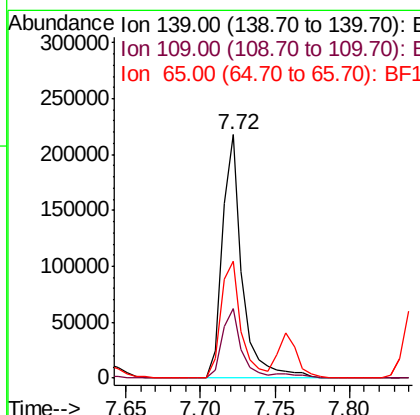
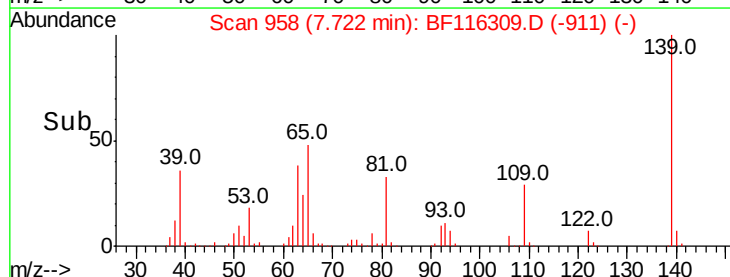
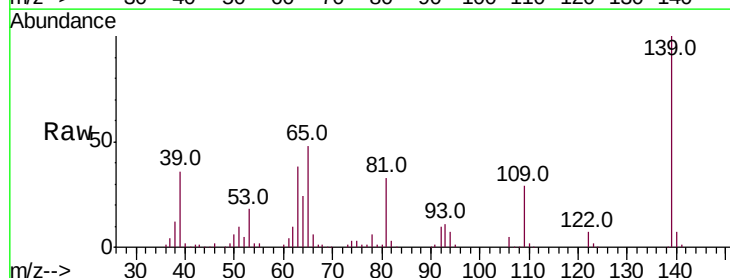
RT: 7.72 min Scan# 958

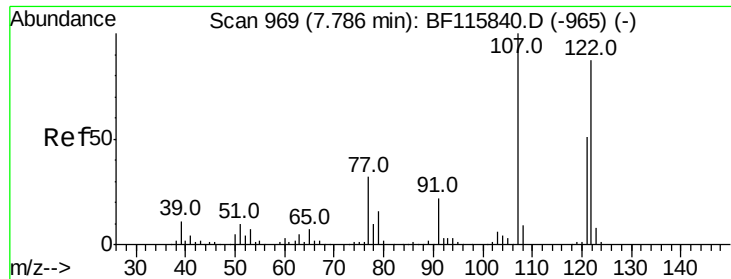
Delta R.T. -0.02 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Tgt Ion:	139	Resp:	205168
Ion Ratio	Lower	Upper	
139	100		
109	28.6	23.4	35.2
65	48.1	41.1	61.7





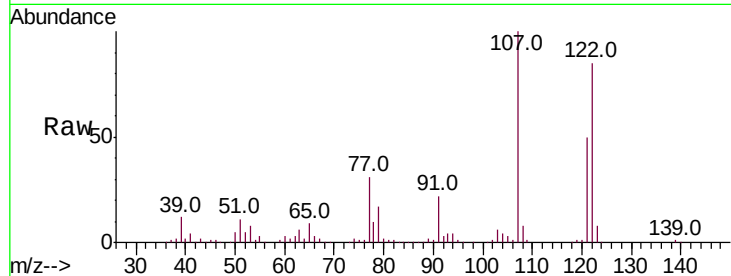
#27
2,4-Dimethylphenol
Concen: 48.358 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

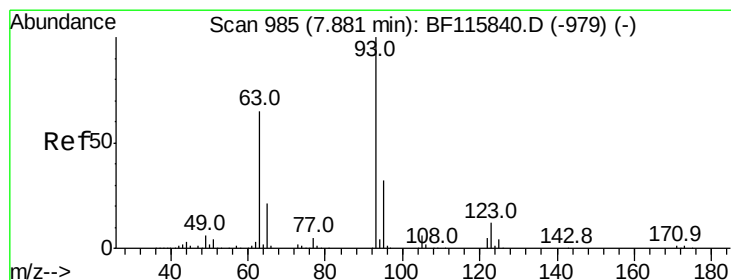
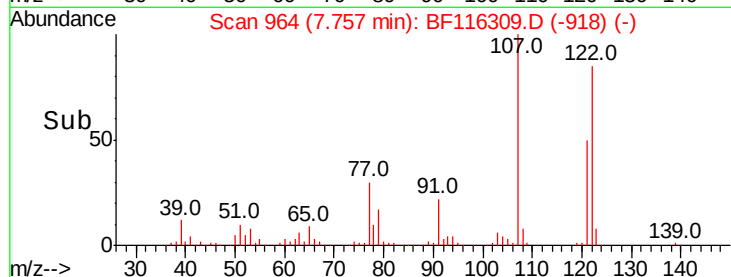
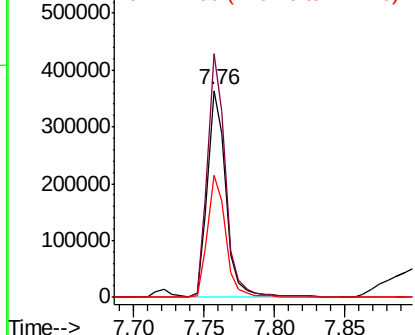
Tot Ion	Ratio	Lower	Upper
122	100		
107	117.9	93.0	139.6
121	58.9	47.6	71.4

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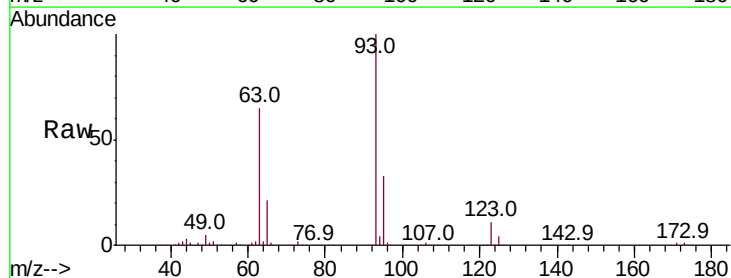


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

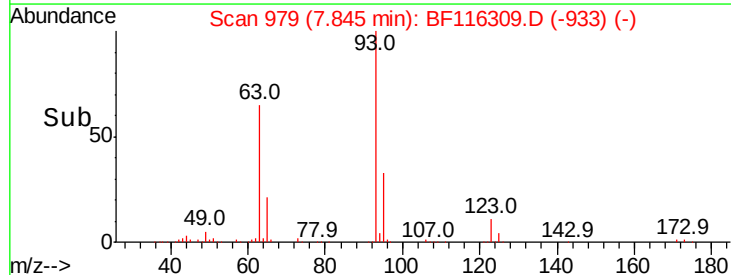
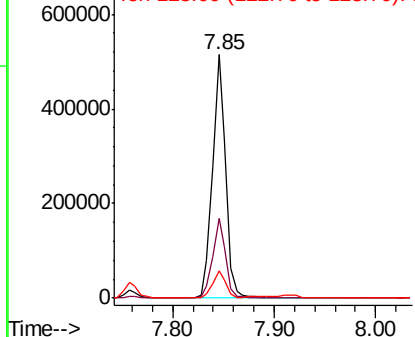


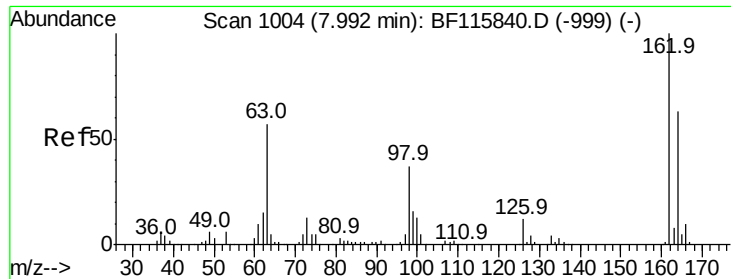
#28
bis(2-Chloroethoxy)methane
Concen: 43.910 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	11.4	9.2	13.8



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





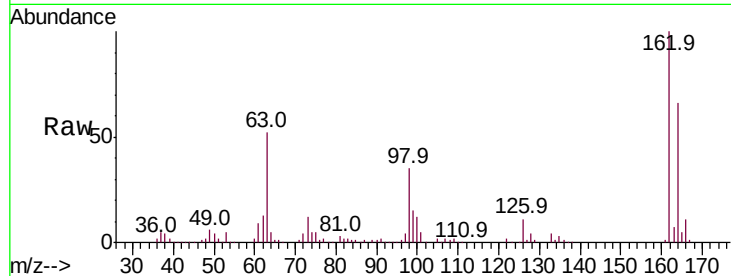
#29
 2,4-Dichlorophenol
 Concen: 45.205 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. -0.02 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.5	45.1	85.1
98	35.0	15.8	55.8

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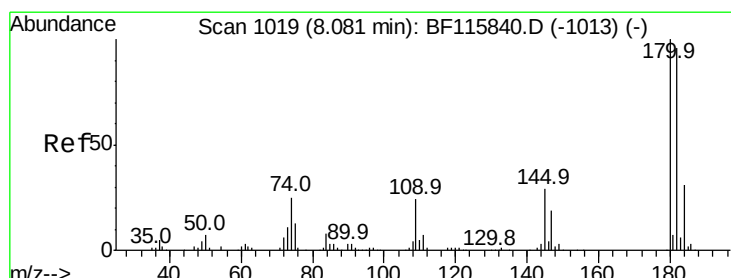
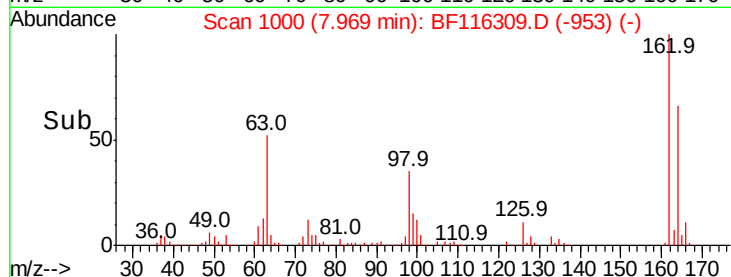
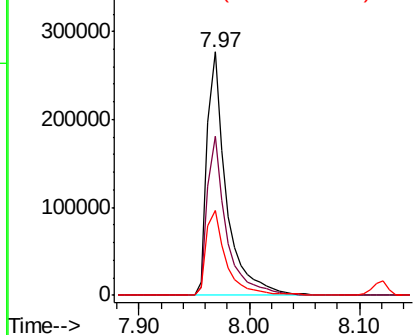


Abundance

Ion 162.00 (161.70 to 162.70): E

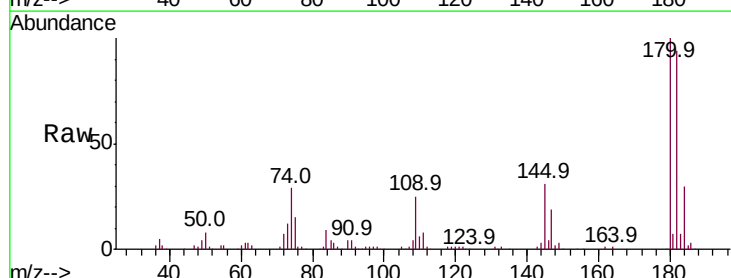
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.381 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. -0.03 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	94.0	75.7	113.5
145	31.1	24.3	36.5

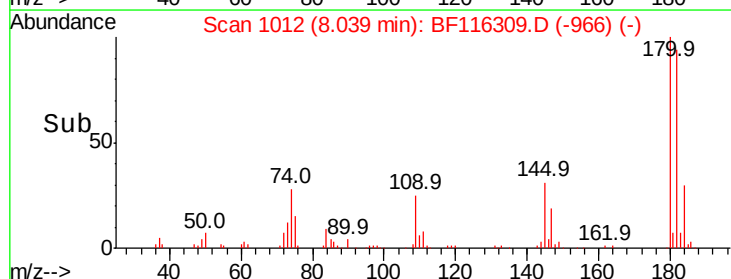
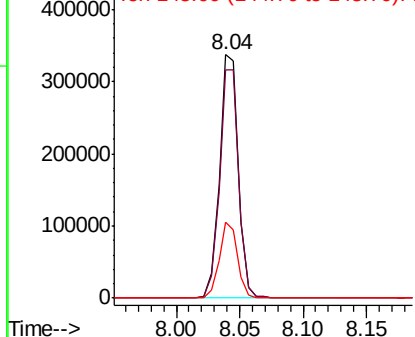


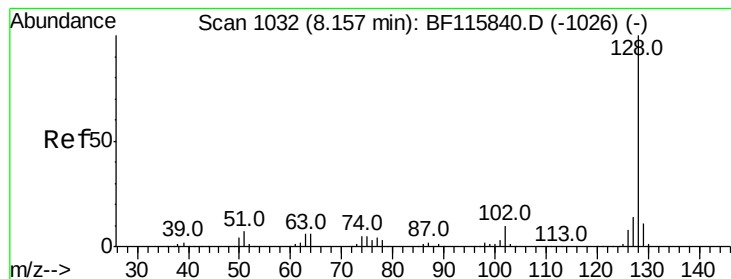
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 44.360 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.03 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Instrument :

BNA_F

ClientSampleId :

PB122249BS

Tot Ion:128 Resp: 1075638

Ion Ratio Lower Upper

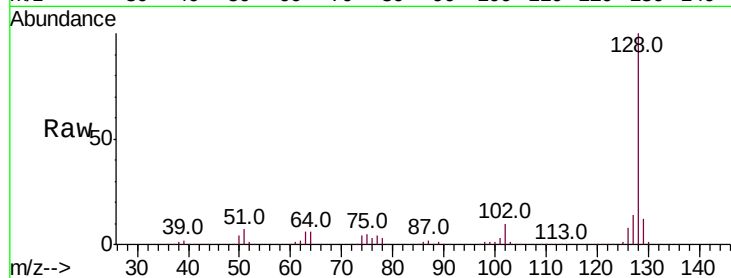
128 100

129 11.6 9.3 13.9

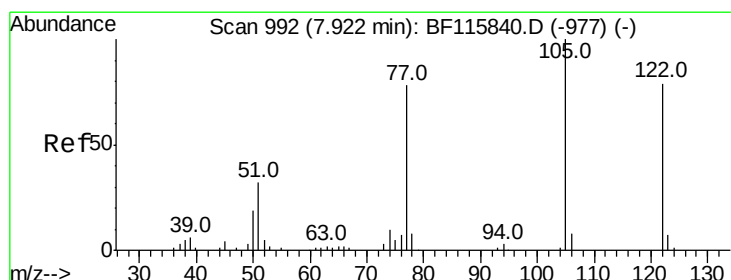
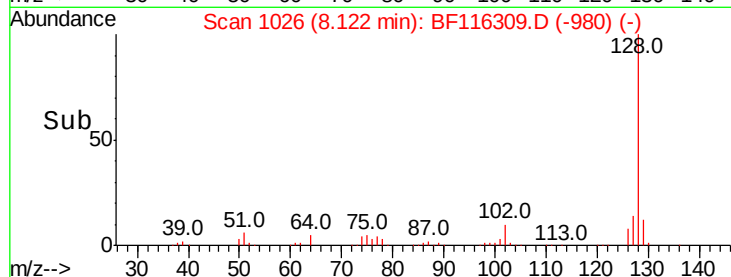
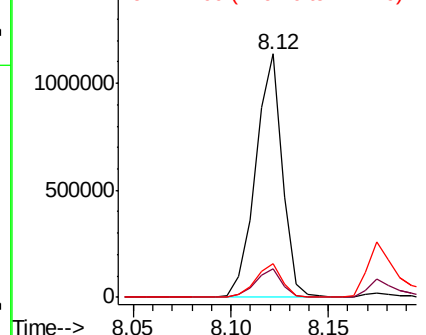
127 13.8 11.4 17.0

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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: 40.213 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.02 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

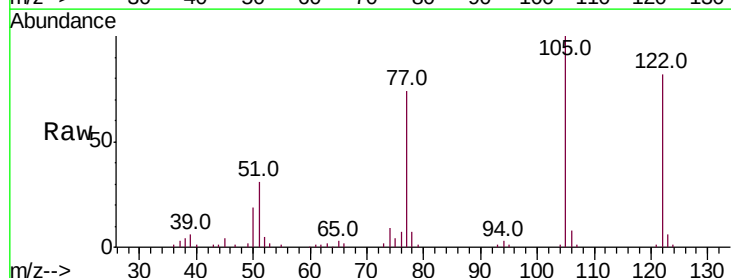
Tgt Ion:122 Resp: 193804

Ion Ratio Lower Upper

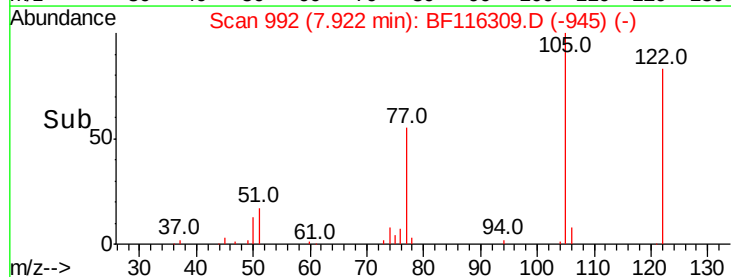
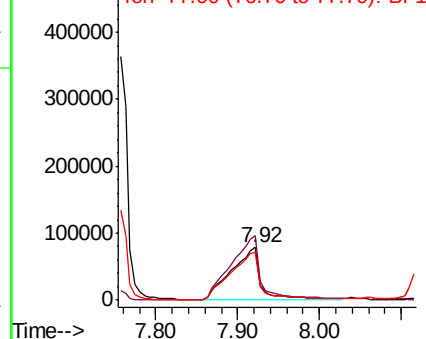
122 100

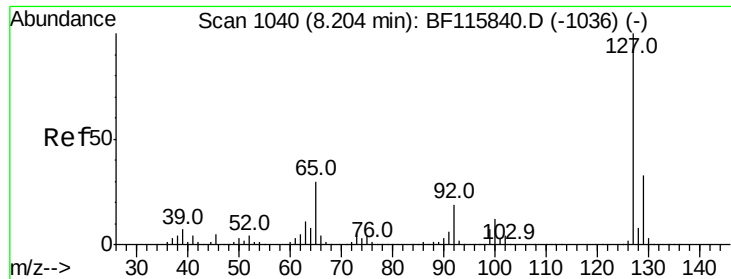
105 122.6 106.1 146.1

77 90.6 76.7 116.7



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): BF1





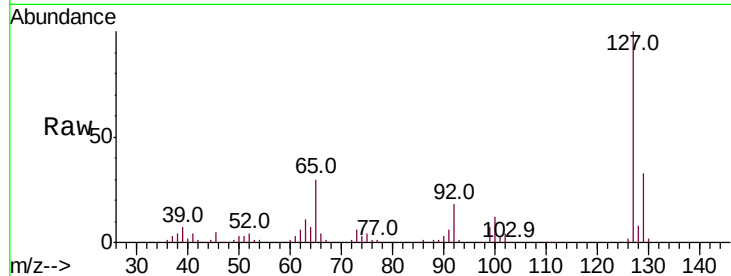
#33
4-Chloroaniline
Concen: 27.709 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.02 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

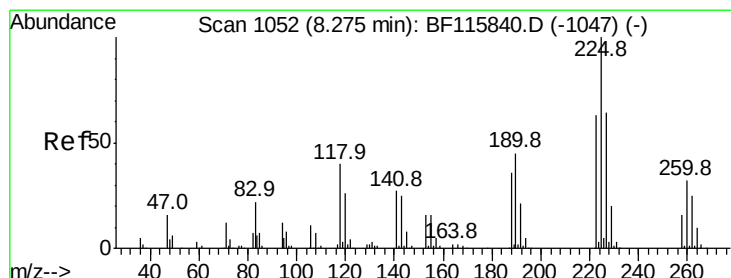
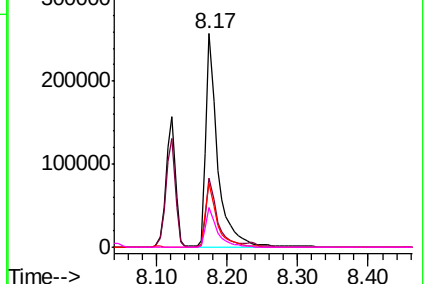
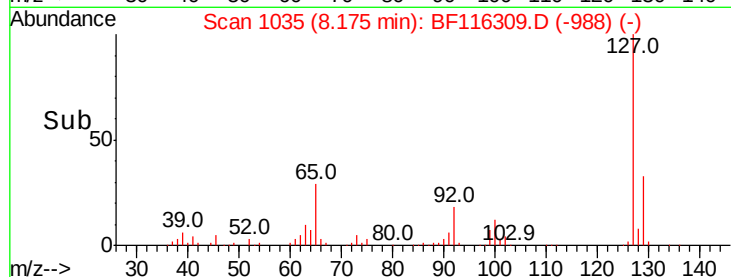
Tot Ion	Ratio	Resp Lower	Upper
127	100		
129	32.6	26.1	39.1
65	30.1	24.9	37.3
92	18.3	15.7	23.5

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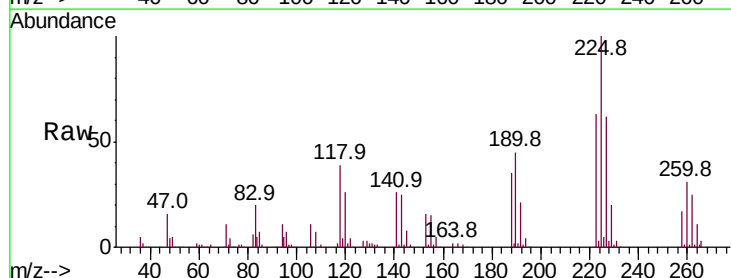


Abundance Ion 127.00 (126.70 to 127.70): E
400000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

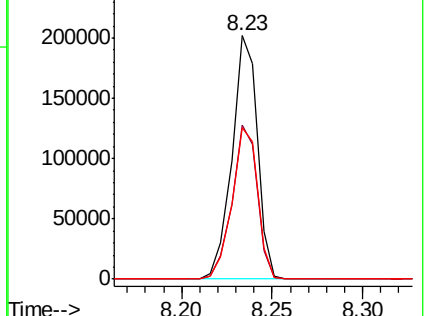
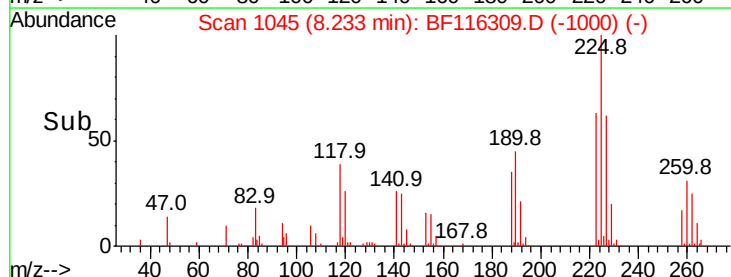


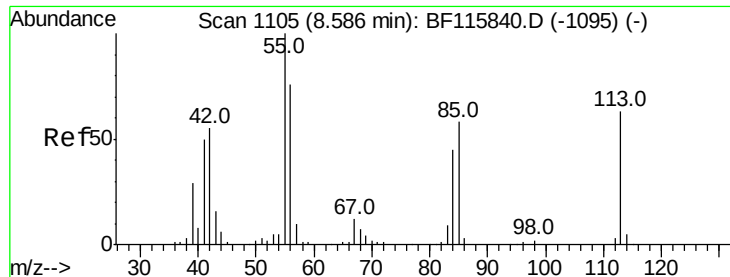
#34
Hexachlorobutadiene
Concen: 41.480 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.04 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Resp Lower	Upper
225	100		
223	63.1	50.0	75.0
227	62.1	51.0	76.4



Abundance Ion 225.00 (224.70 to 225.70): E
250000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





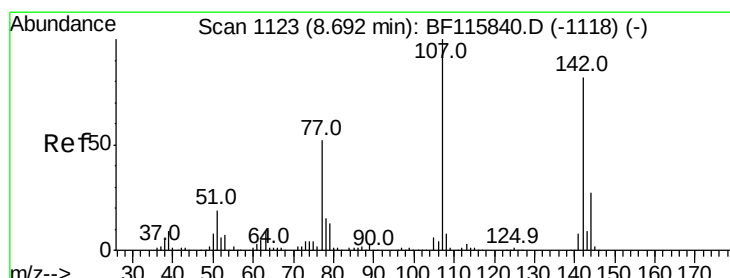
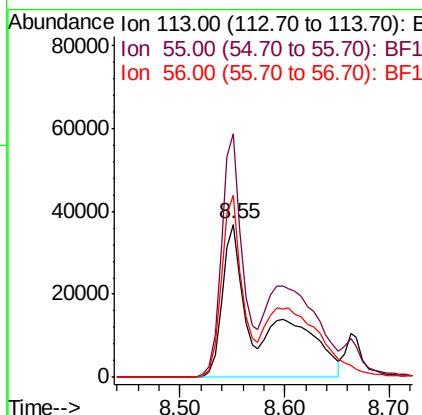
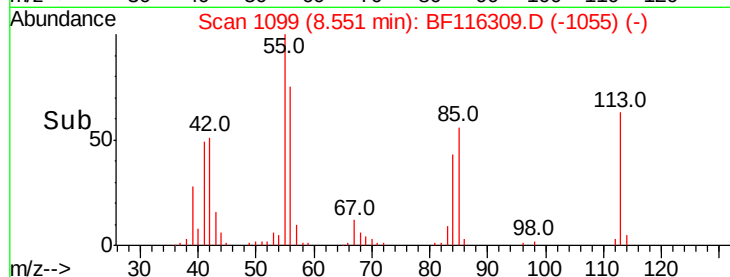
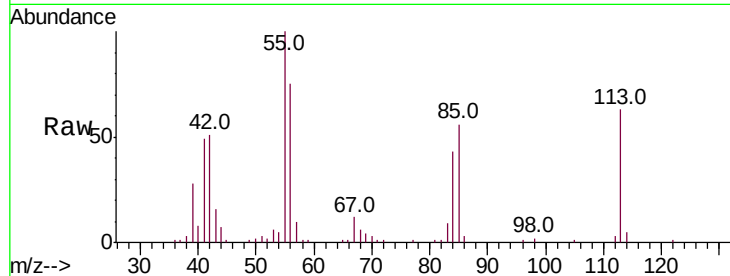
#35
 Caprolactam
 Concen: 42.018 ng/ml
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.04 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	159.0	144.3	184.3
56	119.1	97.1	137.1

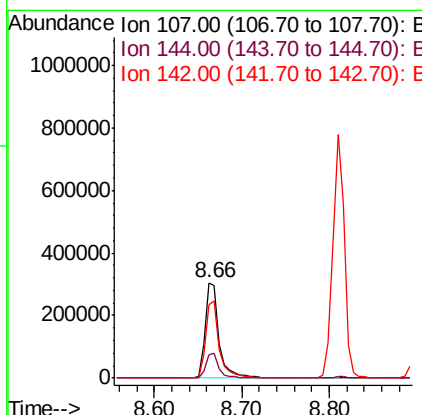
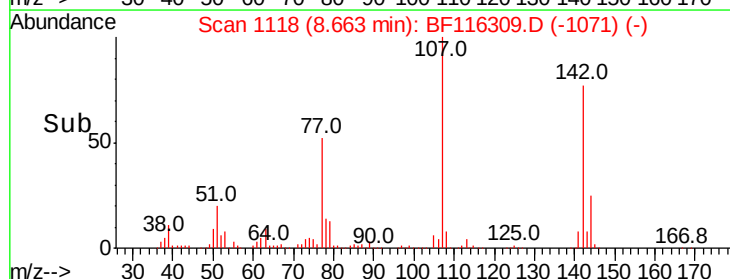
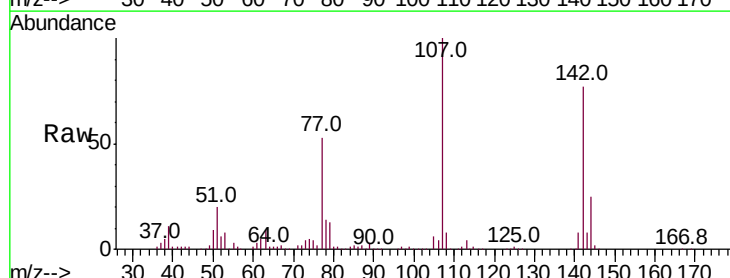
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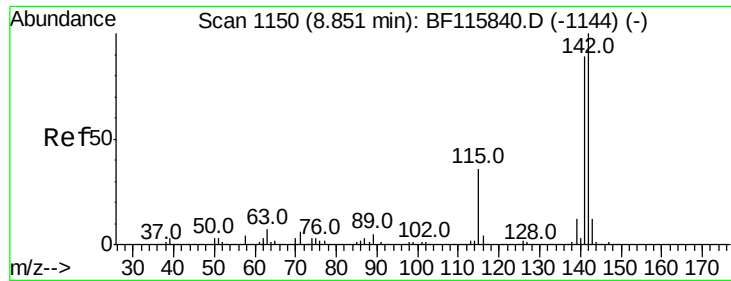
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#36
 4-Chloro-3-methylphenol
 Concen: 44.708 ng/ml
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.02 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.9	20.2	30.2
142	76.5	61.7	92.5





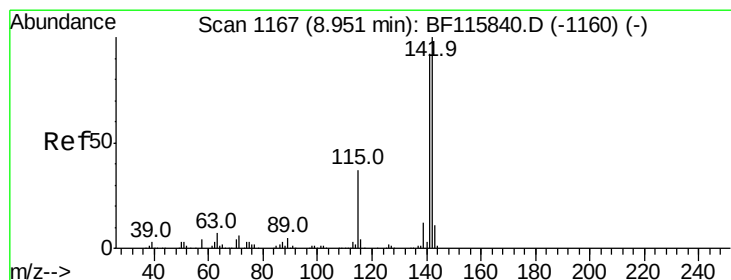
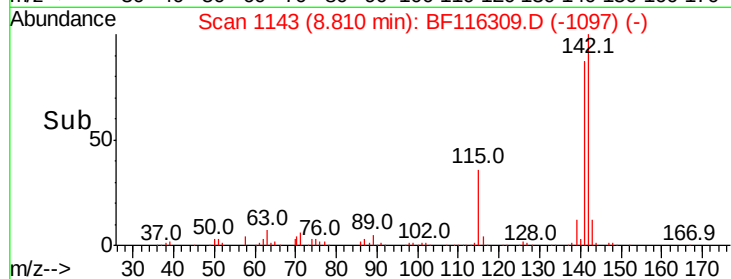
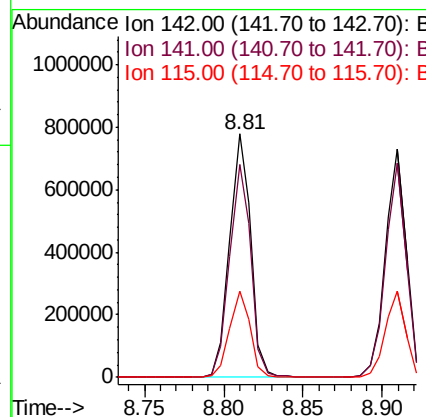
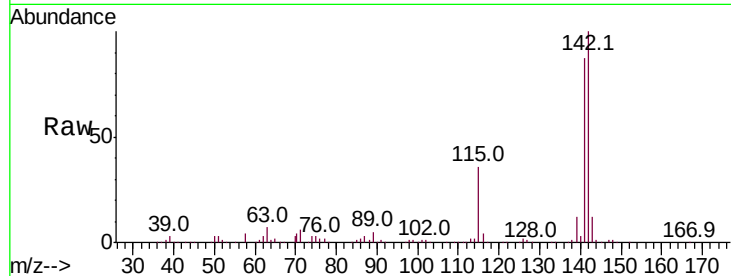
#37
 2-Methylnaphthalene
 Concen: 44.891 ng
 RT: 8.81 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Instrument :
 BNA_F
 ClientSampled :
 PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	716890		
141	87.3	70.9	106.3	
115	35.6	29.0	43.6	

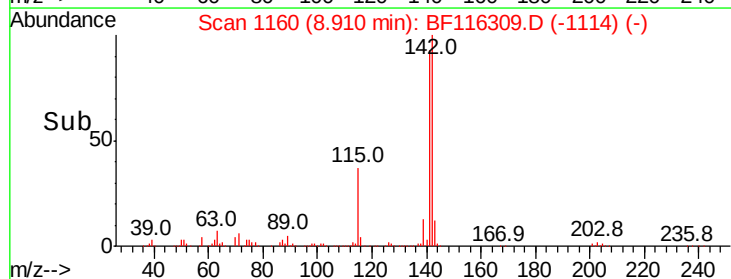
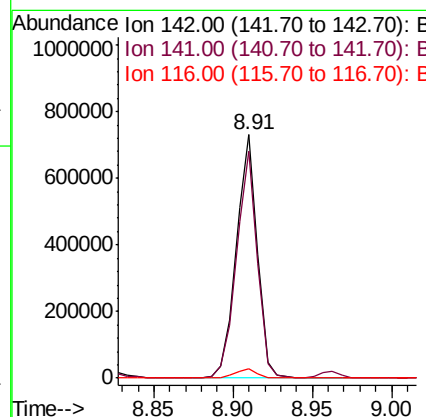
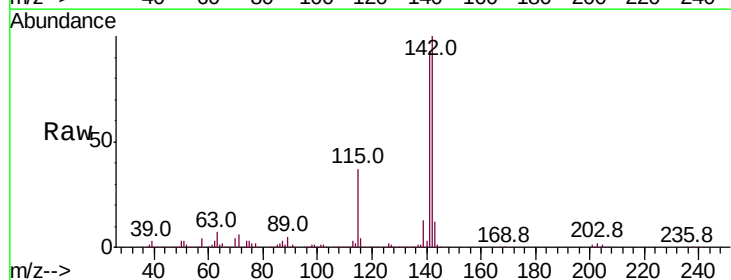
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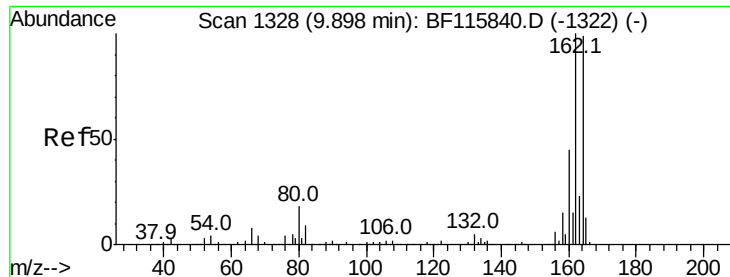
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#38
 1-Methylnaphthalene
 Concen: 44.116 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.03 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	666498		
141	93.4	74.4	111.6	
116	3.9	3.1	4.7	





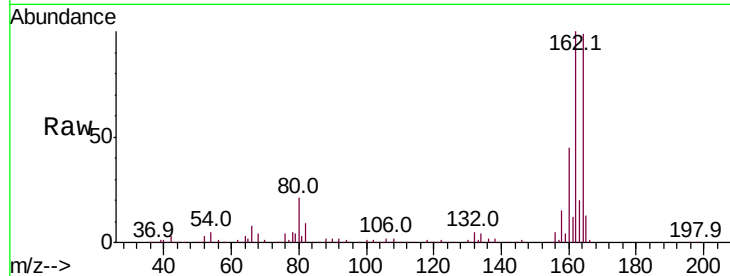
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.04 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100	274070		
162	101.5	82.6	124.0	
160	45.4	37.6	56.4	

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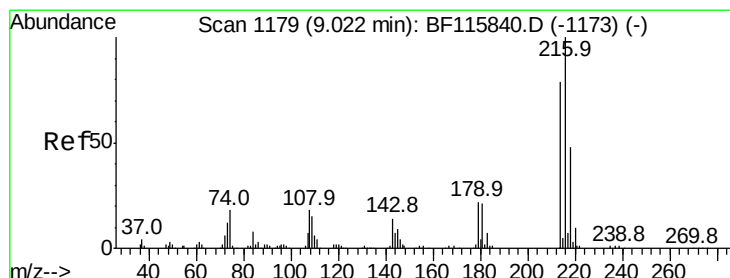
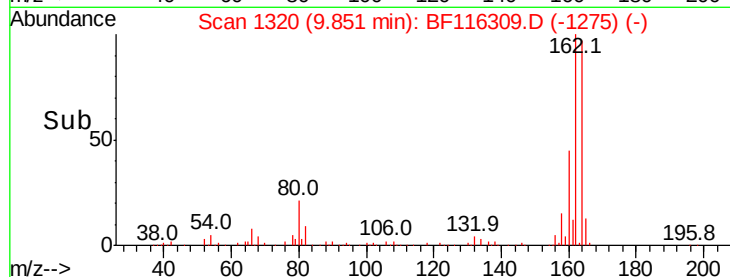
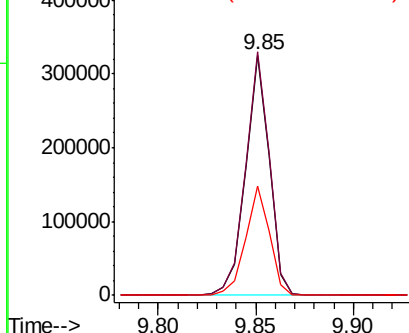


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.041 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	330016		
214	79.2	63.6	95.4	
179	22.1	17.8	26.8	
108	20.4	16.5	24.7	

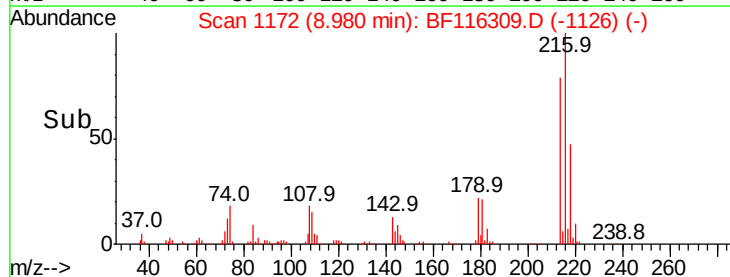
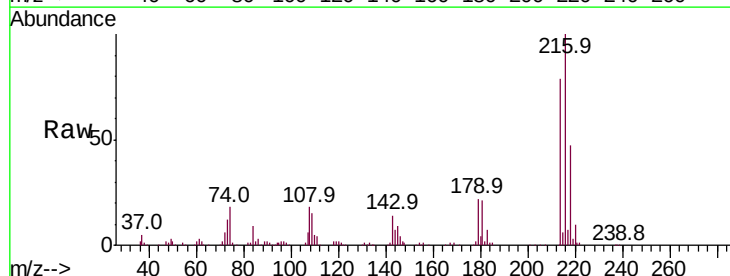
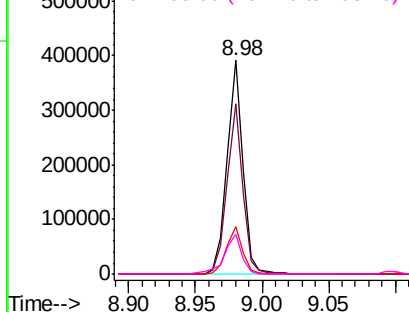
Abundance

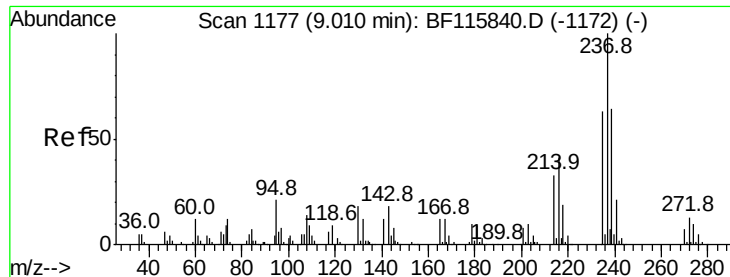
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





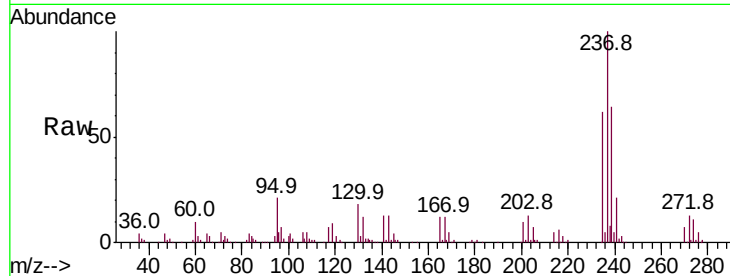
#41
Hexachlorocyclopentadiene
Concen: 43.980 ng
RT: 8.96 min Scan# 1169
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

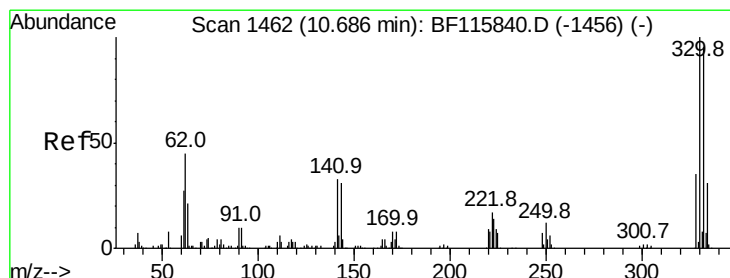
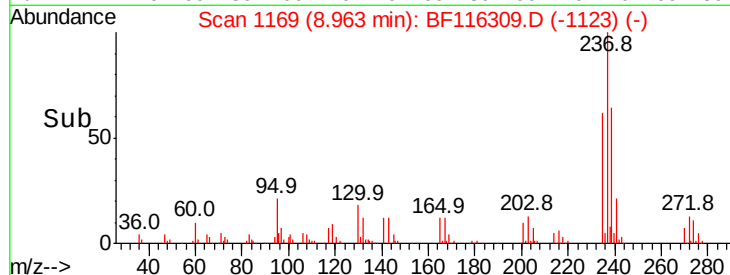
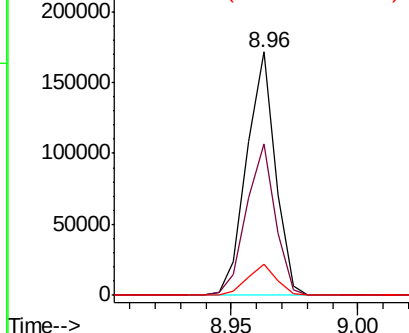
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.4	43.4	83.4
272	12.8	0.0	33.2

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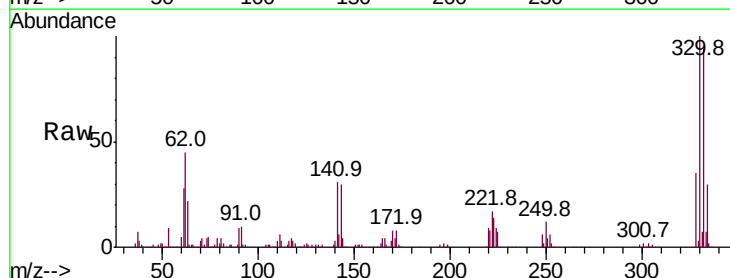


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

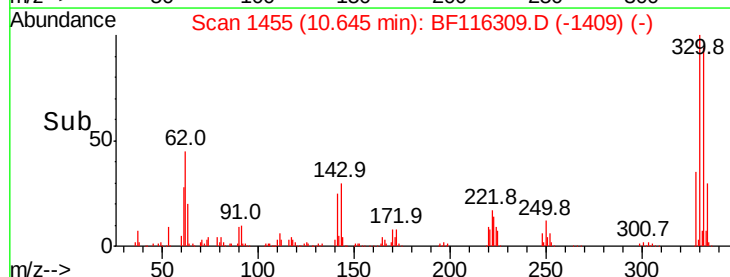
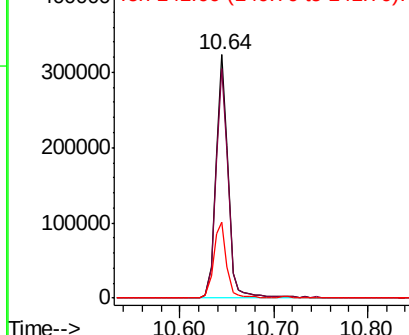


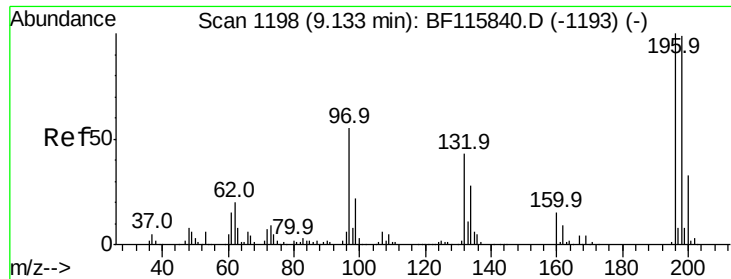
#42
2,4,6-Tribromophenol
Concen: 113.398 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	76.8	115.2
141	32.6	26.3	39.5



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





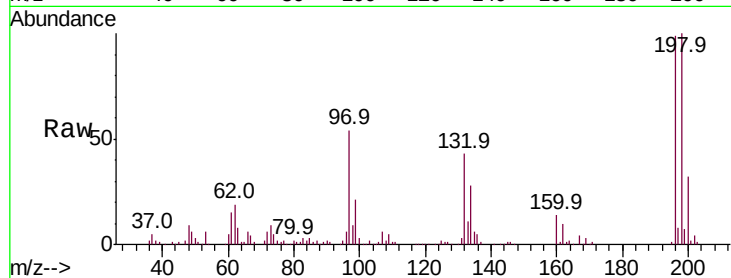
#43
 2,4,6-Trichlorophenol
 Concen: 41.203 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.02 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	207799		
198	100.5	79.2	118.8	
200	32.7	25.2	37.8	

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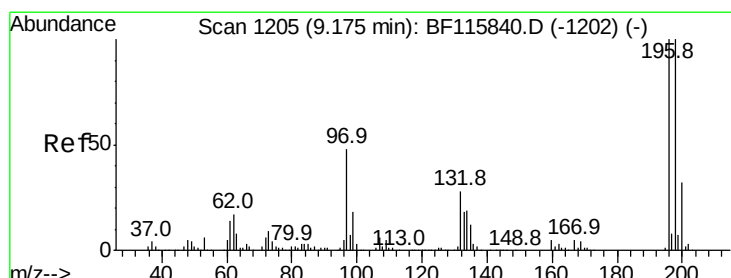
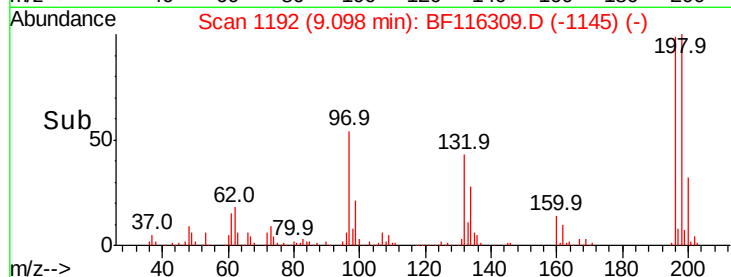
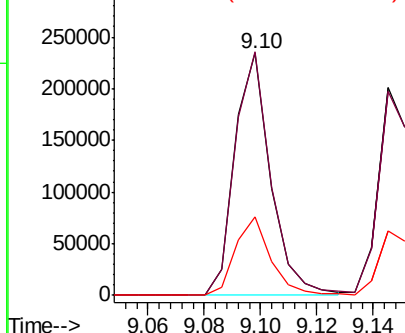


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 42.182 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.02 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	219906		
198	98.3	78.8	118.2	
97	53.7	42.2	63.4	
132	31.0	24.0	36.0	

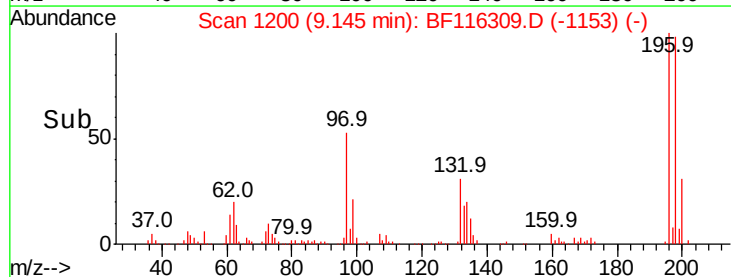
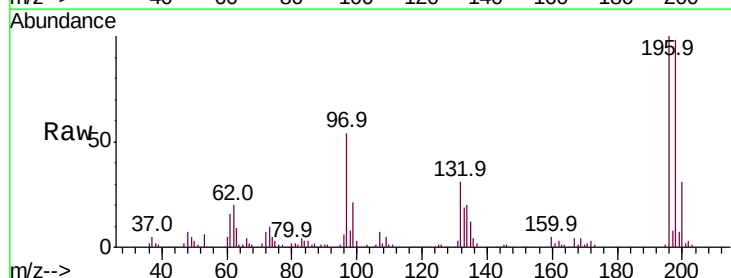
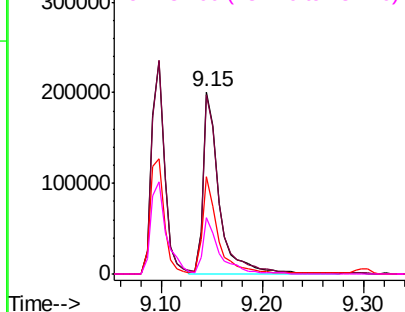
Abundance

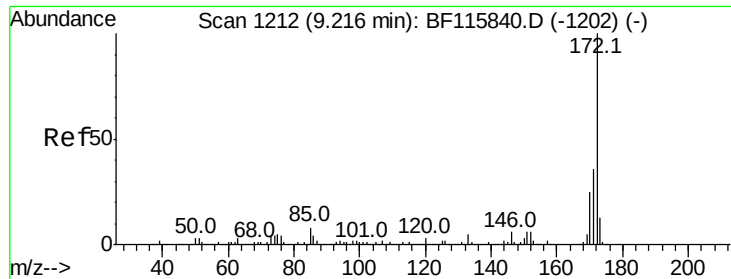
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





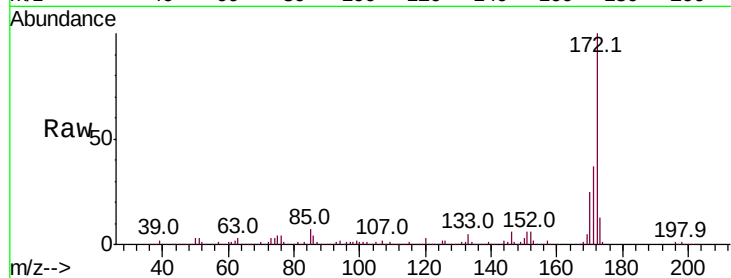
#45
2-Fluorobiphenyl
Concen: 83.041 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	25.2	20.1	30.1

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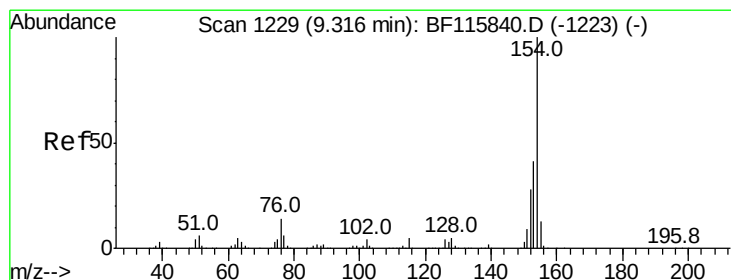
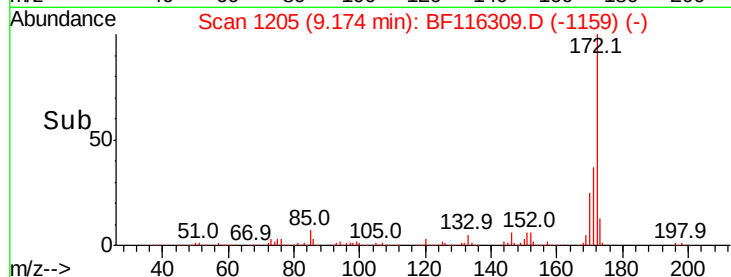
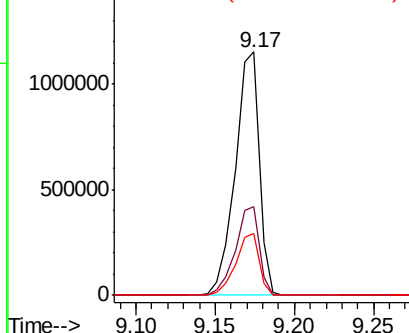


Abundance

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: 45.193 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

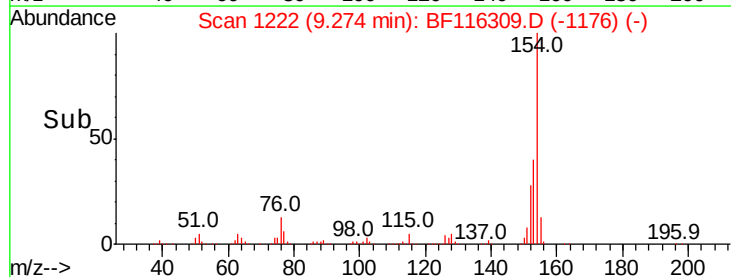
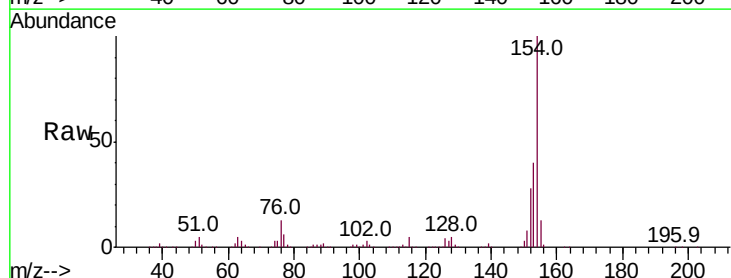
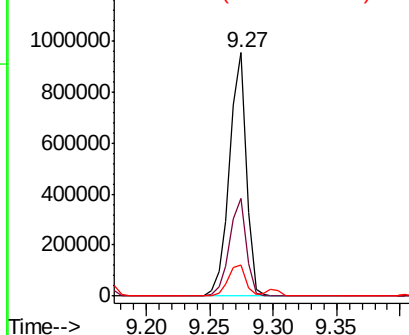
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.4	61.4
76	13.0	0.0	35.2

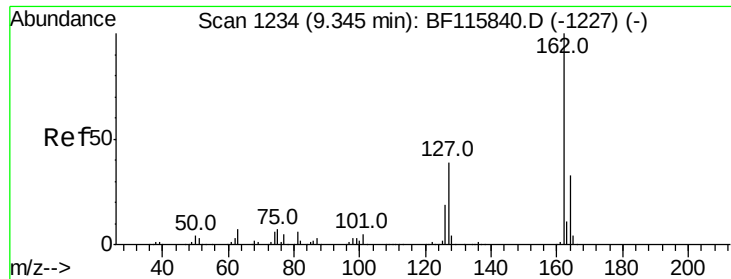
Abundance

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): BF1





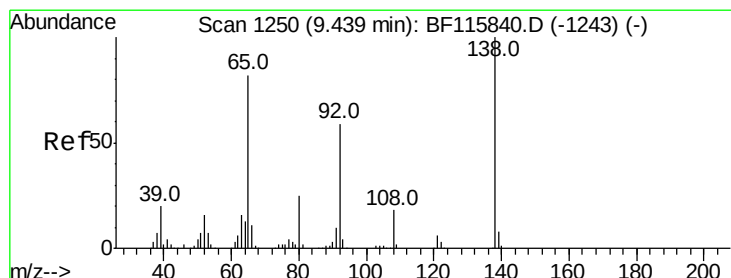
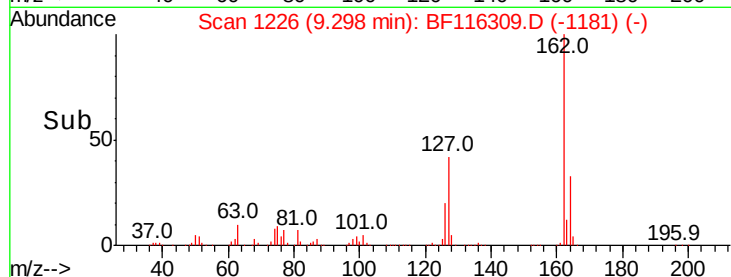
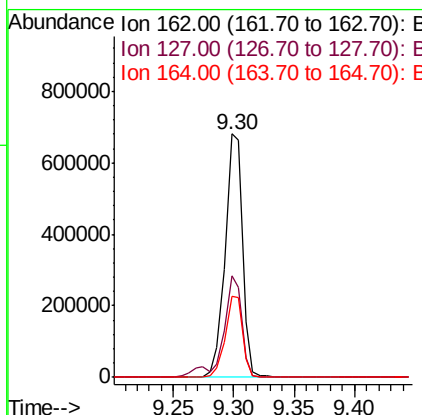
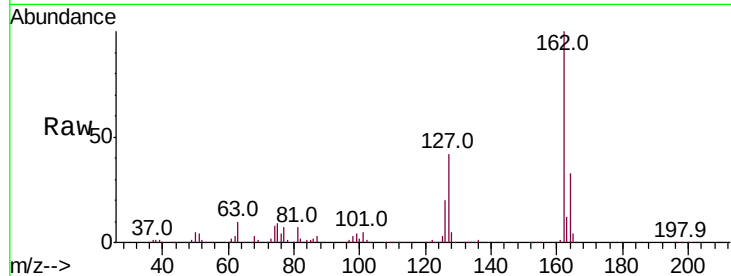
#47
 2-Chloronaphthalene
 Concen: 42.464 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.04 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	683848		
127	41.7	32.8	49.2	
164	33.1	26.6	39.8	

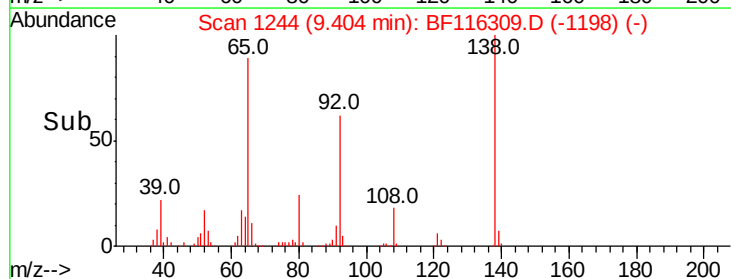
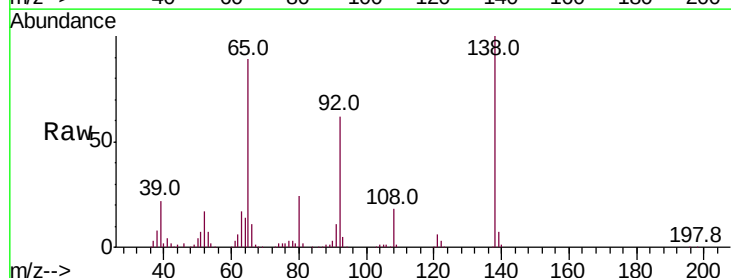
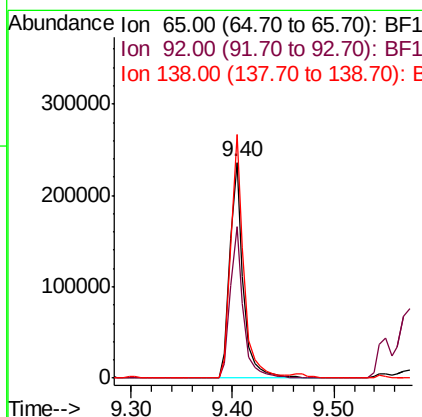
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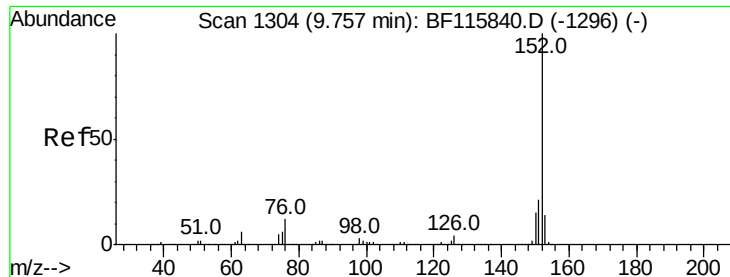
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#48
 2-Nitroaniline
 Concen: 40.597 ng
 RT: 9.40 min Scan# 1244
 Delta R.T. -0.03 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	216100		
92	70.3	57.8	86.8	
138	112.7	94.0	141.0	





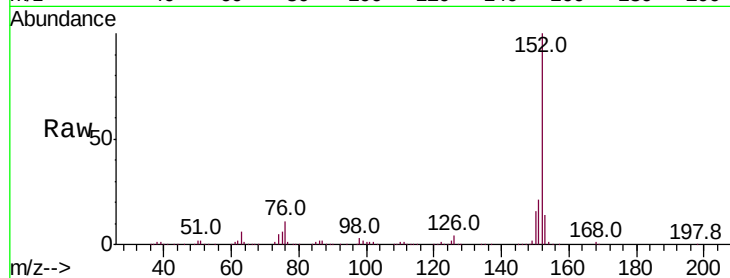
#49
Acenaphthylene
Concen: 42.912 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

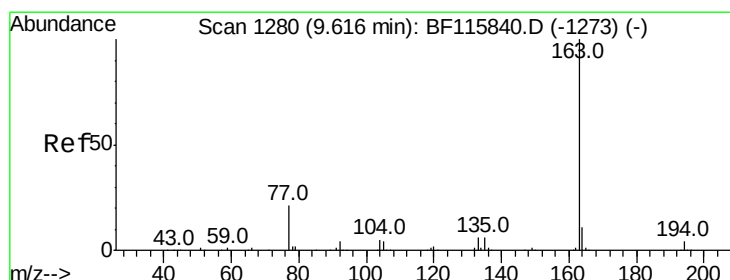
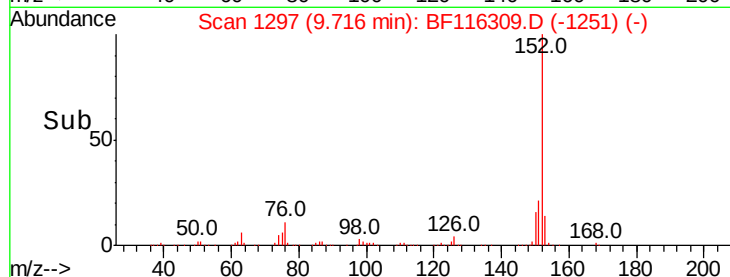
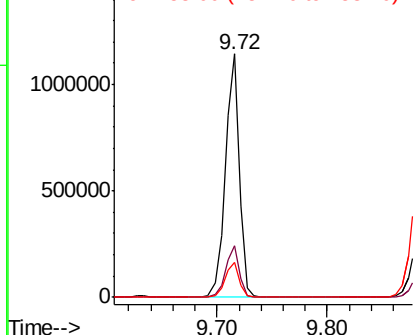
Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.2	25.8
153	14.1	11.8	17.8

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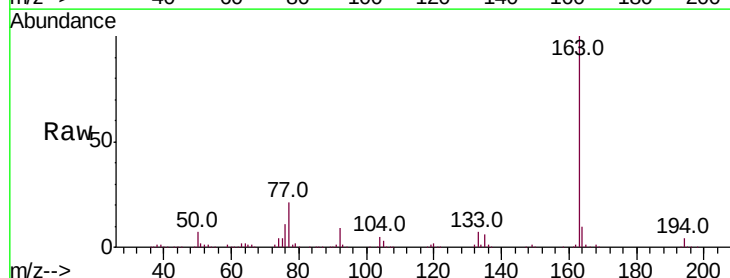


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

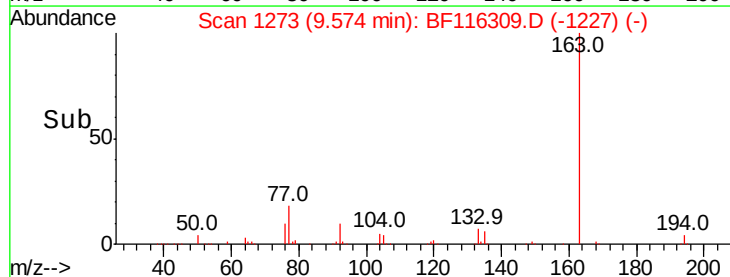
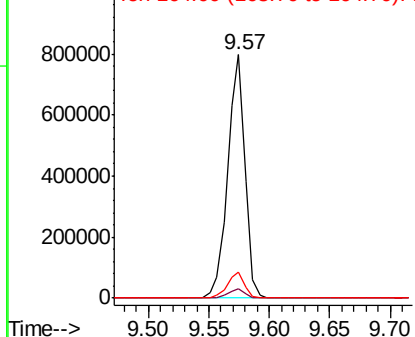


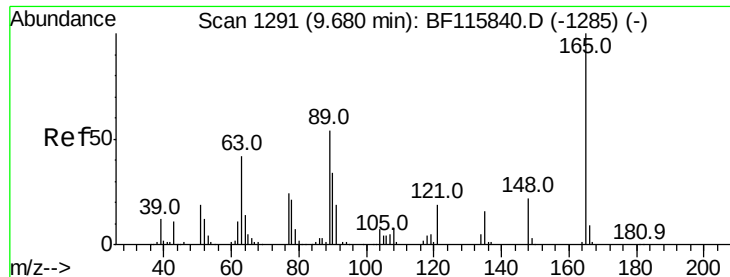
#50
Dimethylphthalate
Concen: 42.259 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.5	8.4	12.6



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





#51

2,6-Dinitrotoluene

Concen: 43.275 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.03 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Instrument :

BNA_F

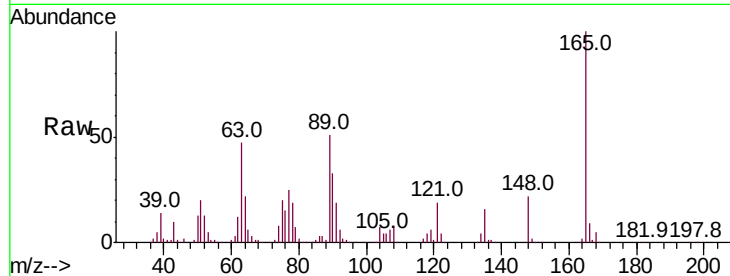
ClientSampled :

PB122249BS

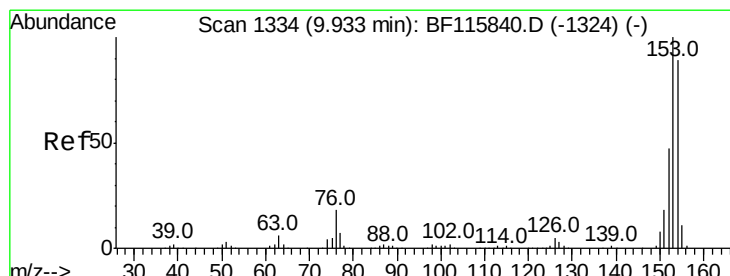
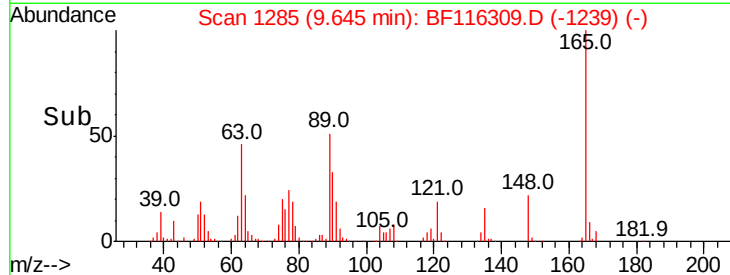
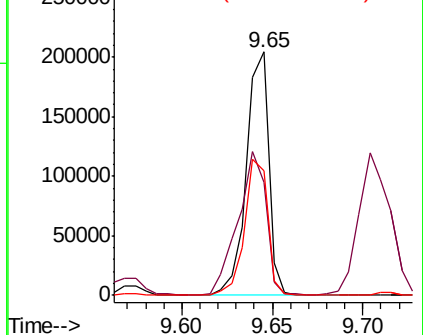
Tot Ion:	165	Resp:	175498
Ion Ratio	Lower	Upper	
165	100		
63	46.5	38.2	57.2
89	50.9	42.9	64.3

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 43.068 ng

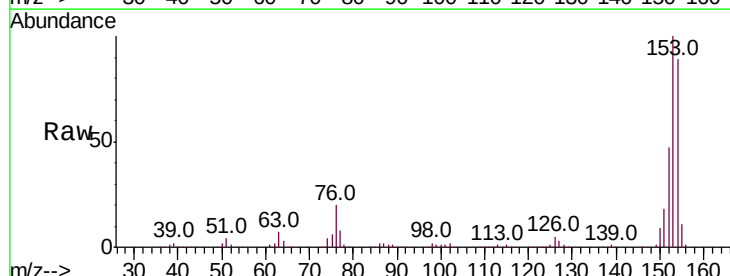
RT: 9.89 min Scan# 1326

Delta R.T. -0.04 min

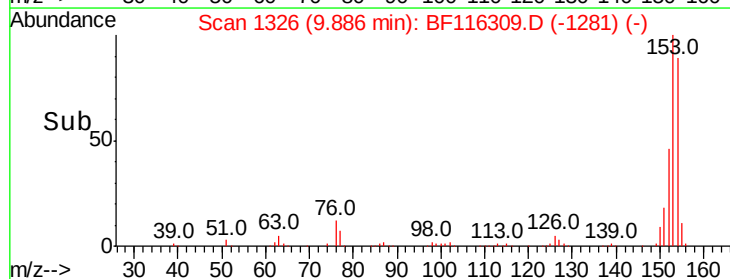
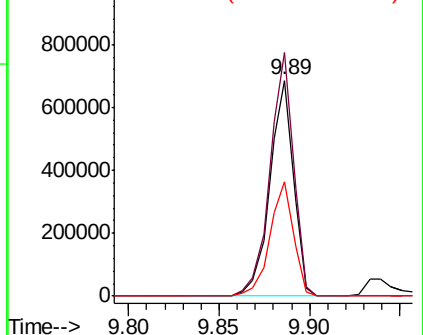
Lab File: BF116309.D

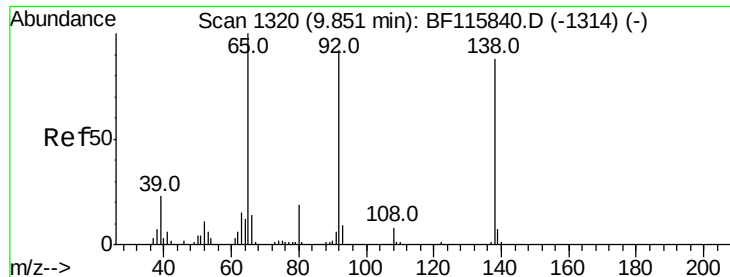
Acq: 16 Aug 2019 9:17

Tgt Ion:	154	Resp:	620764
Ion Ratio	Lower	Upper	
154	100		
153	112.9	89.4	134.0
152	52.8	42.3	63.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





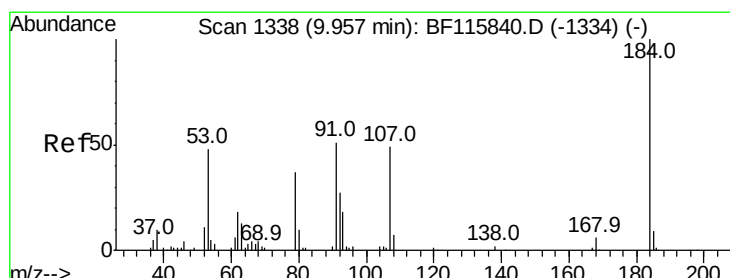
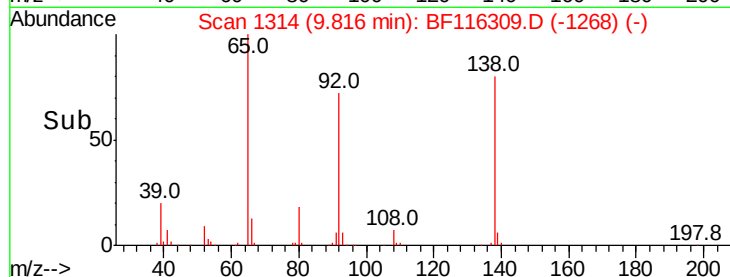
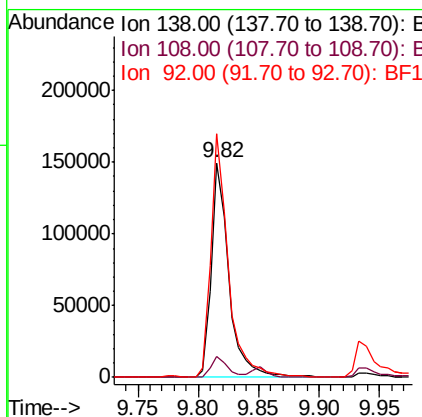
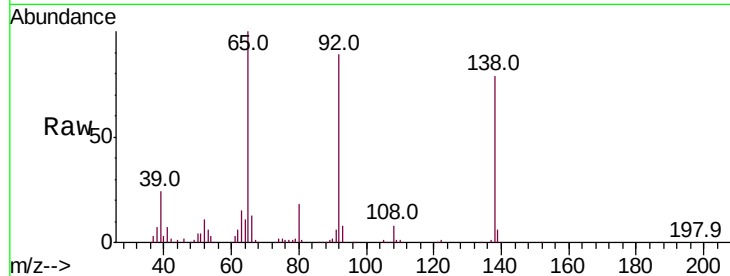
#53
3-Nitroaniline
Concen: 30.076 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	150709		
108	9.8	8.0	12.0	
92	113.5	91.0	136.6	

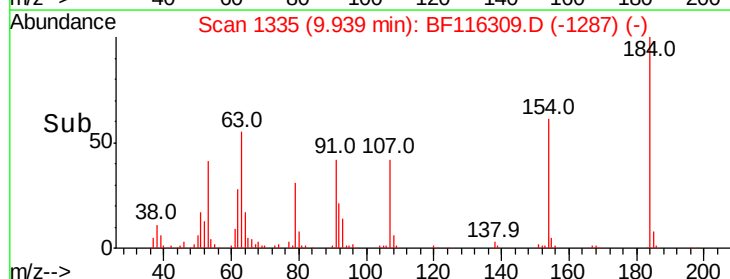
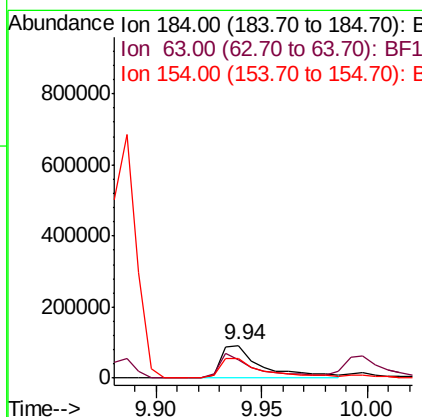
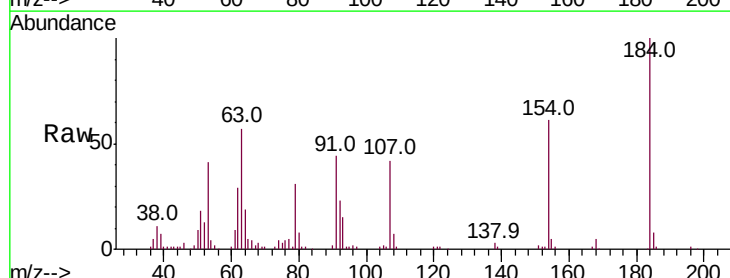
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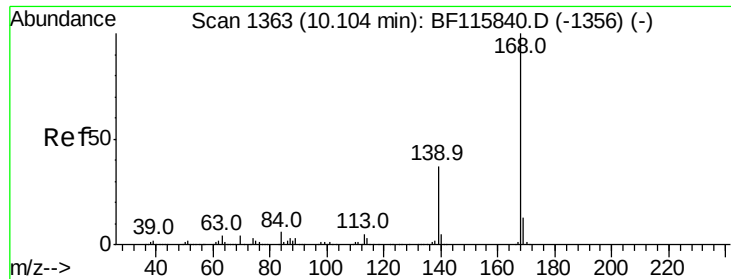
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#54
2,4-Dinitrophenol
Concen: 62.106 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	124106		
63	57.4	53.0	79.4	
154	60.7	50.1	75.1	





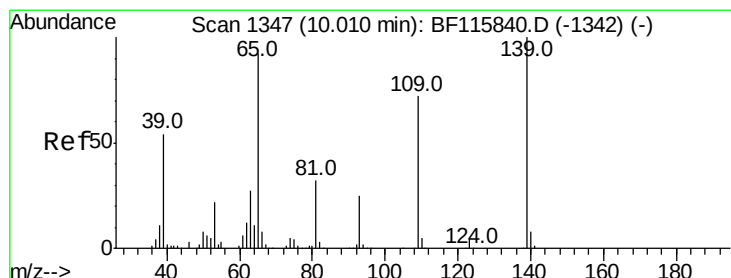
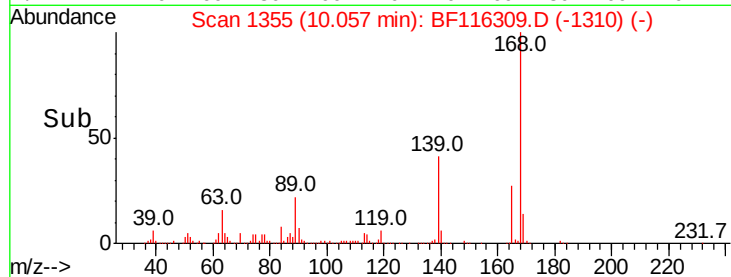
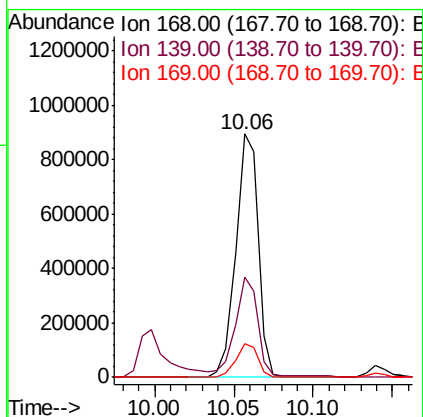
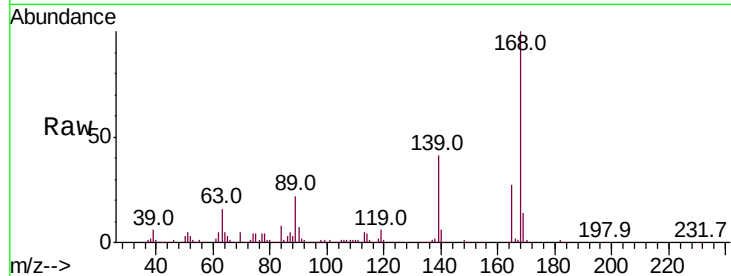
#55
Dibenzenofuran
Concen: 41.817 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.04 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.9	31.4	47.2
169	13.8	10.9	16.3

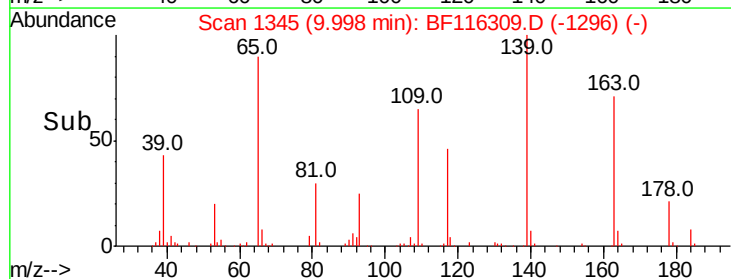
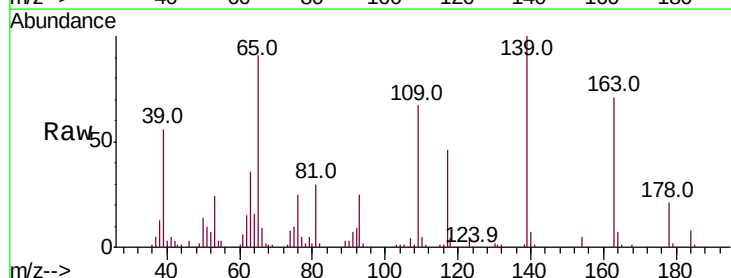
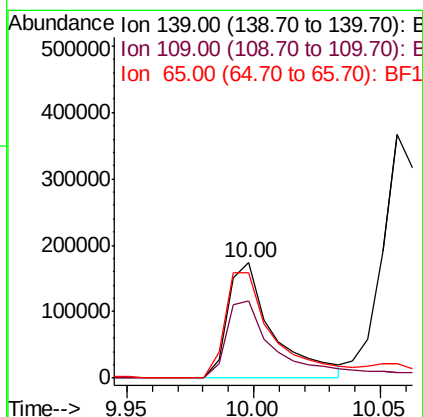
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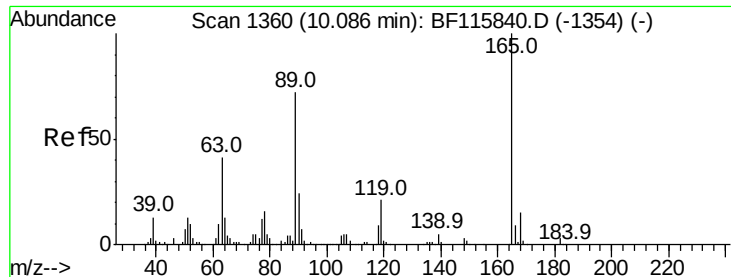
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#56
4-Nitrophenol
Concen: 66.852 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Lower	Upper
139	100		
109	66.7	54.4	94.4
65	91.2	80.6	120.6





#57

2,4-Dinitrotoluene

Concen: 40.282 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.02 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Instrument :

BNA_F

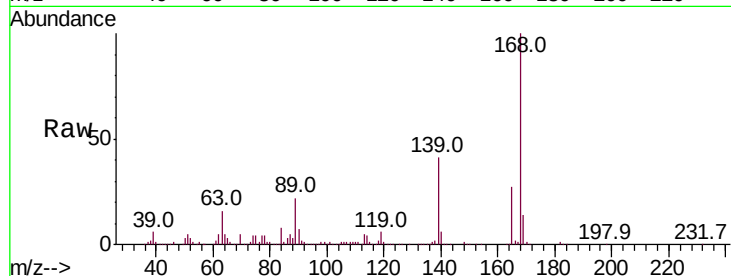
ClientSampleId :

PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	217501		
63	58.8	39.6	59.4	
89	80.4	62.2	93.2	
182	2.6	2.1	3.1	

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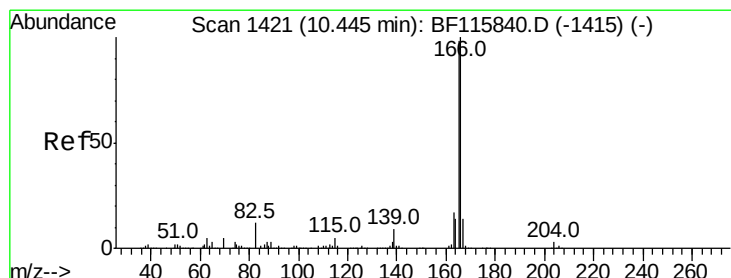
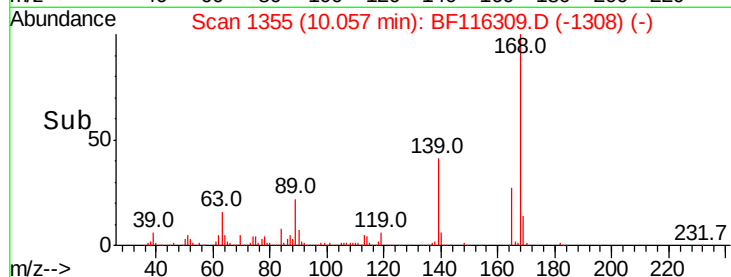
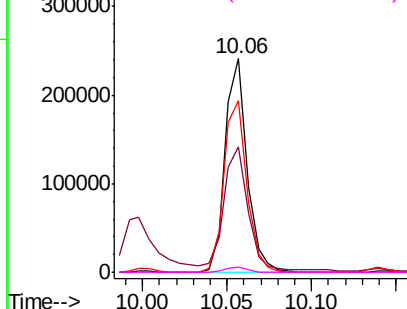


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.730 ng

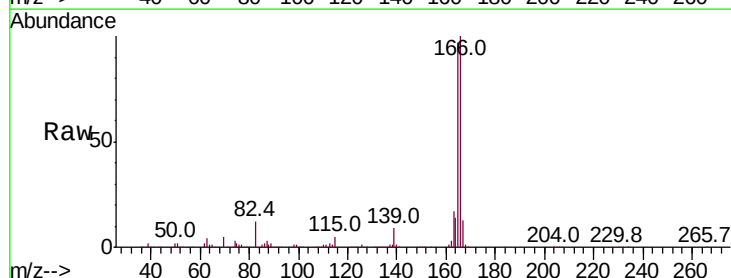
RT: 10.40 min Scan# 1414

Delta R.T. -0.03 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

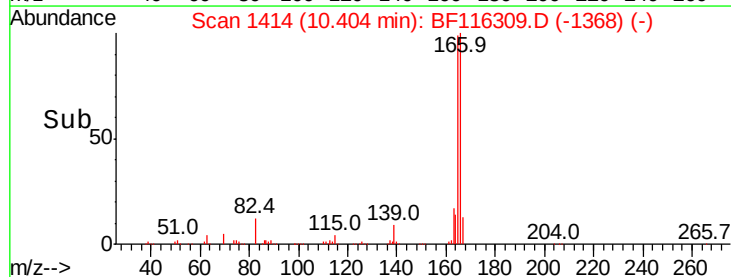
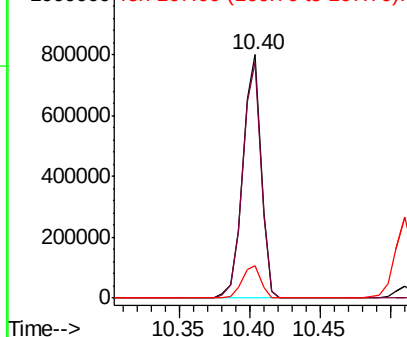
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	721356		
165	97.1	78.4	117.6	
167	13.4	11.0	16.4	

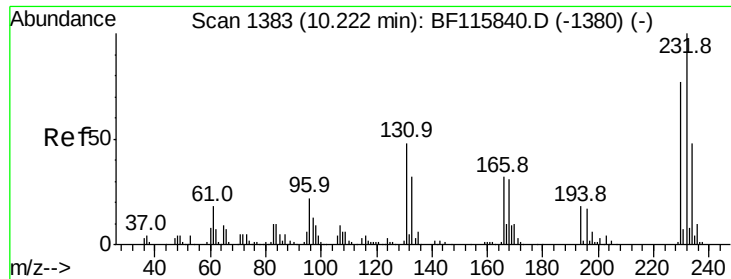


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.676 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Instrument :

BNA_F

ClientSampleId :

PB122249BS

Tot Ion:232 Resp: 187175

Ion Ratio Lower Upper

232 100

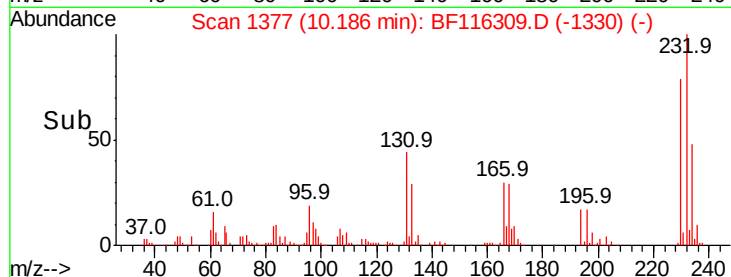
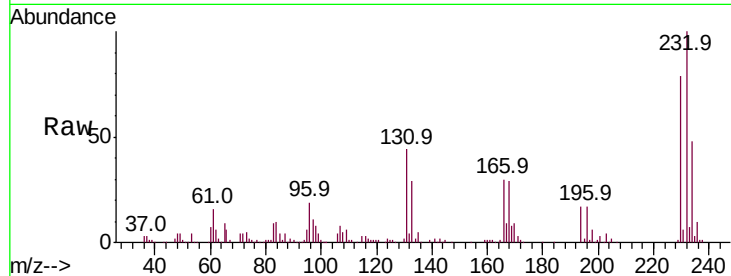
131 44.5 36.2 54.2

130 2.3 1.9 2.9

166 30.2 23.0 34.4

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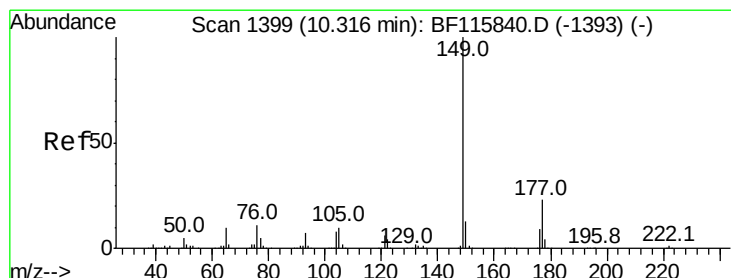
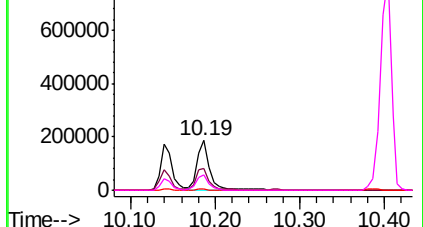


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.626 ng

RT: 10.27 min Scan# 1392

Delta R.T. -0.03 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

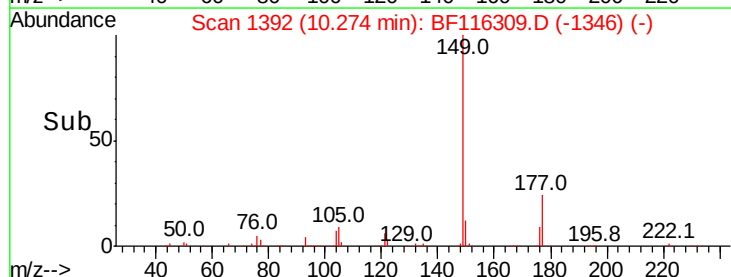
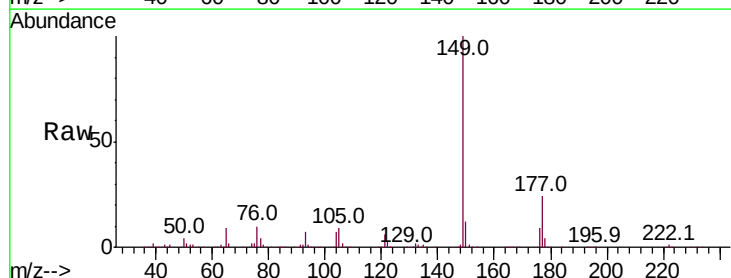
Tgt Ion:149 Resp: 760070

Ion Ratio Lower Upper

149 100

177 23.9 18.8 28.2

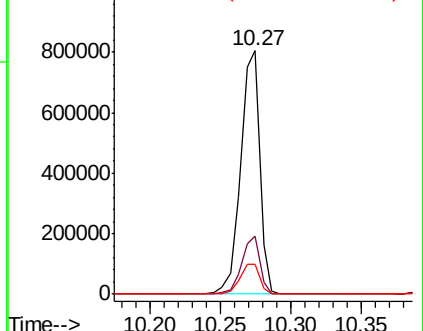
150 12.4 10.2 15.4

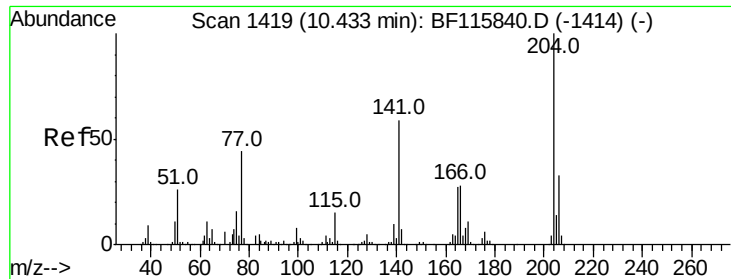


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





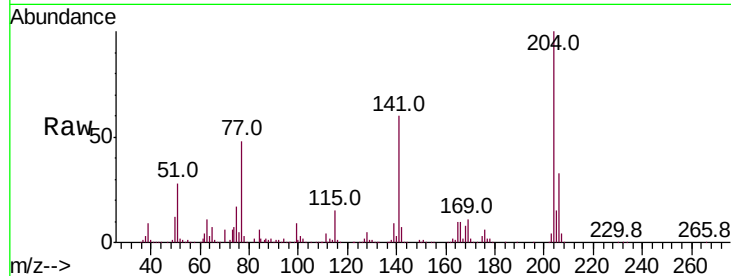
#61
 4-Chlorophenyl-phenylether
 Concen: 44.641 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.04 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BS

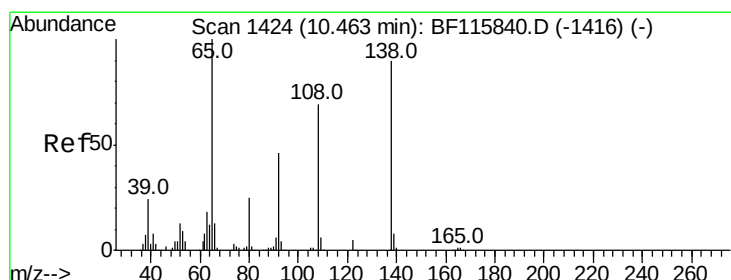
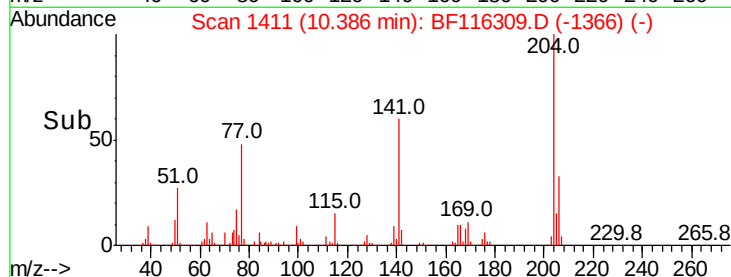
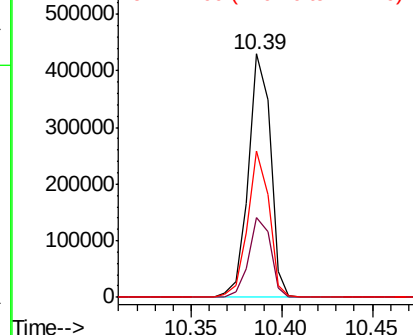
Tot Ion:	204	Resp:	364604
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.4	39.6
141	60.3	46.4	69.6

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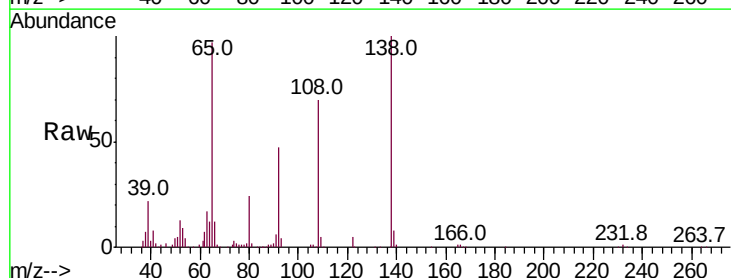


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

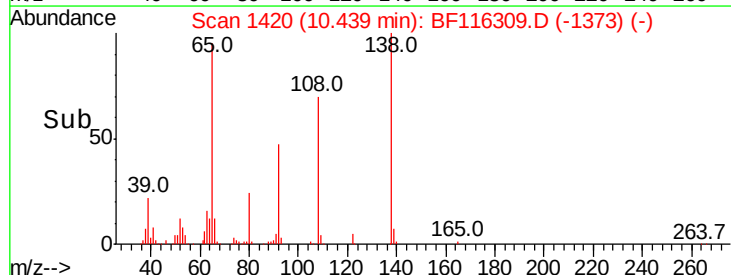
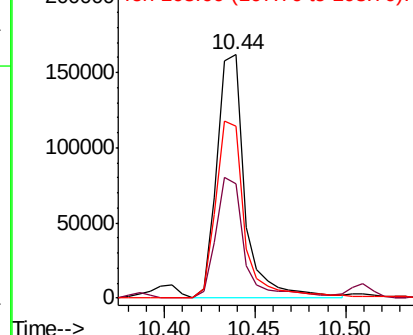


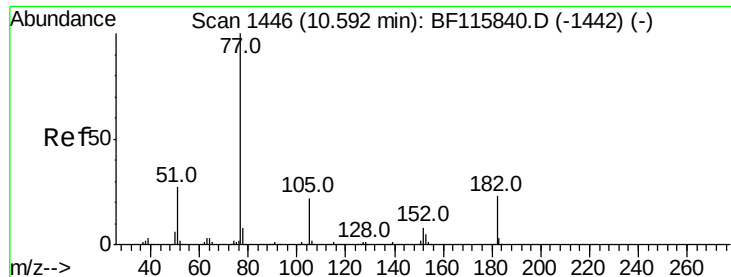
#62
 4-Nitroaniline
 Concen: 33.554 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. -0.02 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Tgt Ion:	138	Resp:	173759
Ion Ratio	Lower	Upper	
138	100		
92	46.9	29.0	69.0
108	70.4	54.7	94.7



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 108.00 (107.70 to 108.70): E





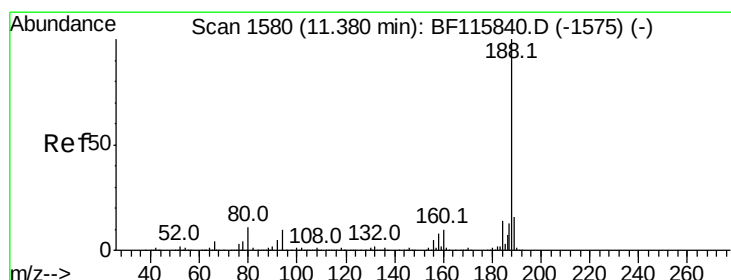
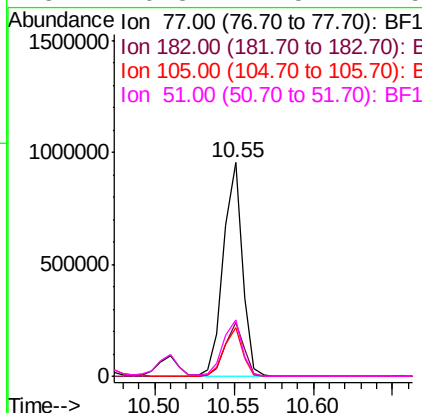
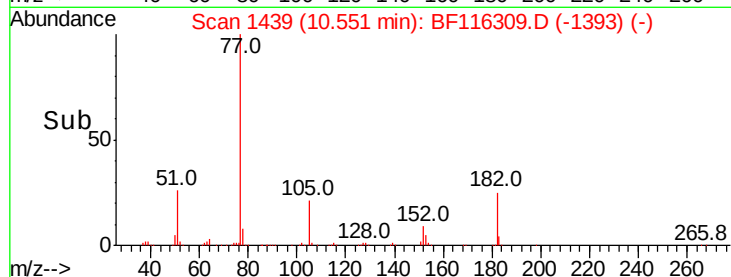
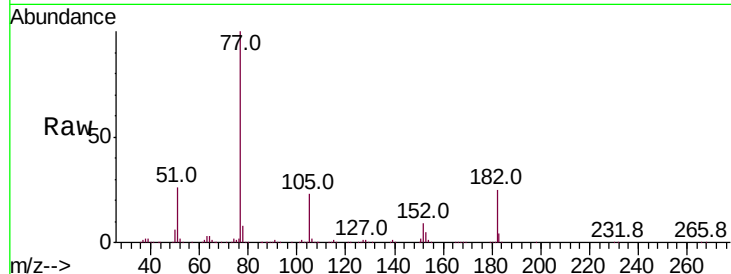
#63
Azobenzene
Concen: 44.195 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	791974		
182	25.1	4.0	44.0	
105	22.7	2.0	42.0	
51	26.3	7.5	47.5	

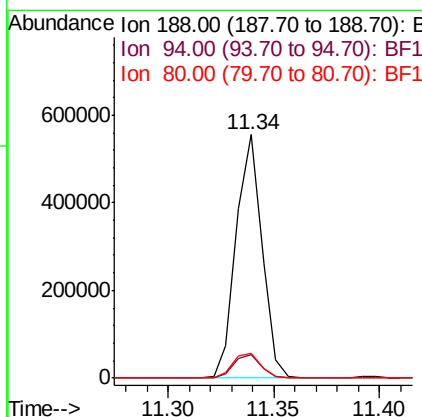
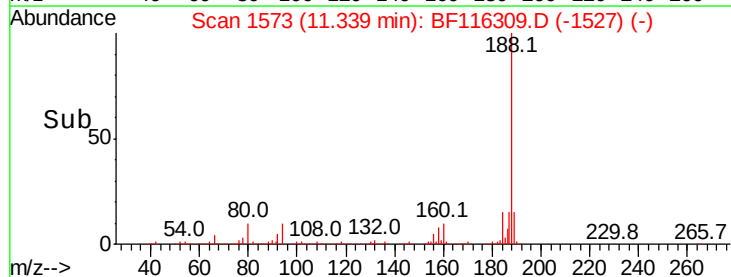
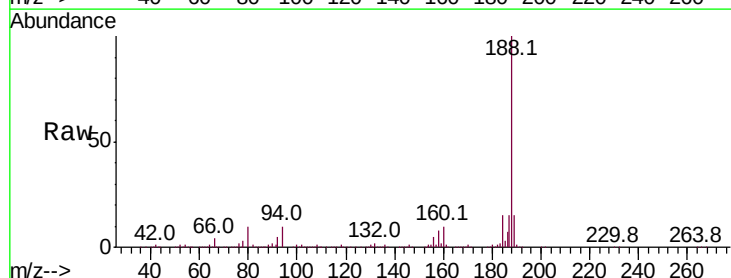
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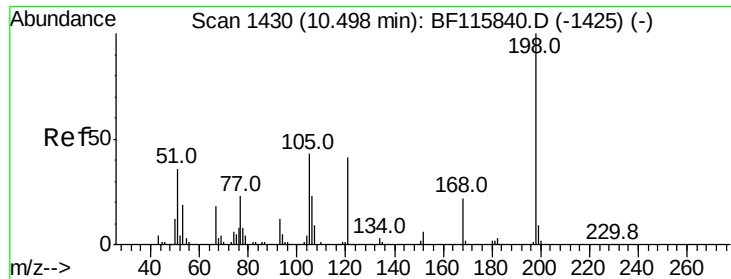
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	469657		
94	9.6	8.1	12.1	
80	10.3	8.7	13.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 43.534 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.03 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Instrument :

BNA_F

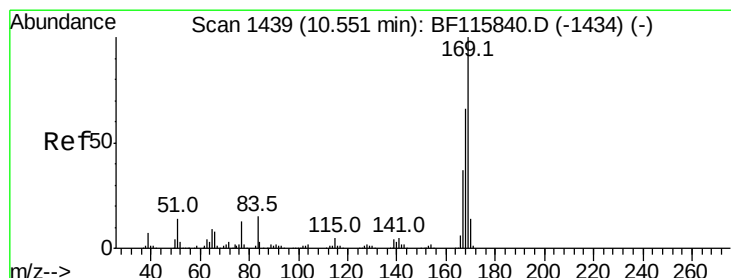
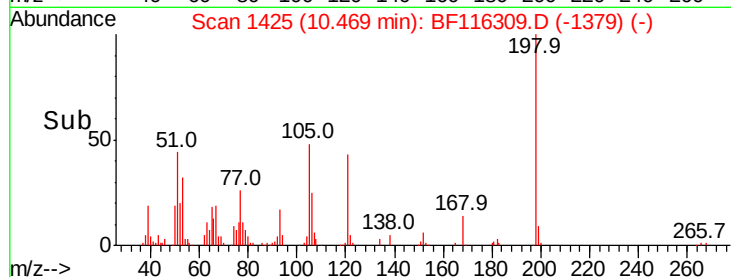
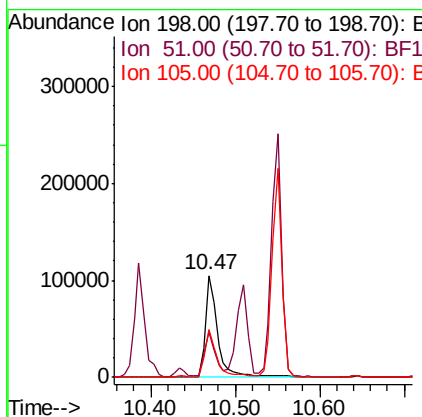
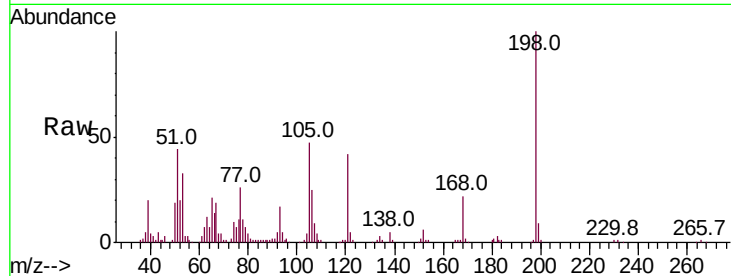
ClientSampleId :

PB122249BS

Tot Ion:	198	Resp:	108351
Ion Ratio	Lower	Upper	
198	100		
51	43.8	17.0	57.0
105	46.8	21.6	61.6

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#66

n-Nitrosodiphenylamine

Concen: 45.332 ng

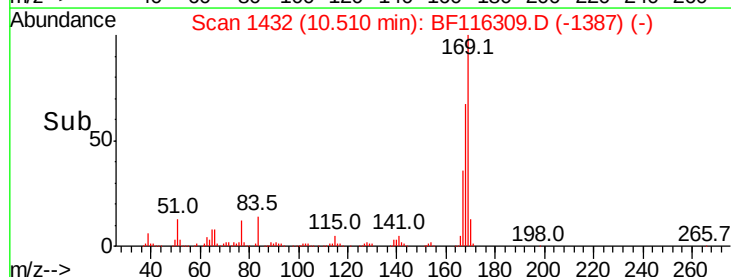
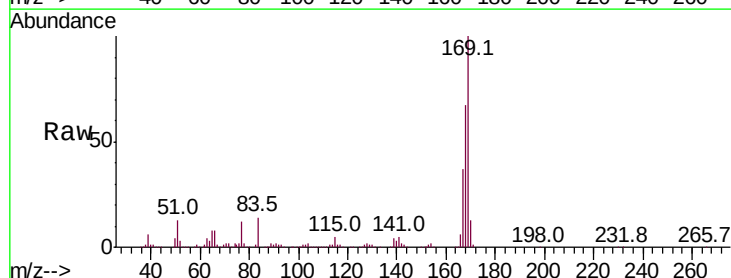
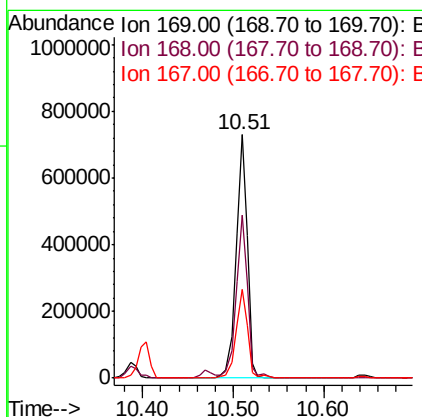
RT: 10.51 min Scan# 1432

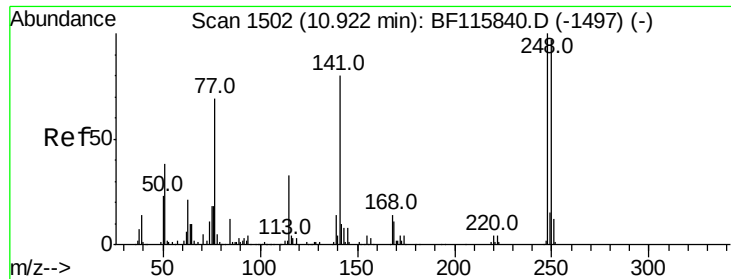
Delta R.T. -0.04 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Tgt Ion:	169	Resp:	640827
Ion Ratio	Lower	Upper	
169	100		
168	66.7	53.8	80.6
167	36.5	29.6	44.4





#67

4-Bromophenyl-phenylether

Concen: 43.954 ng

RT: 10.87 min Scan# 1494

Delta R.T. -0.04 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Instrument :

BNA_F

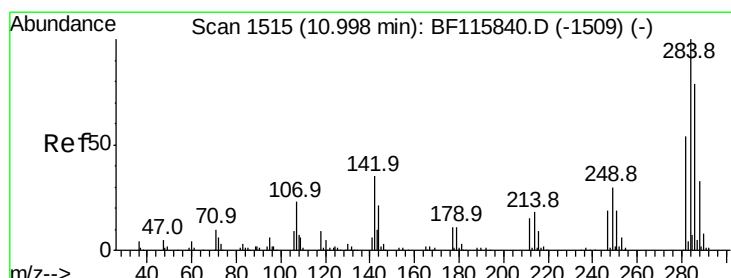
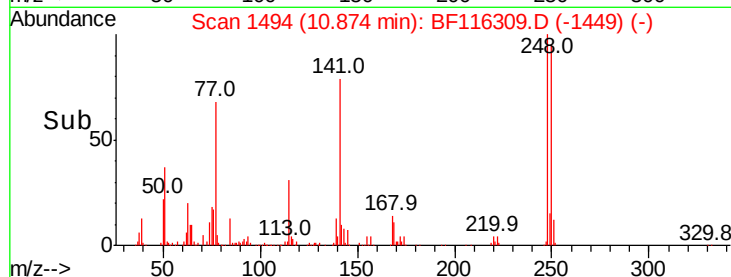
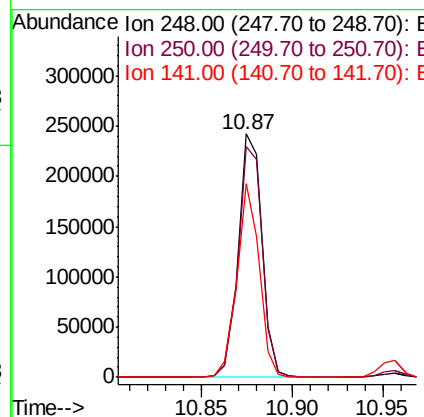
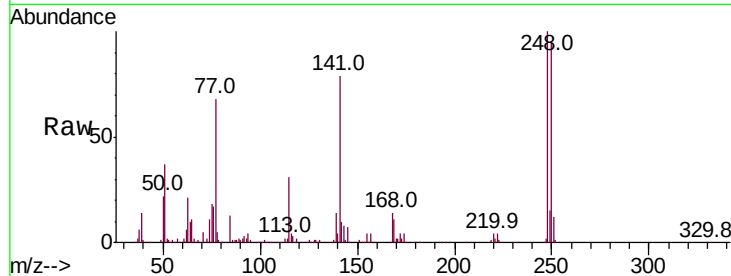
ClientSampleId :

PB122249BS

Tot Ion:	248	Resp:	220988
Ion Ratio	Lower	Upper	
248	100		
250	95.0	77.4	116.2
141	79.3	56.8	85.2

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#68

Hexachlorobenzene

Concen: 42.414 ng

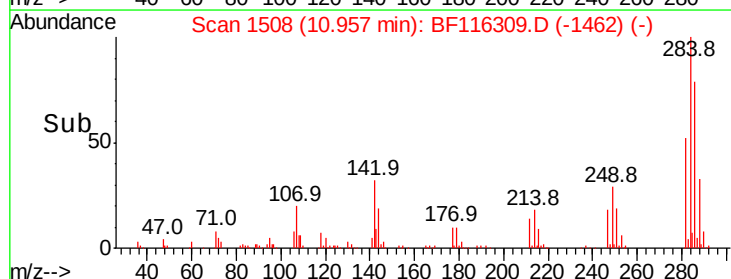
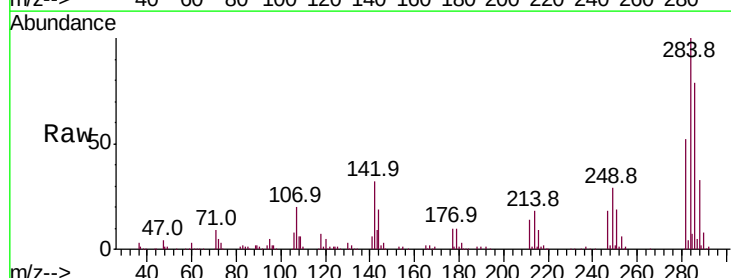
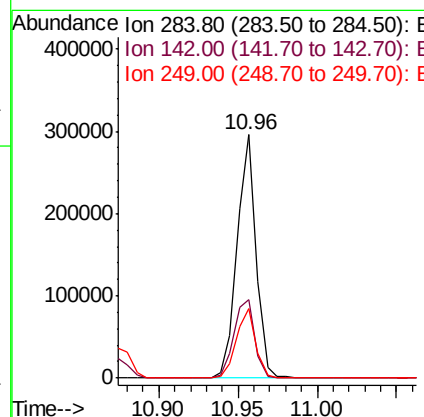
RT: 10.96 min Scan# 1508

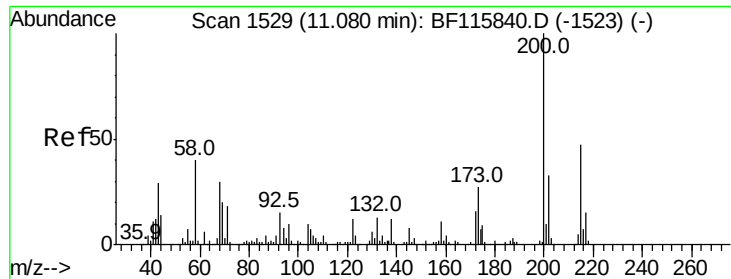
Delta R.T. -0.03 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Tgt Ion:	284	Resp:	246584
Ion Ratio	Lower	Upper	
284	100		
142	32.0	28.4	42.6
249	28.5	24.5	36.7





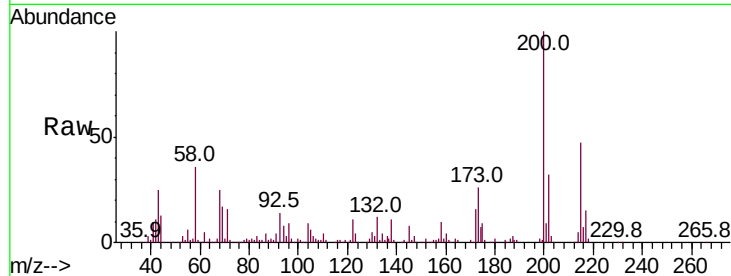
#69
Atrazine
Concen: 42.244 ng
RT: 11.04 min Scan# 1522
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	196457		
173	25.7	6.8	46.8	
215	46.5	27.5	67.5	

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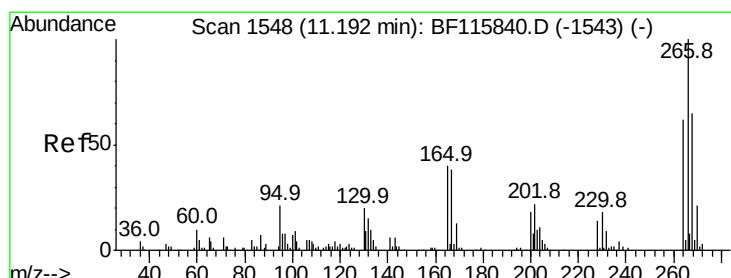
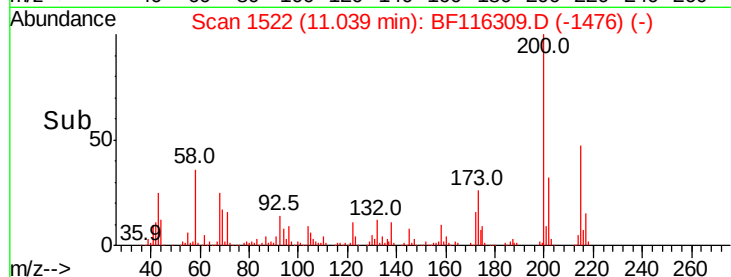
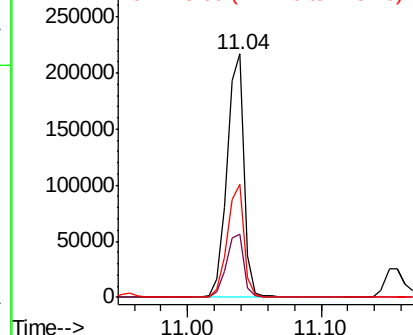


Abundance

Ion 200.00 (199.70 to 200.70): E

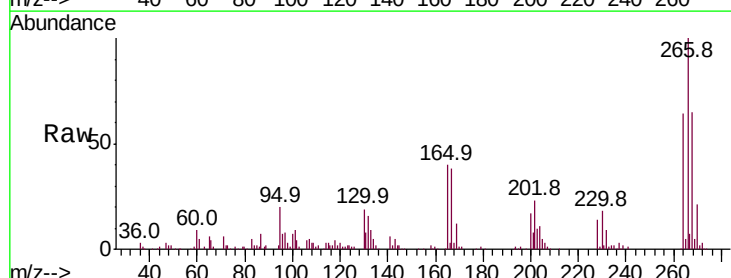
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 66.639 ng
RT: 11.16 min Scan# 1542
Delta R.T. -0.02 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	188090		
268	64.8	48.8	73.2	
264	64.3	50.6	76.0	

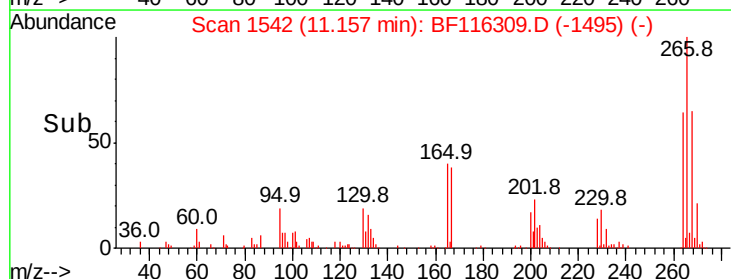
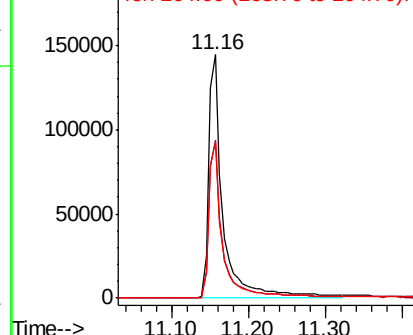


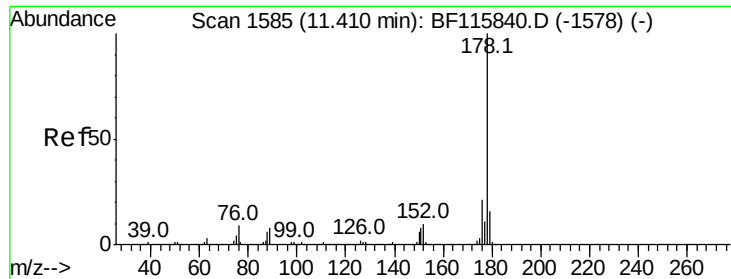
Abundance

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





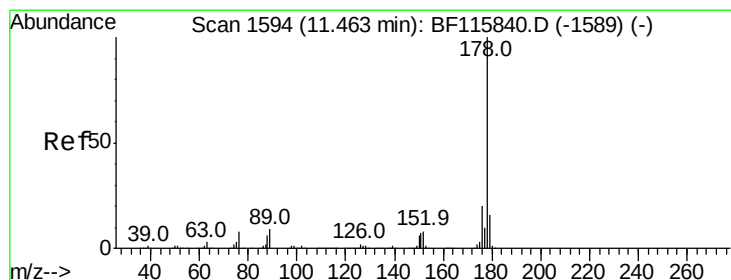
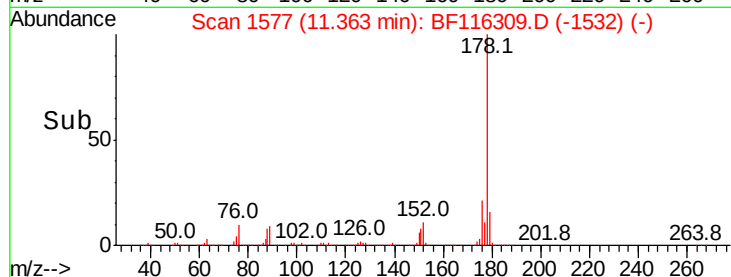
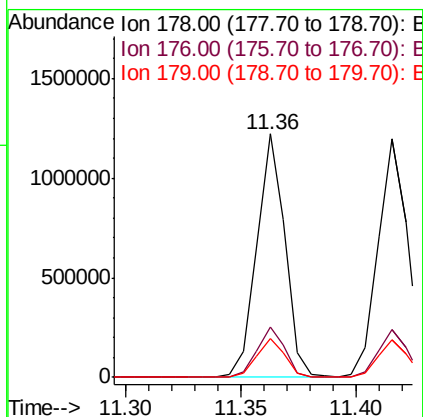
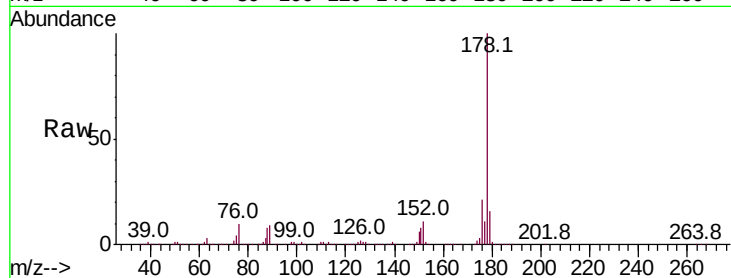
#71
Phenanthrene
Concen: 43.553 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.04 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.6	24.8
179	15.7	12.5	18.7

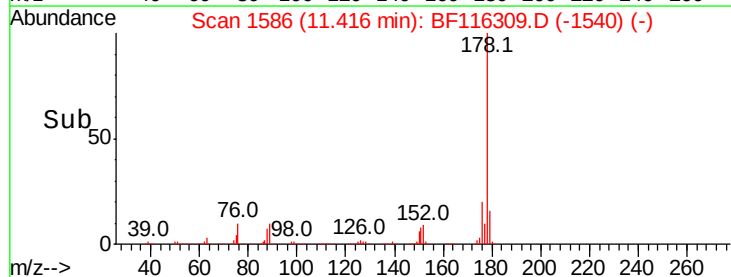
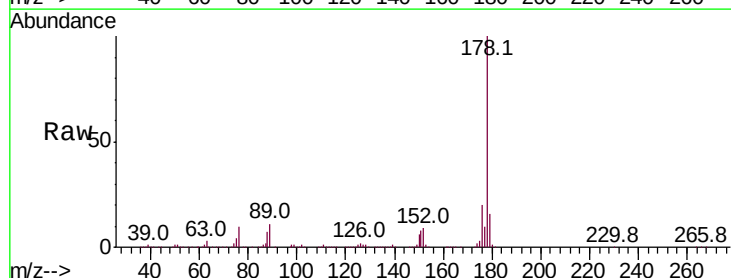
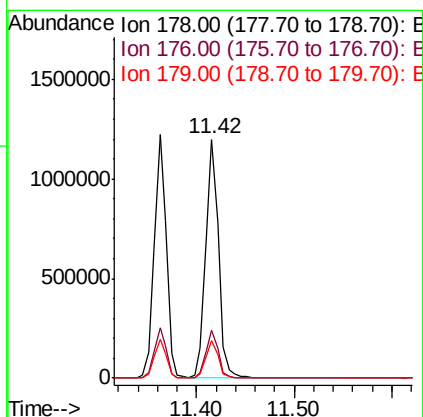
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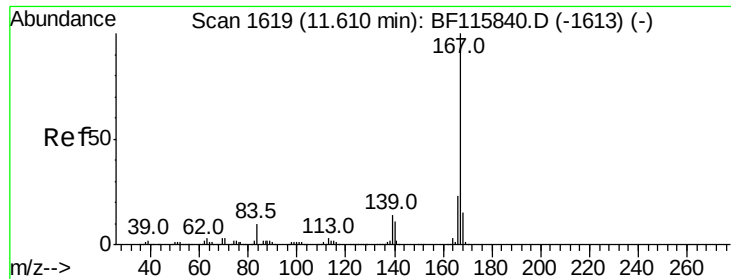
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#72
Anthracene
Concen: 44.890 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.7	13.0	19.6





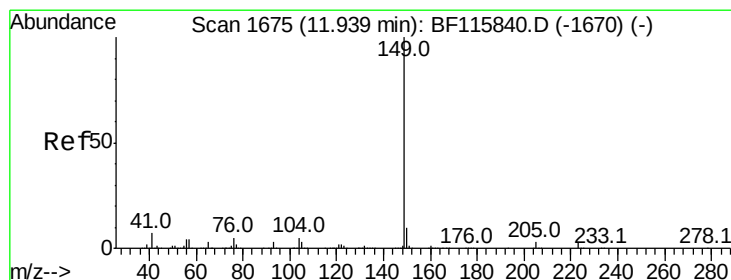
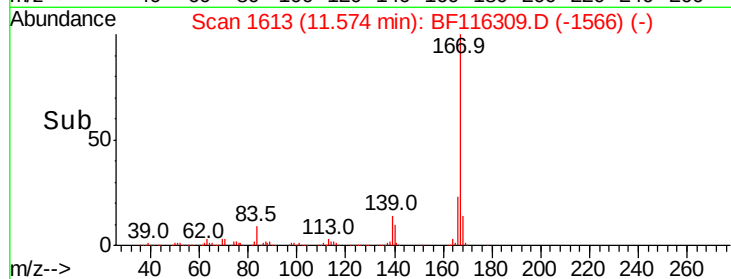
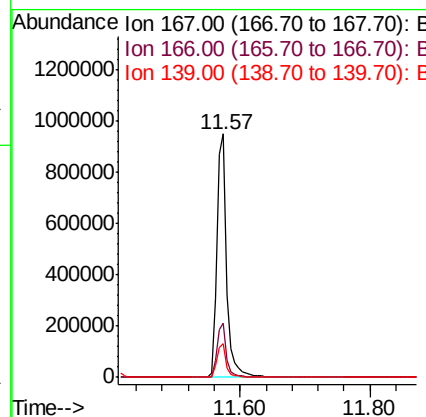
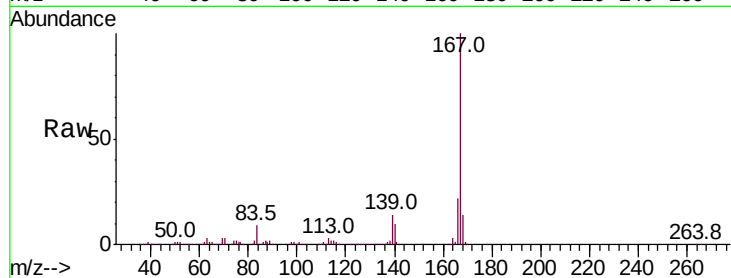
#73
 Carbazole
 Concen: 44.239 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	13.6	11.4	17.0

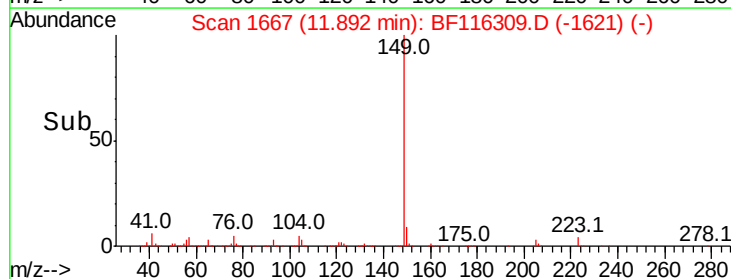
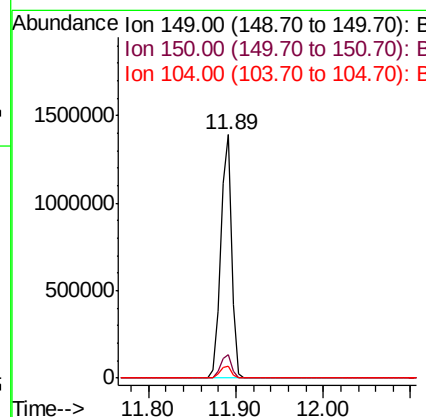
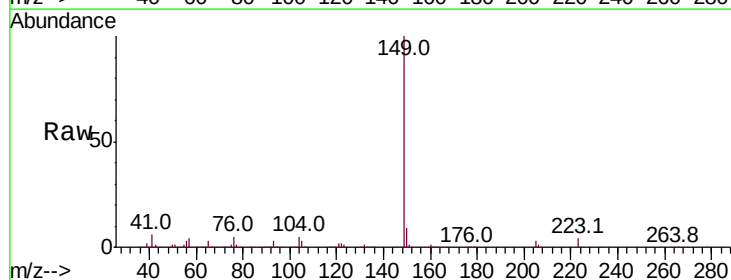
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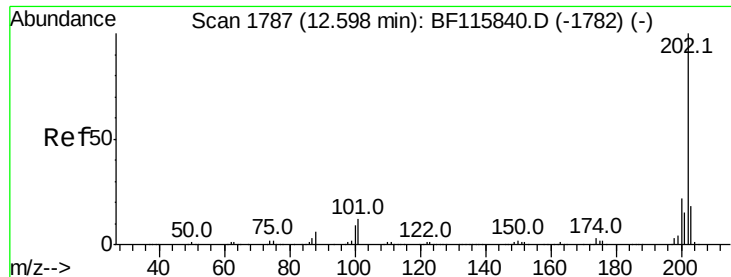
mohammad
 8/20/2019 8:36:43 AM



#74
 Di-n-butylphthalate
 Concen: 46.670 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. -0.03 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.4	8.0	12.0
104	5.1	4.5	6.7





#75

Fluoranthene

Concen: 44.266 ng

RT: 12.55 min Scan# 1779

Delta R.T. -0.04 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Instrument :

BNA_F

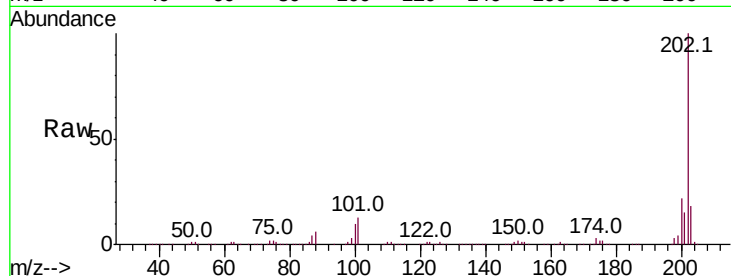
ClientSampleId :

PB122249BS

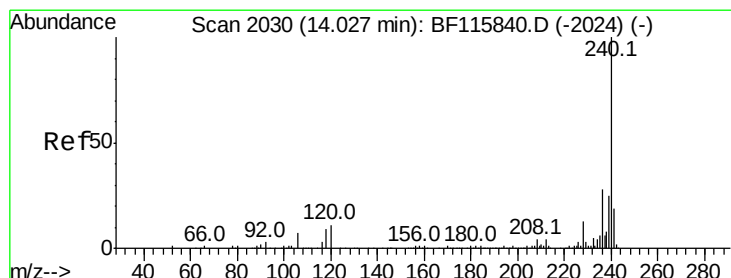
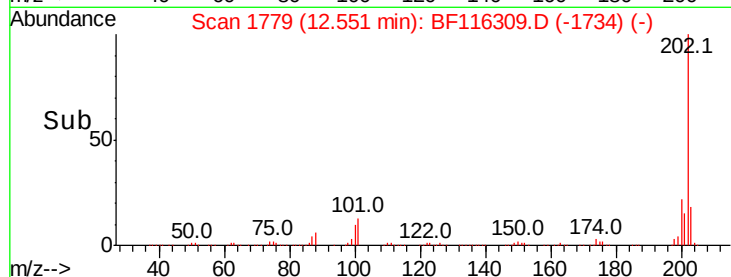
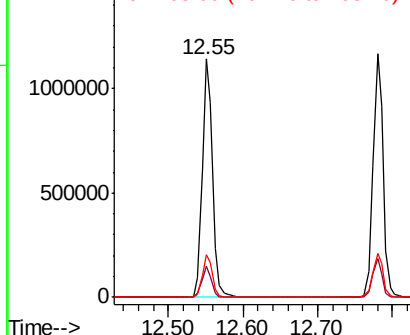
Tot Ion	Ratio	Resp	Lower	Upper
202	100	1112666		
101	13.3		0.0	31.2
203	18.0		0.0	37.8

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

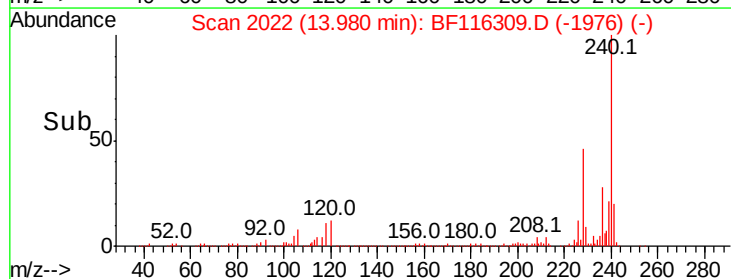
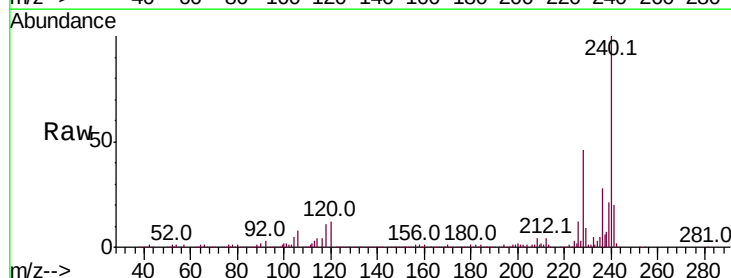
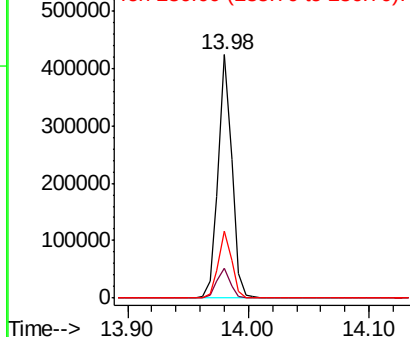
Delta R.T. -0.03 min

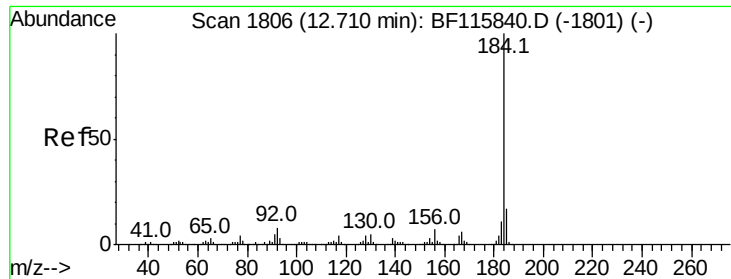
Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	329723		
120	12.0		10.7	16.1
236	27.7		22.2	33.2

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.976 ng

RT: 12.67 min Scan# 1800

Delta R.T. -0.02 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Instrument :

BNA_F

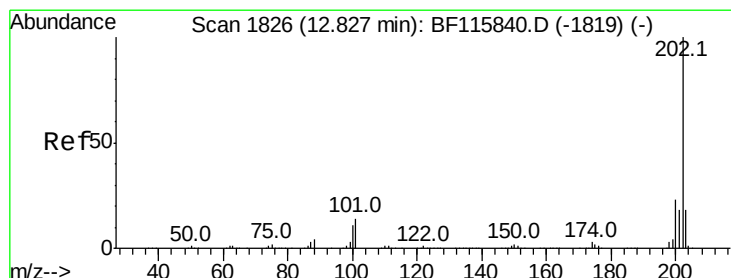
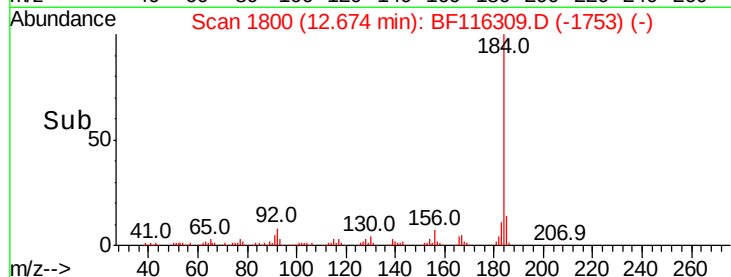
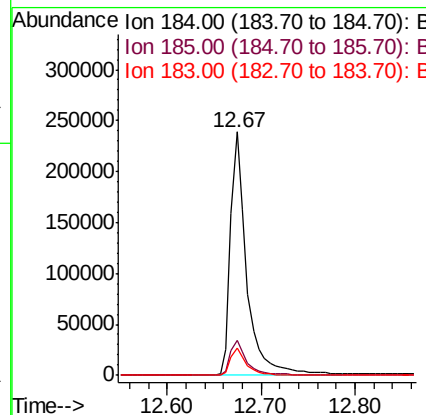
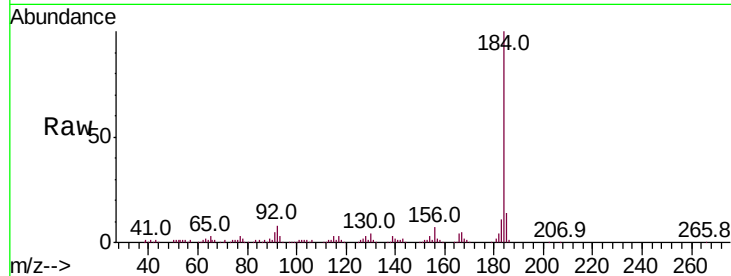
ClientSampleId :

PB122249BS

Tot Ion:	184	Resp:	289361
Ion Ratio	Lower	Upper	
184	100		
185	14.3	12.8	19.2
183	11.3	9.4	14.0

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#78

Pyrene

Concen: 44.783 ng

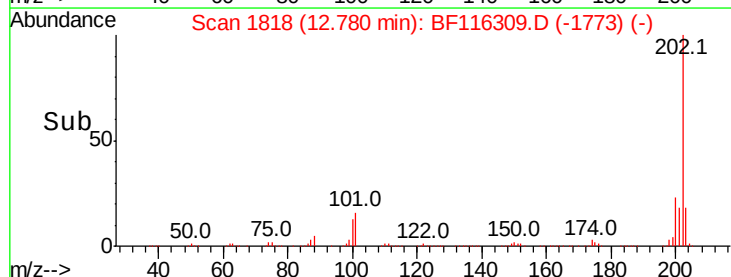
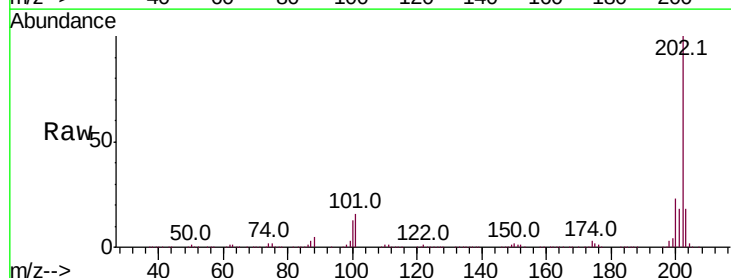
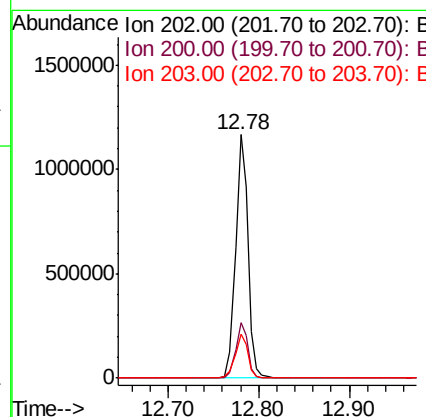
RT: 12.78 min Scan# 1818

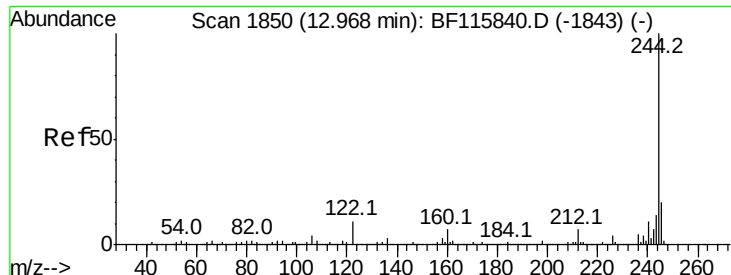
Delta R.T. -0.04 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Tgt Ion:	202	Resp:	1113085
Ion Ratio	Lower	Upper	
202	100		
200	22.9	18.0	27.0
203	18.1	14.1	21.1





#79

Terphenyl-d14

Concen: 86.021 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.04 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Instrument :

BNA_F

ClientSampleId :

PB122249BS

Tot Ion:244 Resp: 1346036

Ion Ratio Lower Upper

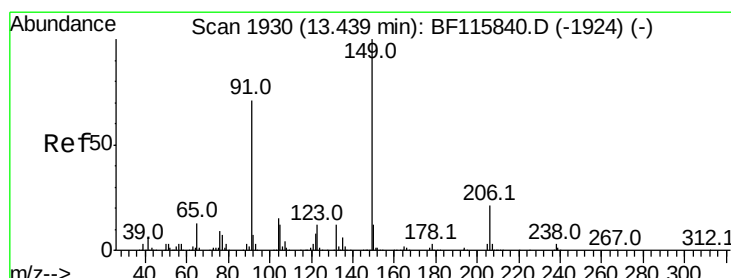
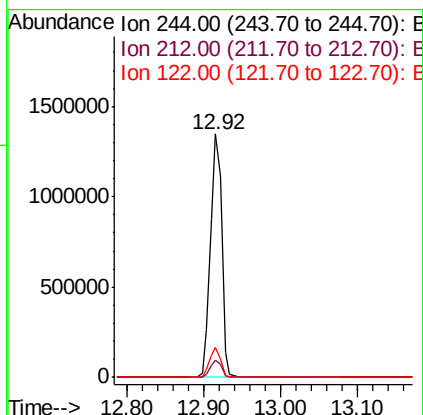
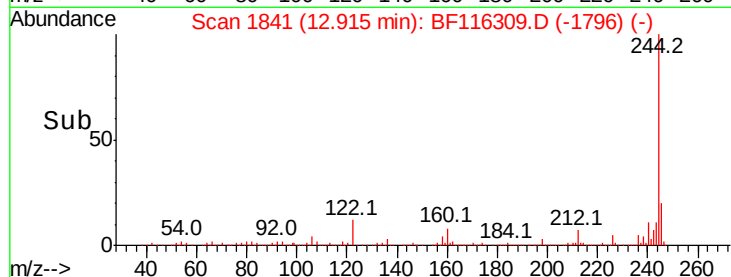
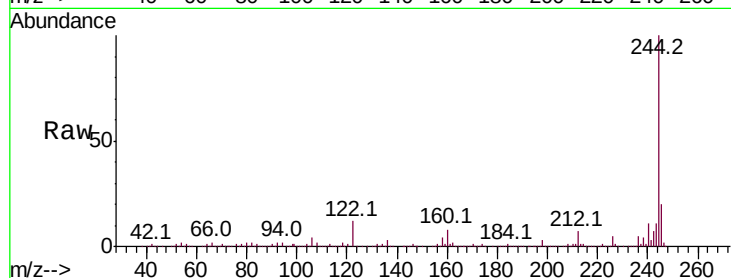
244 100

212 7.1 5.8 8.8

122 12.0 9.0 13.4

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#80

Butylbenzylphthalate

Concen: 47.949 ng

RT: 13.39 min Scan# 1921

Delta R.T. -0.04 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

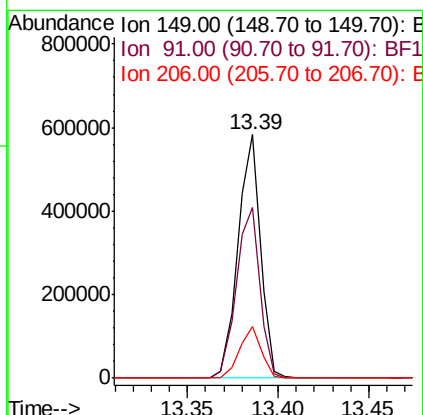
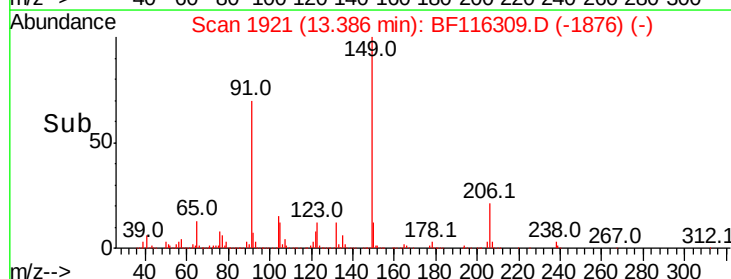
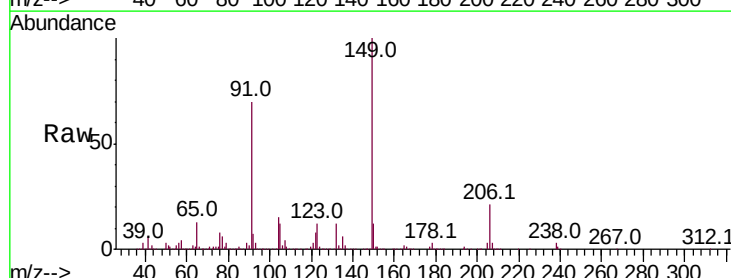
Tgt Ion:149 Resp: 504127

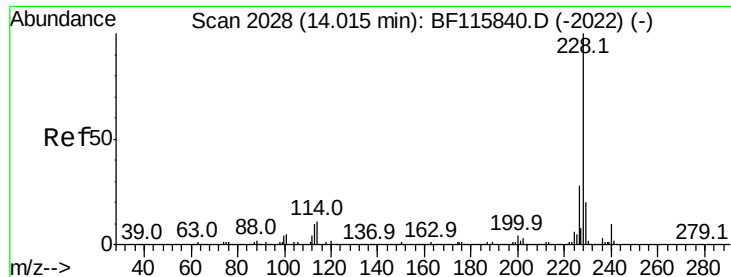
Ion Ratio Lower Upper

149 100

91 70.3 56.3 84.5

206 21.3 18.0 27.0





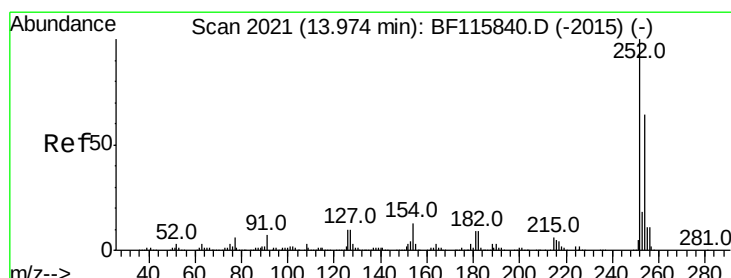
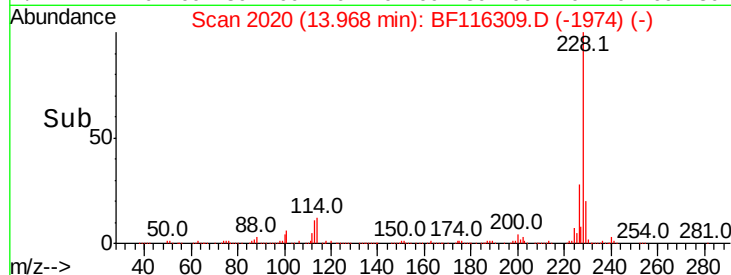
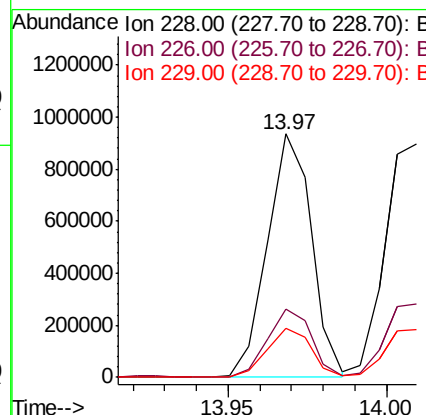
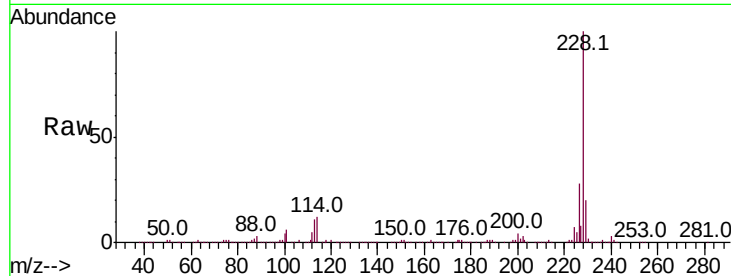
#81
Benzo(a)anthracene
Concen: 43.037 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	27.9	22.7	34.1	
229	20.3	16.2	24.4	

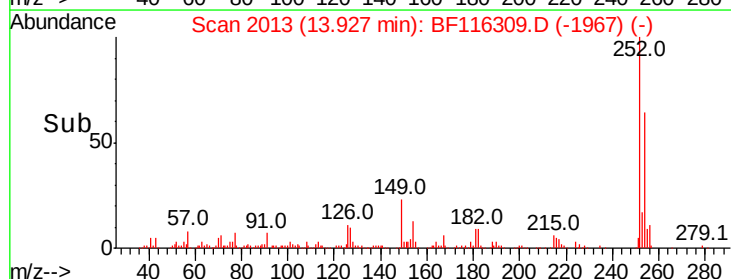
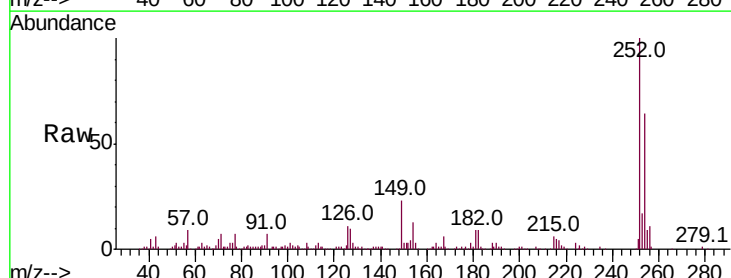
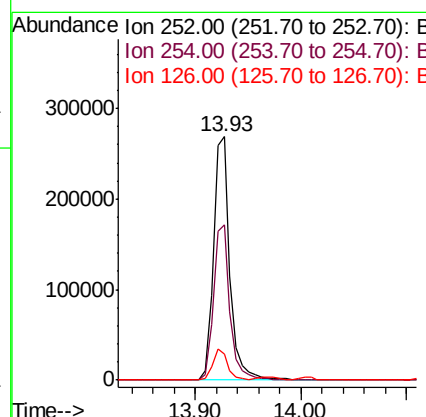
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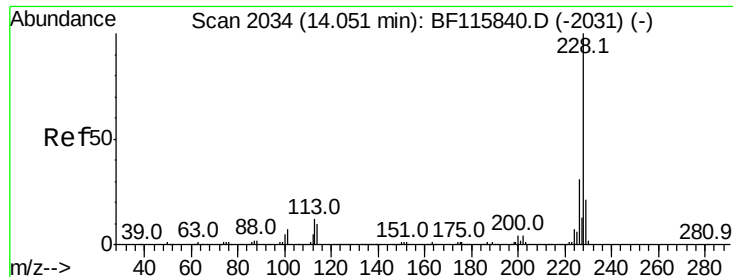
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#82
3,3'-Dichlorobenzidine
Concen: 39.958 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.03 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
254	64.0	50.9	76.3	
126	10.7	9.8	14.8	





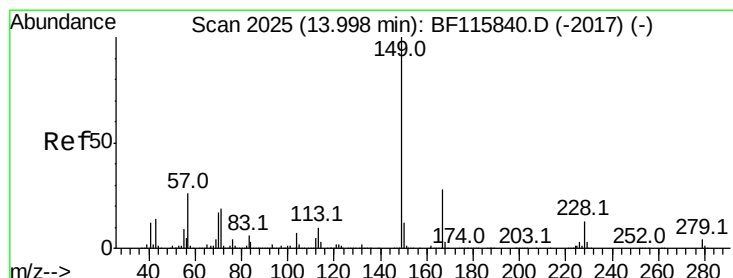
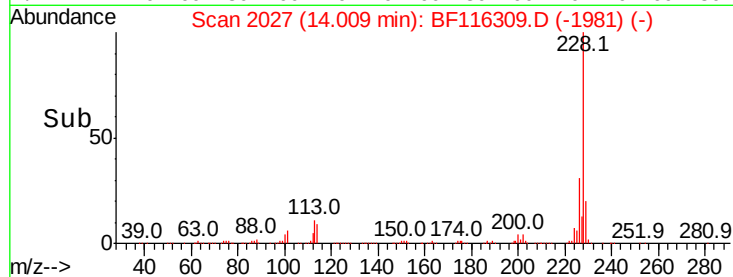
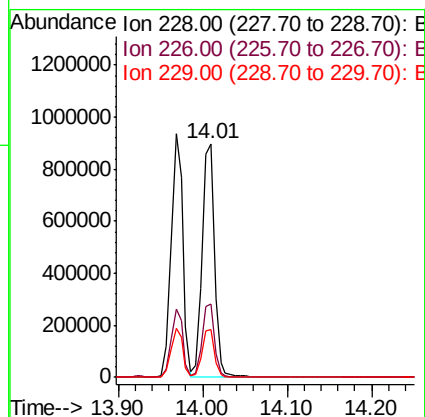
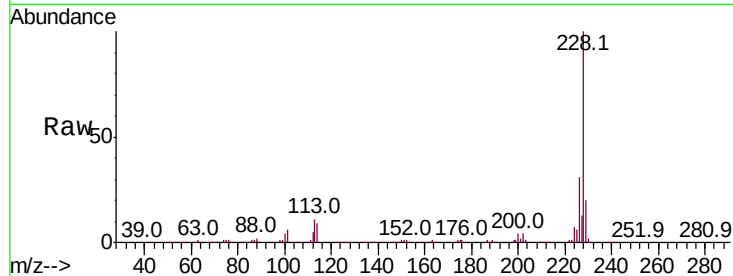
#83
 Chrysene
 Concen: 44.104 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.03 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Instrument :
 BNA_F
 ClientSampleId :
 PB122249BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100			
226	31.2	25.5	38.3	
229	20.4	16.6	24.8	

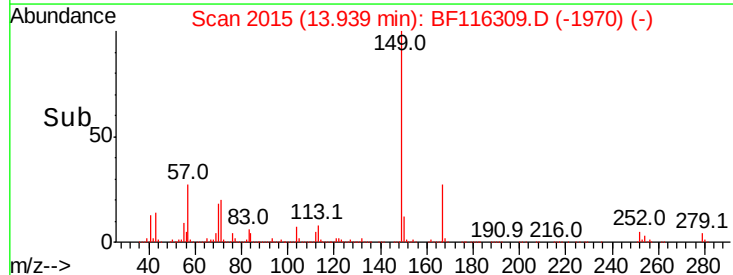
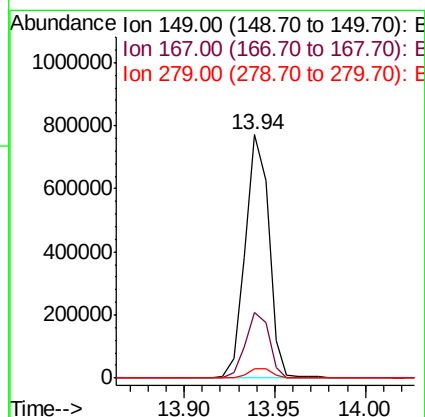
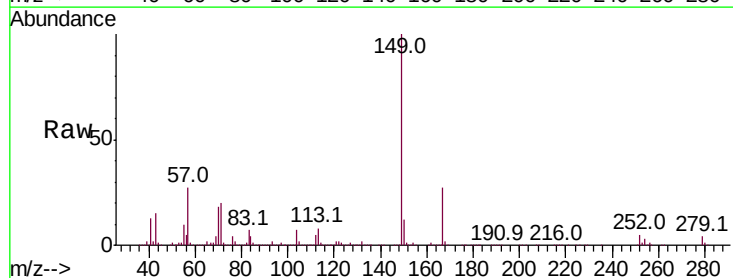
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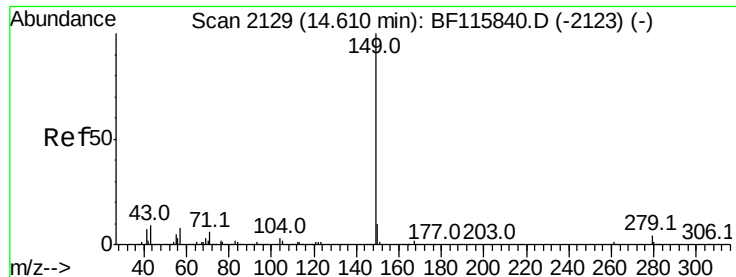
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.456 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.04 min
 Lab File: BF116309.D
 Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	27.2	21.6	32.4	
279	3.7	3.0	4.4	





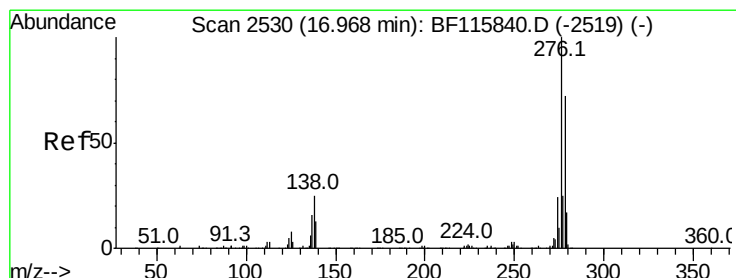
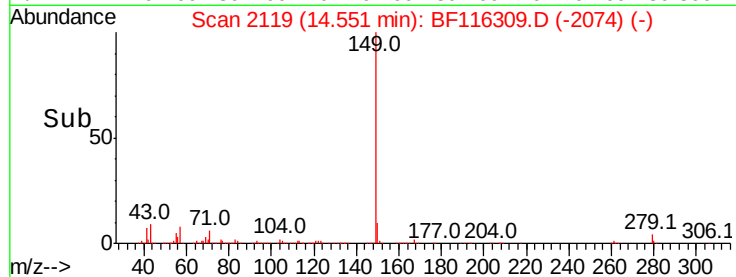
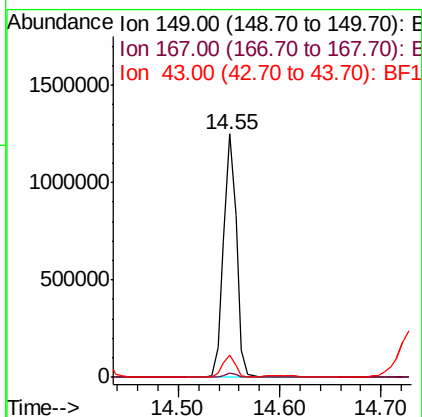
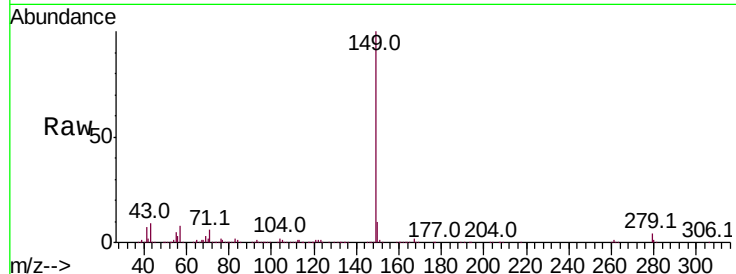
#85
Di-n-octyl phthalate
Concen: 50.938 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.04 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	8.8	7.5	11.3

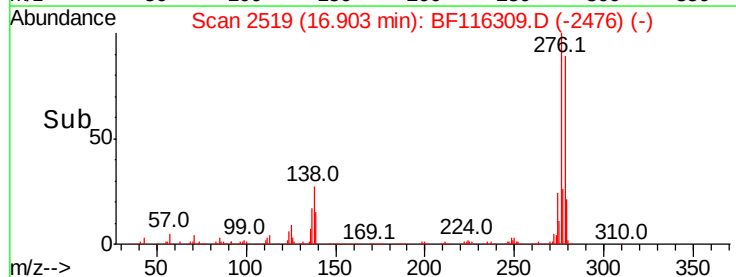
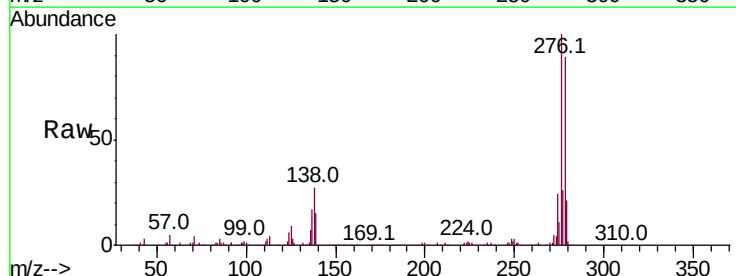
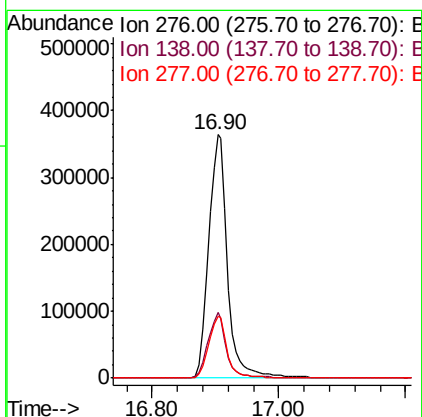
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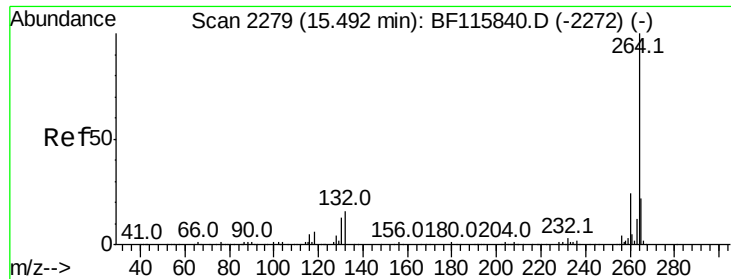
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#86
Indeno(1,2,3-cd)pyrene
Concen: 44.560 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.05 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.4	30.6
277	25.2	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2270

Delta R.T. -0.04 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Instrument :

BNA_F

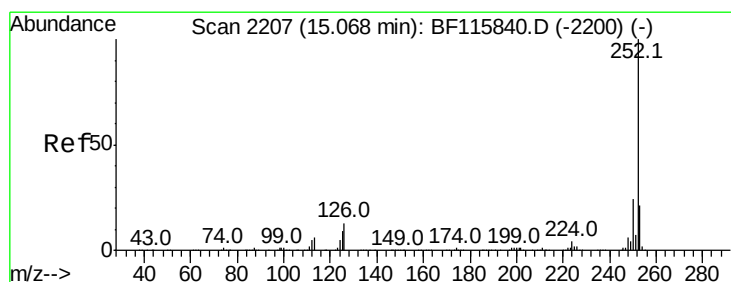
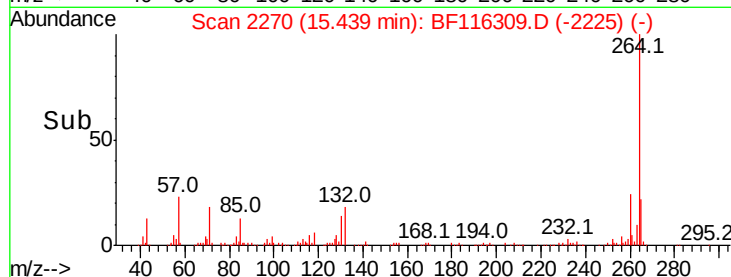
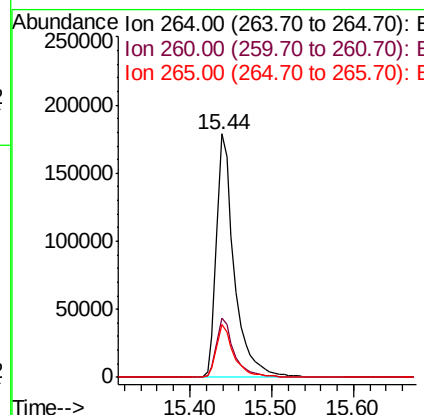
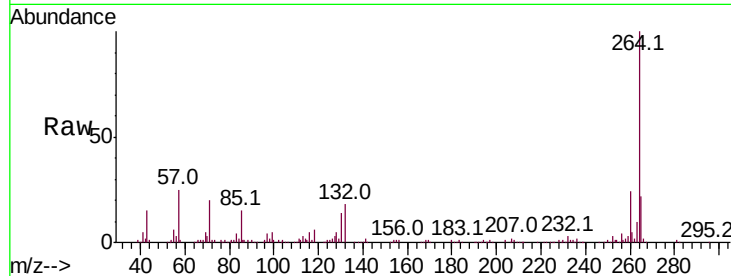
ClientSampleId :

PB122249BS

Tot Ion:	264	Resp:	272322
Ion Ratio	Lower	Upper	
264	100		
260	24.2	19.7	29.5
265	21.6	17.4	26.0

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#88

Benzo(b)fluoranthene

Concen: 53.912 ng

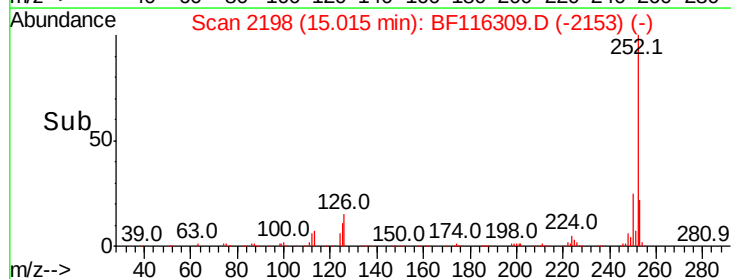
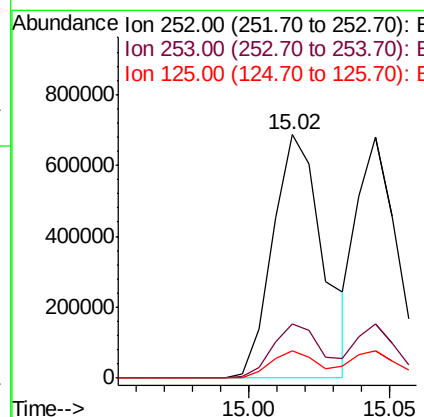
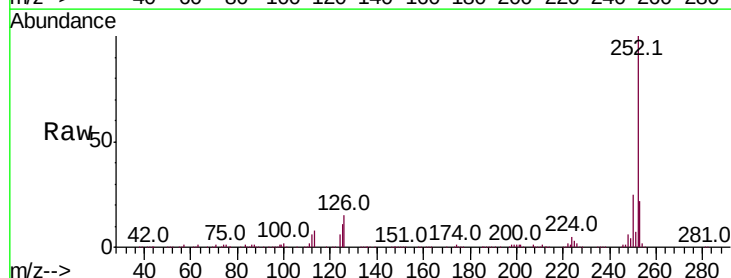
RT: 15.02 min Scan# 2198

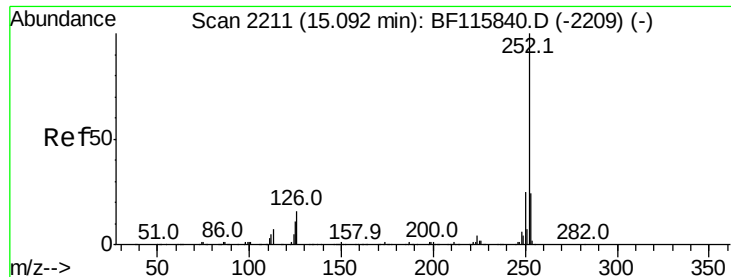
Delta R.T. -0.04 min

Lab File: BF116309.D

Acq: 16 Aug 2019 9:17

Tgt Ion:	252	Resp:	848901
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.8	26.8
125	11.4	8.4	12.6





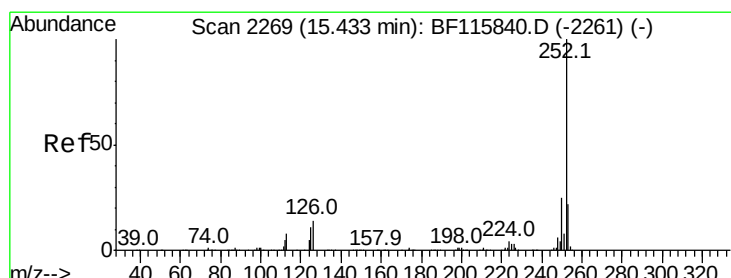
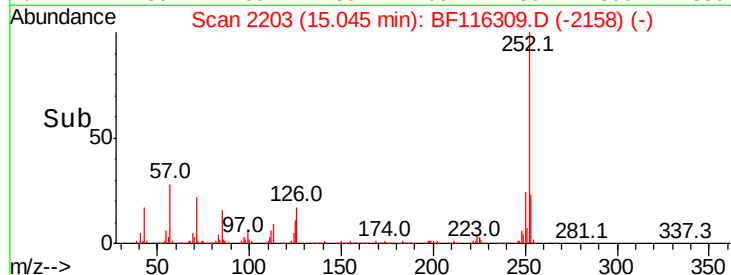
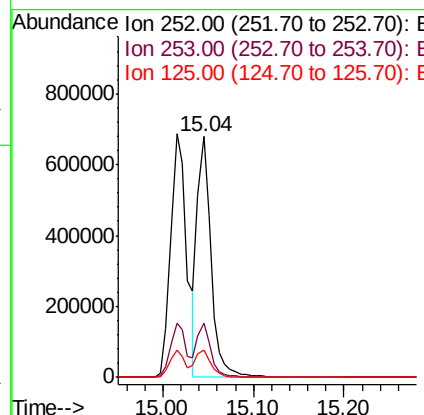
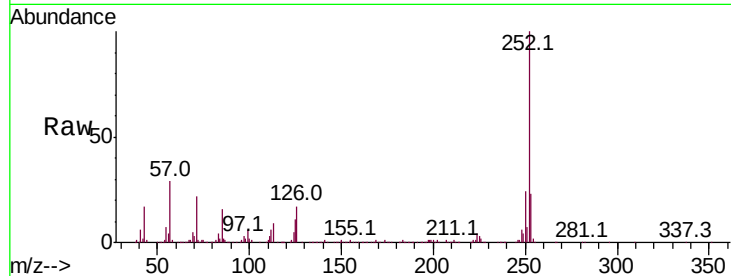
#89
Benzo(k)fluoranthene
Concen: 45.993 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.04 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	11.5	7.7	11.5

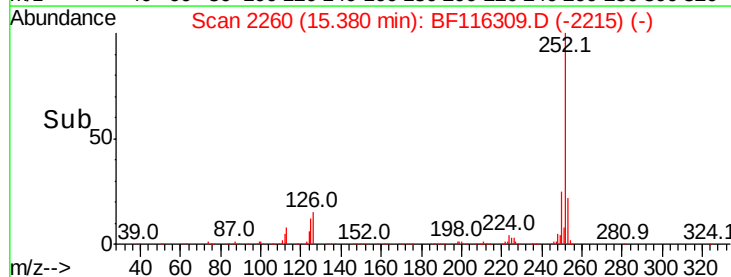
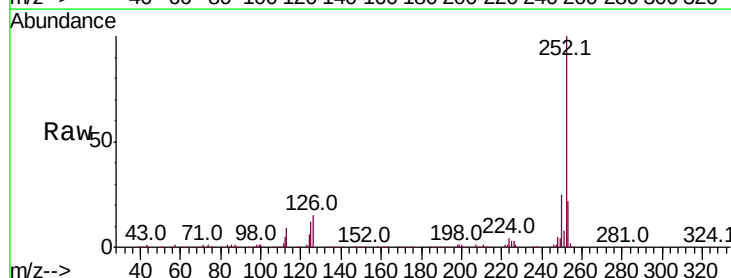
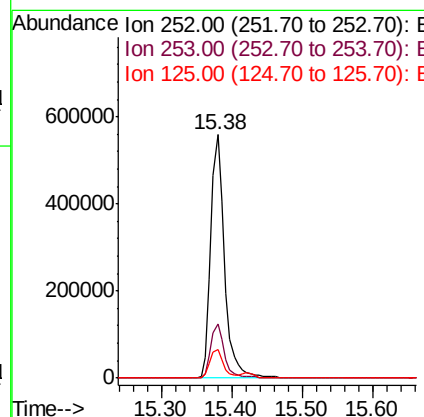
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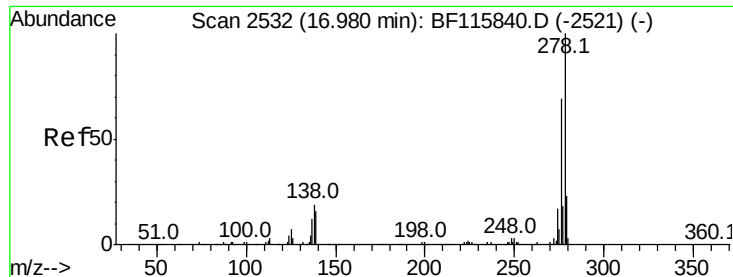
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#90
Benzo(a)pyrene
Concen: 54.060 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.04 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.0	27.0
125	11.6	8.9	13.3





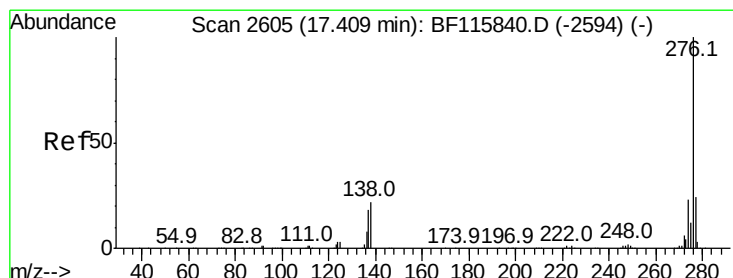
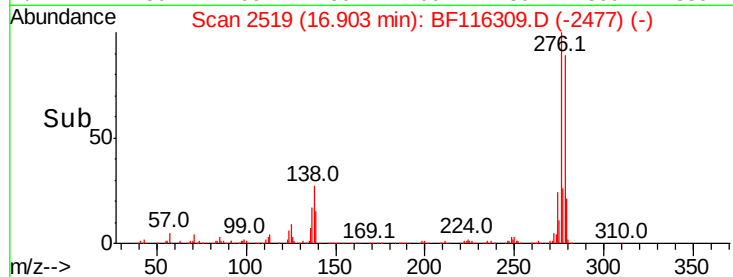
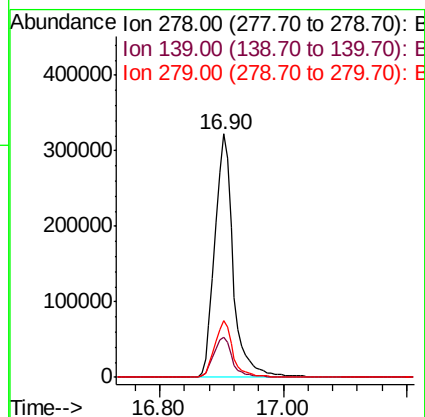
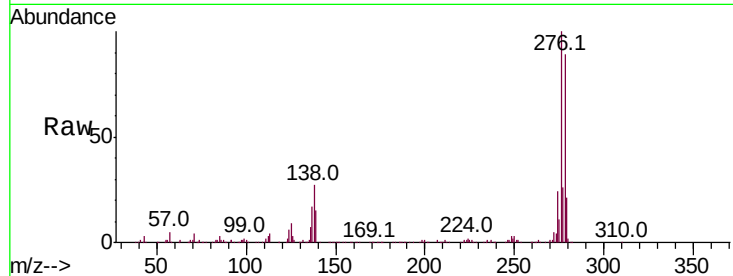
#91
Dibenzo(a,h)anthracene
Concen: 54.282 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.05 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Instrument :
BNA_F
ClientSampleId :
PB122249BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	12.8	19.2
279	23.4	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/20/2019 8:36:43 AM



#92
Benzo(g,h,i)perylene
Concen: 54.268 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.05 min
Lab File: BF116309.D
Acq: 16 Aug 2019 9:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	23.0	17.0	25.6

