

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041520\
 Data File : BF120023.D
 Acq On : 16 Apr 2020 5:34
 Operator : MA/SJ
 Sample : L2261-05MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MSD

Manual Integrations
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mohammad
 4/16/2020 12:53:13 PM

Quant Time: Apr 16 08:14:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	159176	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	606160	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	318148	20.00	ng	0.00
64) Phenanthrene-d10	11.26	188	551454	20.00	ng	0.00
76) Chrysene-d12	13.90	240	325004	20.00	ng	0.00
87) Perylene-d12	15.32	264	265368	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	440291	47.80	ng	0.00
7) Phenol-d6	6.36	99	351765	29.64	ng	-0.01
23) Nitrobenzene-d5	7.30	82	1117830	95.40	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	311482	79.97	ng	0.00
45) 2-Fluorobiphenyl	9.10	172	2185003	97.51	ng	0.00
79) Terphenyl-d14	12.84	244	2172941	112.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	70629	17.216	ng	97
3) Pyridine	3.13	79	140140	12.451	ng	96
4) n-Nitrosodimethylamine	3.07	42	114363	19.886	ng	99
6) Aniline	6.39	93	207209	13.302	ng	95
8) 2-Chlorophenol	6.51	128	426351	41.429	ng	98
9) Benzaldehyde	6.27	77	246796	37.900	ng	99
10) Phenol	6.37	94	213070	15.825	ng	94
11) bis(2-Chloroethyl)ether	6.46	93	526052	50.600	ng	99
12) 1,3-Dichlorobenzene	6.66	146	395256	35.081	ng	99
13) 1,4-Dichlorobenzene	6.75	146	409791	35.705	ng	98
14) 1,2-Dichlorobenzene	6.90	146	396639	37.500	ng	97
15) Benzyl Alcohol	6.87	79	282694	30.667	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.01	45	930129	45.977	ng	97
17) 2-Methylphenol	6.99	107	291939	31.787	ng	96
18) Hexachloroethane	7.24	117	137966	32.166	ng	92
19) n-Nitroso-di-n-propylamine	7.15	70	387485	50.772	ng	98
20) 3+4-Methylphenols	7.15	107	317436	28.261	ng	91
22) Acetophenone	7.14	105	746697	52.605	ng	# 95
24) Nitrobenzene	7.32	77	580730	49.269	ng	99
25) Isophorone	7.56	82	1070111	47.378	ng	98
26) 2-Nitrophenol	7.63	139	273671	46.474	ng	98
27) 2,4-Dimethylphenol	7.67	122	381435	42.948	ng	100
28) bis(2-Chloroethoxy)methane	7.77	93	670174	50.423	ng	100
29) 2,4-Dichlorophenol	7.87	162	397646	43.680	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	371496	36.015	ng	98
31) Naphthalene	8.03	128	1351280	42.371	ng	99
32) Benzoic acid	7.77	122	110939m	14.223	ng	
33) 4-Chloroaniline	8.09	127	150989	10.875	ng	97
34) Hexachlorobutadiene	8.15	225	182605	29.573	ng	98
35) Caprolactam	8.48	113	24919m	8.948	ng	
36) 4-Chloro-3-methylphenol	8.57	107	422904	42.908	ng	97
37) 2-Methylnaphthalene	8.73	142	996796	46.102	ng	99
38) 1-Methylnaphthalene	8.83	142	950402	46.635	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	447511	44.535	ng	99

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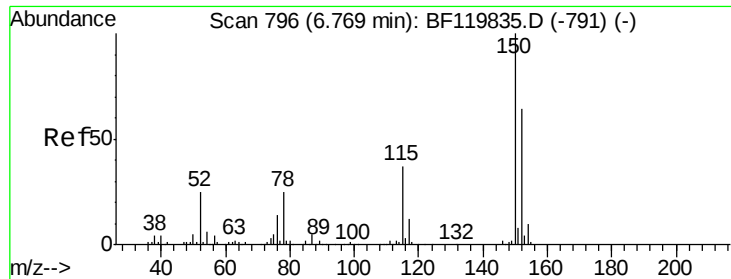
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	395240	69.171	nq	98
43) 2,4,6-Trichlorophenol	9.01	196	321630	46.352	nq	99
44) 2,4,5-Trichlorophenol	9.05	196	339519	43.443	nq	96
46) 1,1'-Biphenyl	9.19	154	1282700	47.767	nq	98
47) 2-Chloronaphthalene	9.22	162	986597	47.693	nq	97
48) 2-Nitroaniline	9.32	65	357205	47.649	nq	95
49) Acenaphthylene	9.63	152	1527155	48.542	nq	99
50) Dimethylphthalate	9.50	163	1298516	52.767	nq	100
51) 2,6-Dinitrotoluene	9.56	165	268193	49.769	nq	94
52) Acenaphthene	9.80	154	1085144m	51.708	nq	
53) 3-Nitroaniline	9.73	138	106542	17.311	nq	99
54) 2,4-Dinitrophenol	9.84	184	256293	79.439	nq	92
55) Dibenzofuran	9.98	168	1395804	48.468	nq	100
56) 4-Nitrophenol	9.90	139	135779	29.651	nq	96
57) 2,4-Dinitrotoluene	9.97	165	344446	48.515	nq	98
58) Fluorene	10.32	166	1084337	47.081	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.10	232	279277	46.723	nq	98
60) Diethylphthalate	10.20	149	1245165	48.821	nq	100
61) 4-Chlorophenyl-phenylether	10.32	204	527505	44.687	nq	100
62) 4-Nitroaniline	10.35	138	182555	31.125	nq	97
63) Azobenzene	10.47	77	1127042	49.308	nq	99
65) 4,6-Dinitro-2-methylphenol	10.37	198	170281	46.870	nq	88
66) n-Nitrosodiphenylamine	10.44	169	984501	53.681	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	324992	47.389	nq	94
68) Hexachlorobenzene	10.87	284	349788	50.278	nq	98
69) Atrazine	10.97	200	281953	55.256	nq	98
70) Pentachlorophenol	11.07	266	348433	86.908	nq	99
71) Phenanthrene	11.28	178	1463947	49.881	nq	98
72) Anthracene	11.33	178	1479743	49.355	nq	99
73) Carbazole	11.49	167	1482671	52.294	nq	98
74) Di-n-butylphthalate	11.83	149	2127261	57.073	nq	100
75) Fluoranthene	12.47	202	1687405	53.286	nq	98
78) Pyrene	12.70	202	1660274	60.597	nq	99
80) Butylbenzylphthalate	13.32	149	734803	55.270	nq	98
81) Benzo(a)anthracene	13.89	228	1089304	50.948	nq	99
83) Chrysene	13.93	228	1090214	50.183	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	958327	53.230	nq	99
85) Di-n-octyl phthalate	14.50	149	1592290	51.943	nq	99
86) Indeno(1,2,3-cd)pyrene	16.71	276	1070314	55.890	nq	98
88) Benzo(b)fluoranthene	14.92	252	1012402	53.033	nq	99
89) Benzo(k)fluoranthene	14.94	252	917533	55.706	nq	99
90) Benzo(a)pyrene	15.26	252	833569	51.933	nq	98
91) Dibenzo(a,h)anthracene	16.73	278	890030	62.600	nq	100
92) Benzo(g,h,i)perylene	17.13	276	822005	58.571	nq	97

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



#1

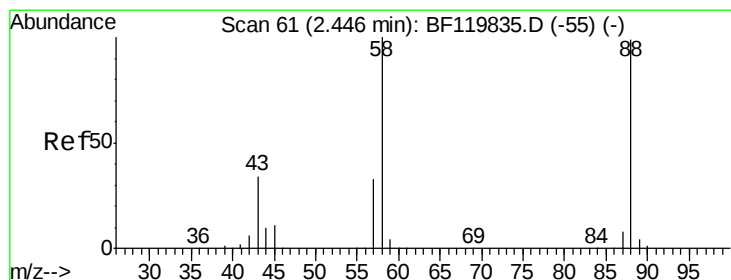
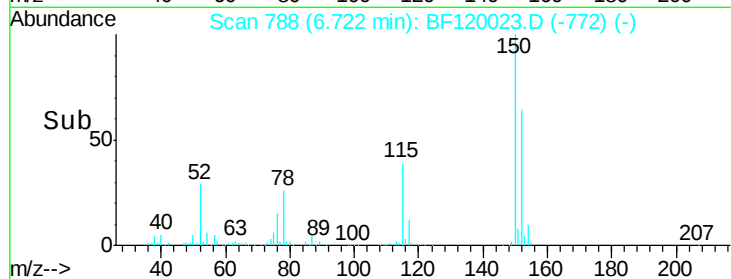
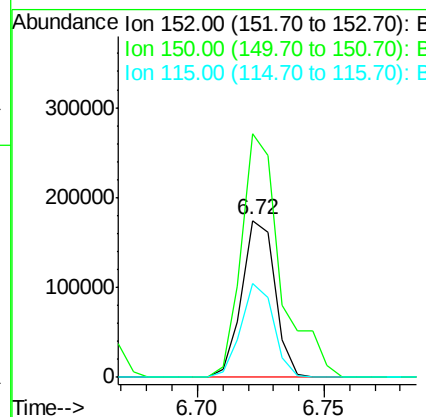
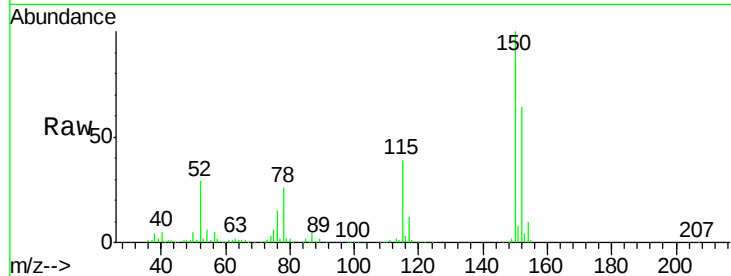
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Instrument :
BNA_F
ClientSampleId :
NCQ-632MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.8	187.2
115	60.2	46.5	69.7

Manual Integrations
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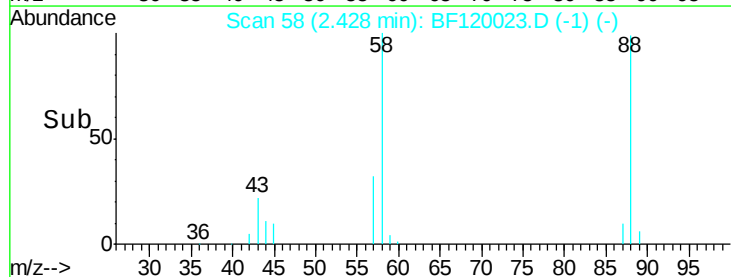
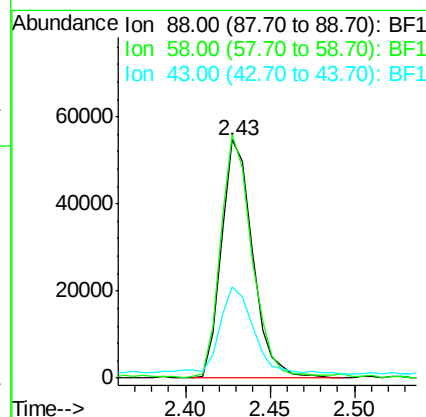
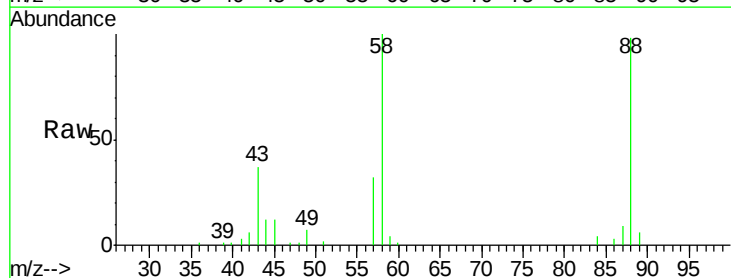
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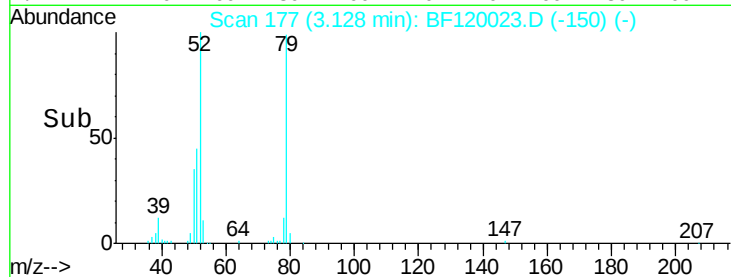
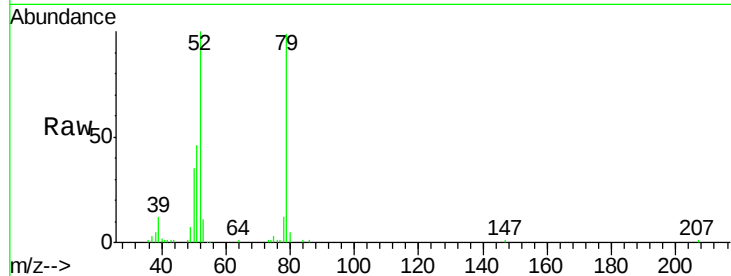
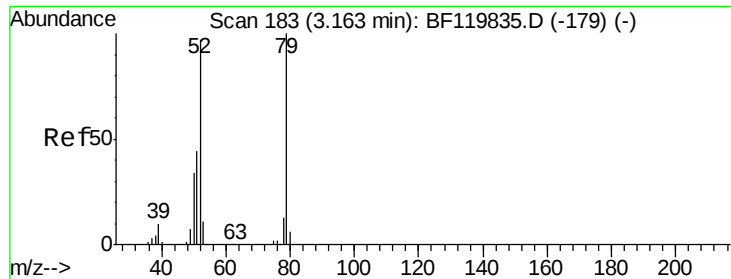


#2

1,4-Dioxane
Concen: 17.216 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.05 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Lower	Upper
88	100		
58	102.2	82.6	123.8
43	40.6	28.6	42.8





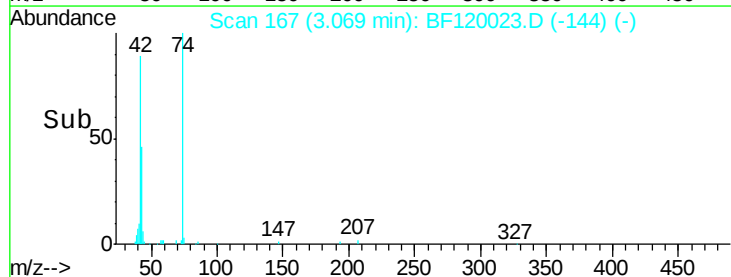
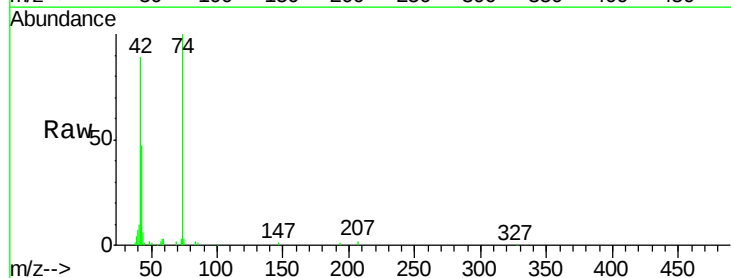
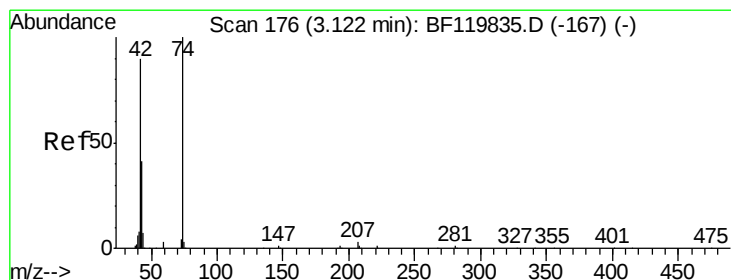
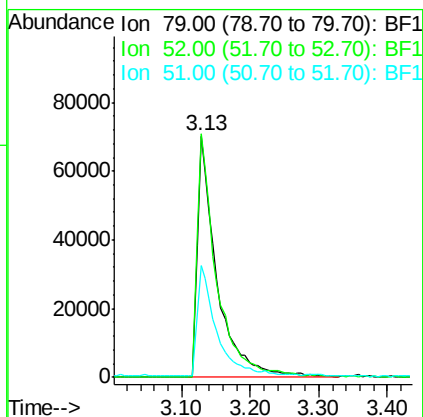
#3
 Pvridine
 Concen: 12.451 ng
 RT: 3.13 min Scan# 177
 Delta R.T. 0.06 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		140140		
52	100.9	77.4	116.0		
51	46.2	35.3	52.9		

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MSD

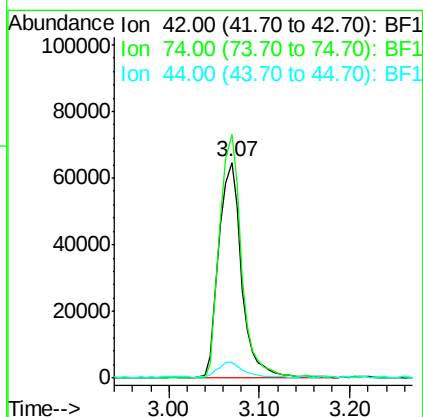
Manual Integrations
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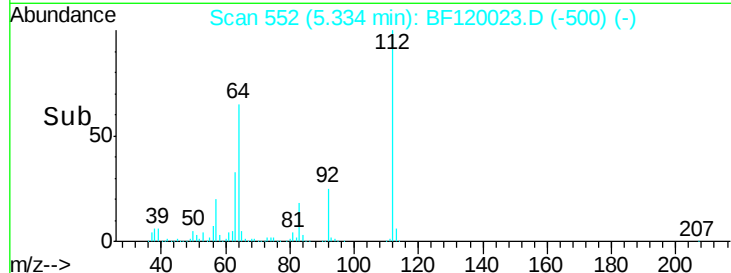
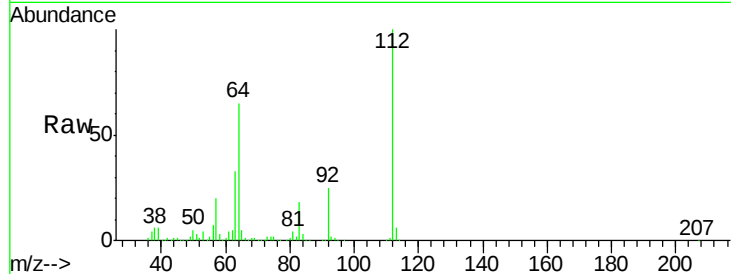
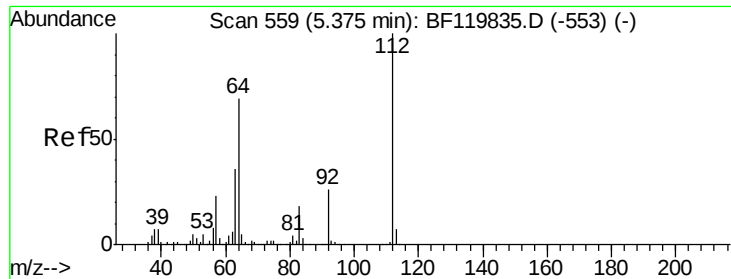
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#4
 n-Nitrosodimethylamine
 Concen: 19.886 ng
 RT: 3.07 min Scan# 167
 Delta R.T. 0.04 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		114363		
74	112.7	89.0	133.4		
44	7.3	6.2	9.4		





#5

2-Fluorophenol

Concen: 47.803 ng

RT: 5.33 min Scan# 552

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Tot Ion	Ratio	Resp	Lower	Upper
112	100	440291		
64	65.3	55.5	83.3	
63	33.1	29.1	43.7	

Instrument :

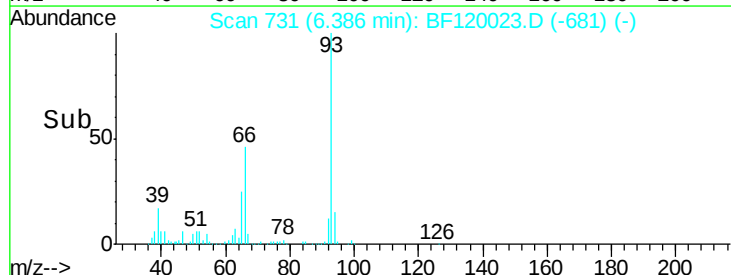
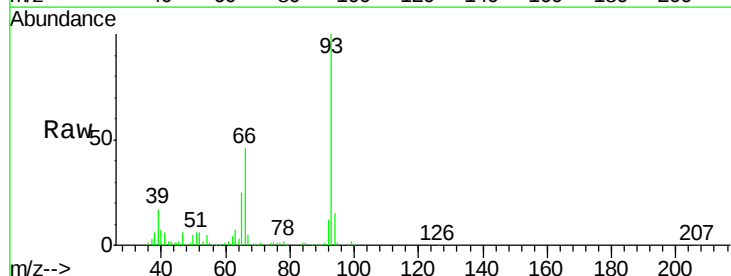
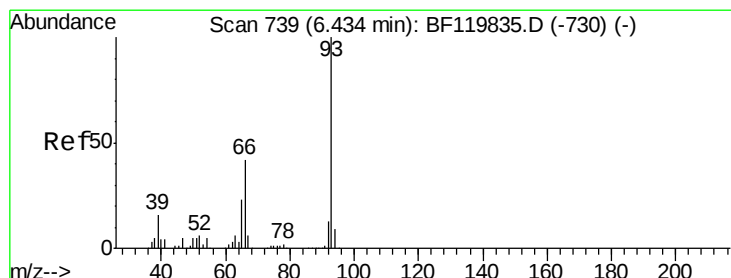
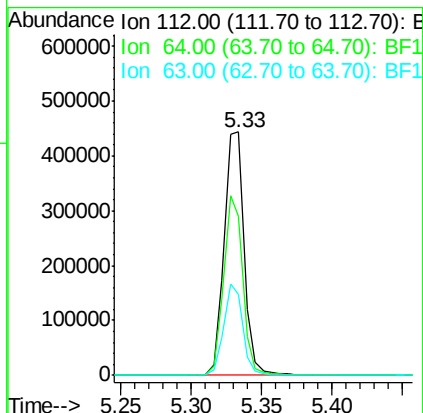
BNA_F

ClientSampleId :

NCQ-632MSD

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#6

Aniline

Concen: 13.302 ng

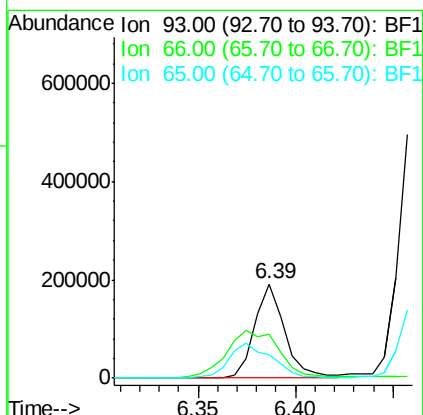
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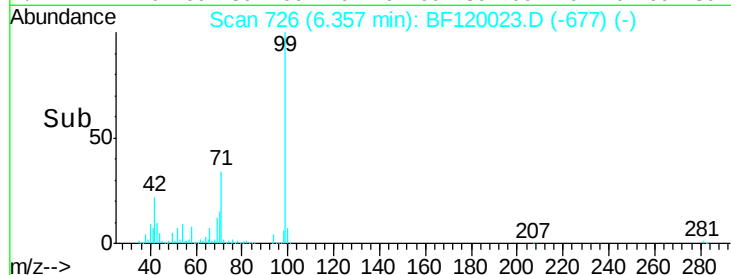
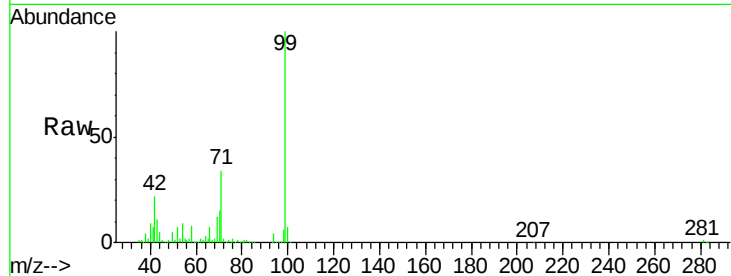
Delta R.T. -0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	207209		
66	46.1	34.2	51.2	
65	25.3	18.3	27.5	





#7

Phenol-d6

Concen: 29.639 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Tot Ion:	99	Resp:	351765
Ion Ratio	Lower	Upper	
99	100		
42	22.2	16.9	25.3
71	34.1	26.3	39.5

Instrument :

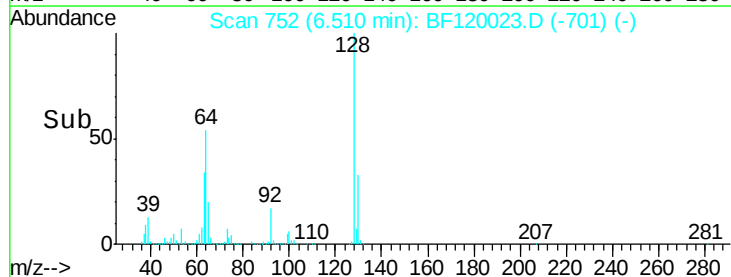
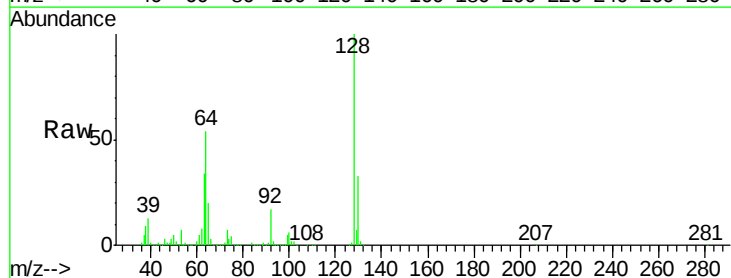
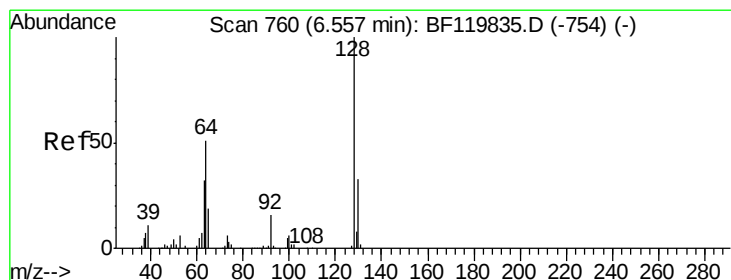
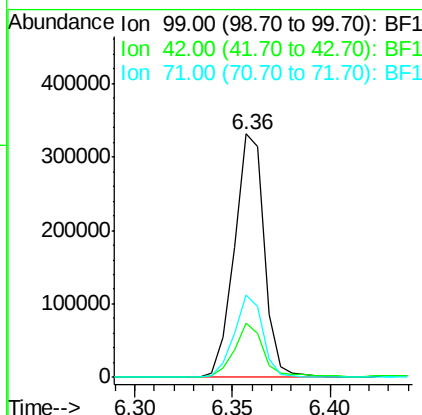
BNA_F

ClientSampleId :

NCQ-632MSD

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#8

2-Chlorophenol

Concen: 41.429 ng

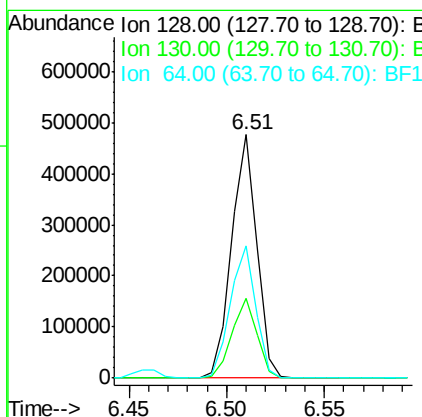
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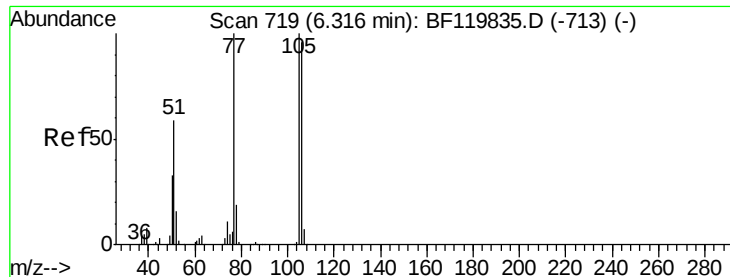
Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Tgt Ion:	128	Resp:	426351
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.6	52.6
64	54.4	32.0	72.0





#9

Benzaldehyde

Concen: 37.900 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA_F

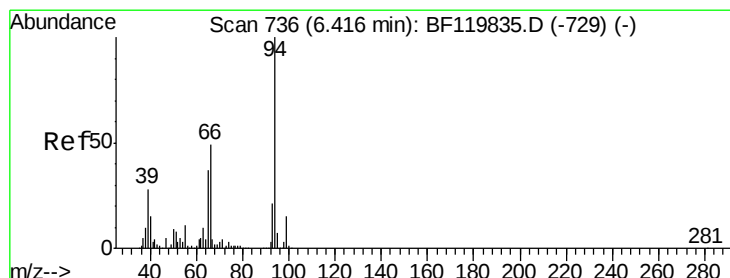
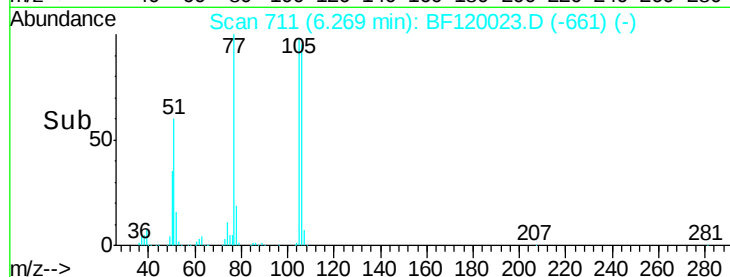
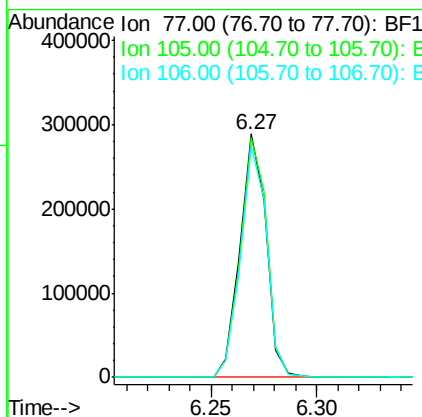
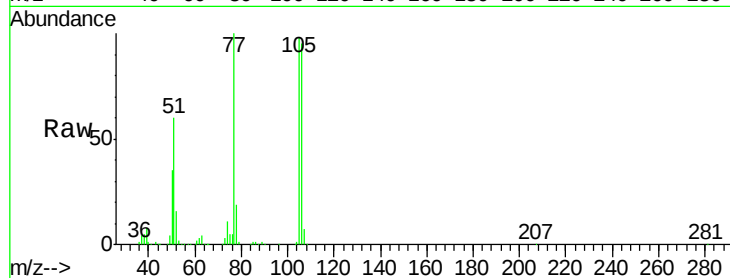
ClientSampleId :

NCQ-632MSD

Tot Ion:	77	Resp:	246796
Ion Ratio	Lower	Upper	
77	100		
105	98.5	79.9	119.9
106	94.9	76.4	116.4

Manual Integrations
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#10

Phenol

Concen: 15.825 ng

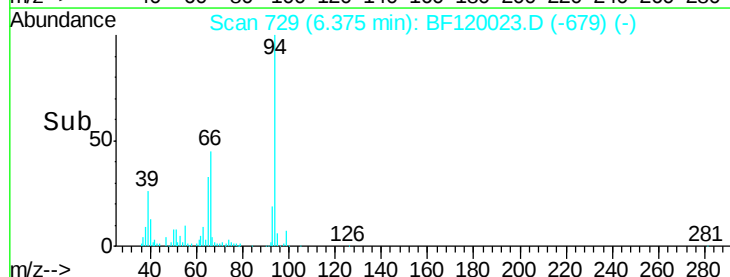
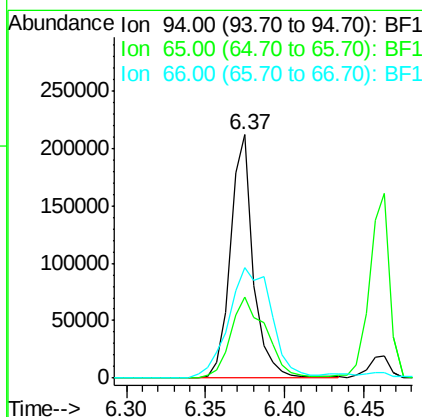
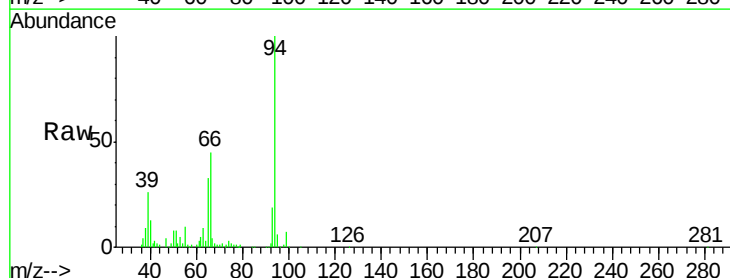
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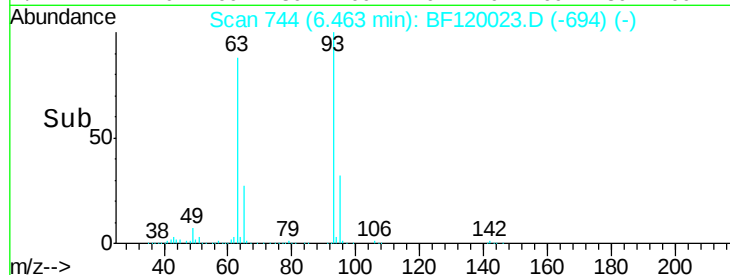
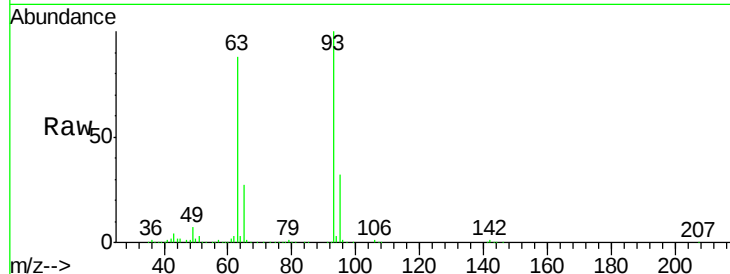
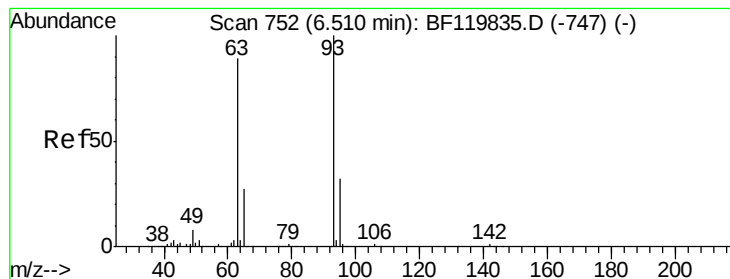
Delta R.T. -0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Tgt Ion:	94	Resp:	213070
Ion Ratio	Lower	Upper	
94	100		
65	33.3	16.6	56.6
66	45.5	29.3	69.3





#11

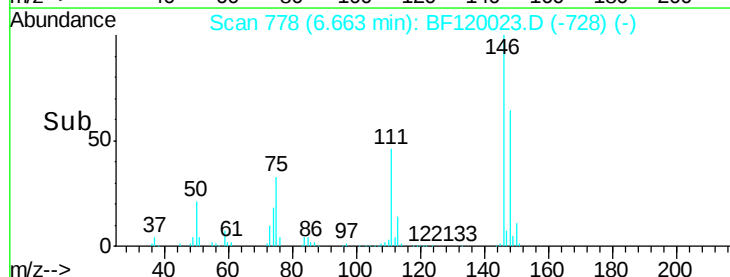
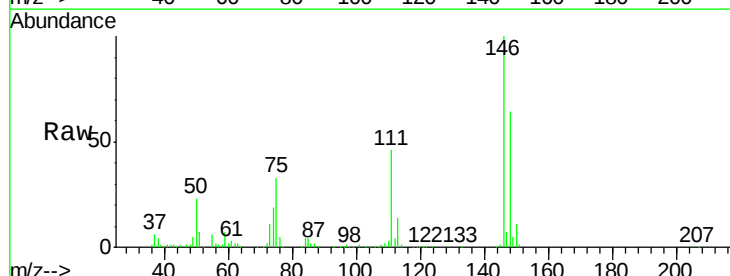
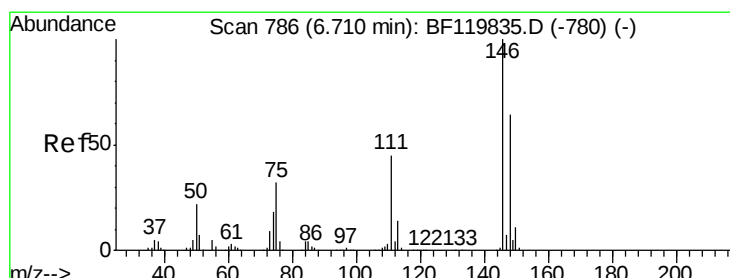
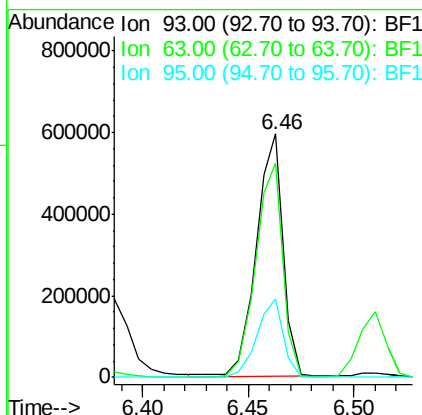
bis(2-Chloroethyl)ether
Concen: 50.600 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Tot Ion	Ratio	Resp	Lower	Upper
93	100	526052		
63	87.9	69.1	109.1	
95	32.0	12.3	52.3	

Instrument :
BNA_F
ClientSampleId :
NCQ-632MSD

Manual Integrations
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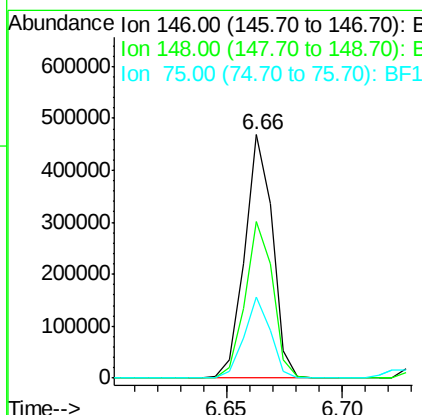
mohammad
4/16/2020 12:53:13 PM

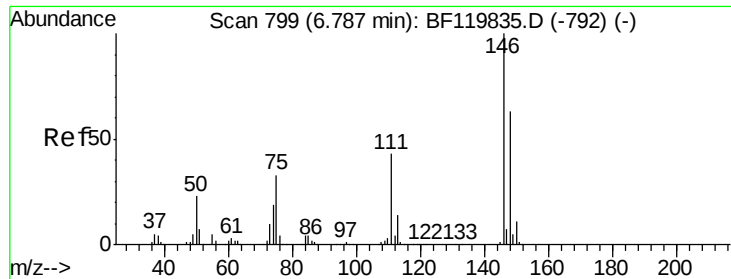


#12

1,3-Dichlorobenzene
Concen: 35.081 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	395256		
148	64.2	51.3	76.9	
75	33.2	25.3	37.9	





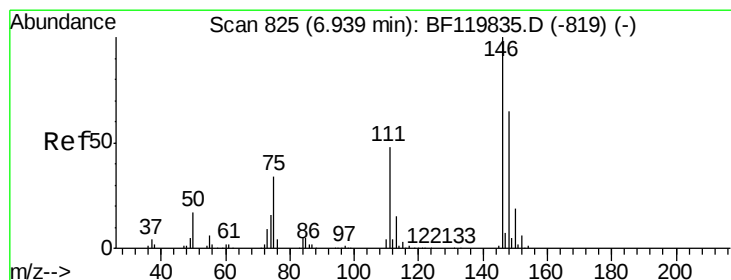
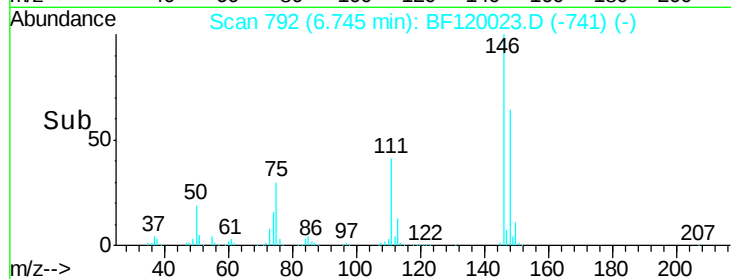
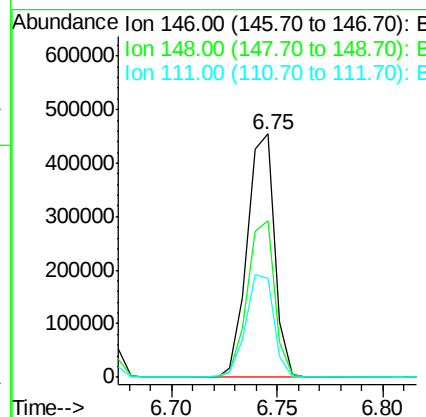
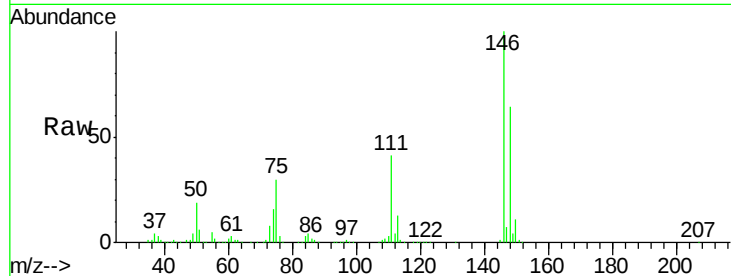
#13
 1,4-Dichlorobenzene
 Concen: 35.705 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.5	75.7
111	40.9	34.7	52.1

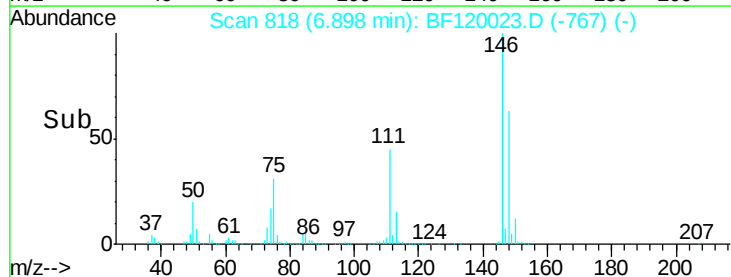
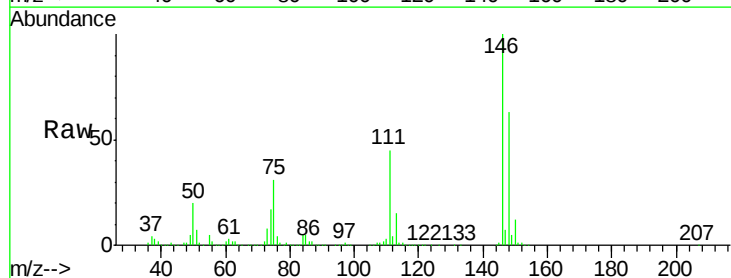
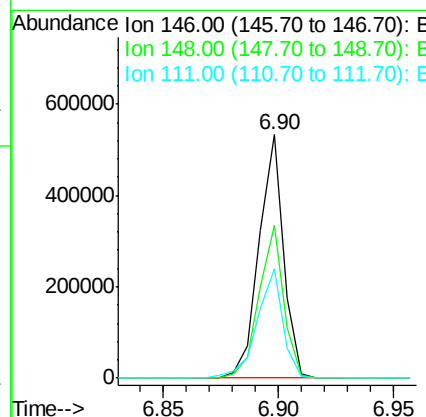
Manual Integrations
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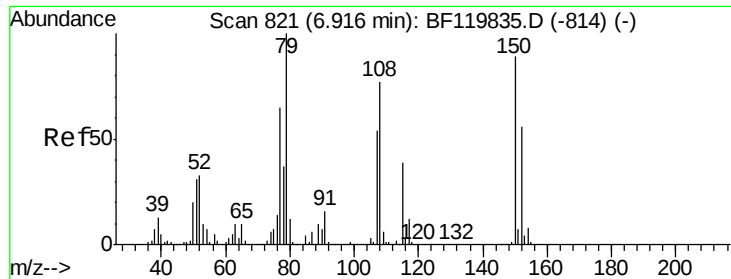
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 37.500 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.8	77.8
111	44.7	38.0	57.0





#15

Benzyl Alcohol

Concen: 30.667 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA_F

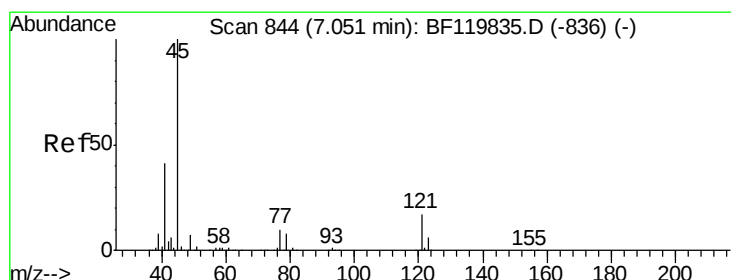
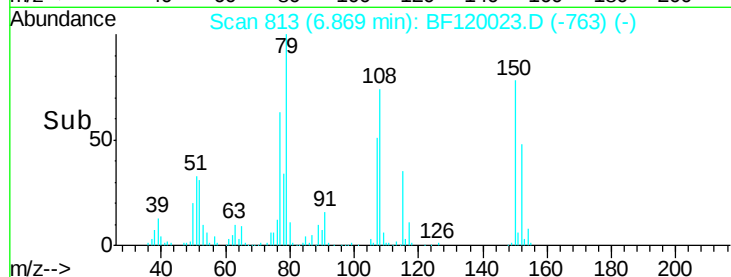
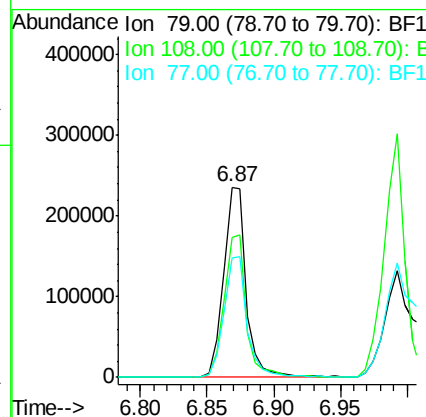
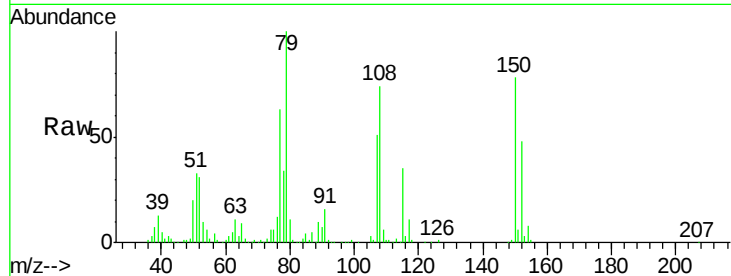
ClientSampleId :

NCQ-632MSD

Tot Ion:	79	Resp:	282694
Ion Ratio	Lower	Upper	
79	100		
108	73.6	62.0	93.0
77	62.5	51.8	77.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 45.977 ng

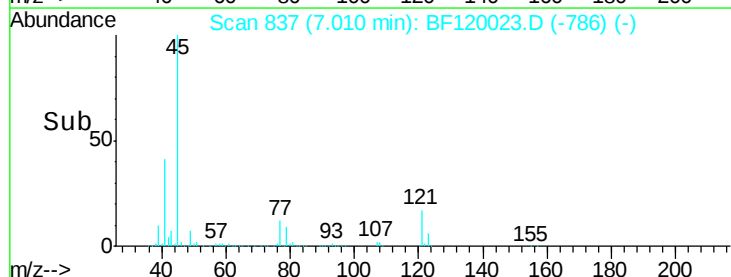
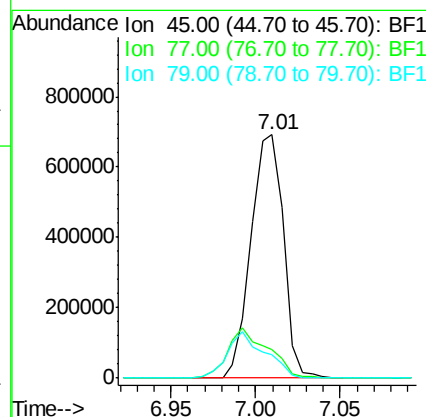
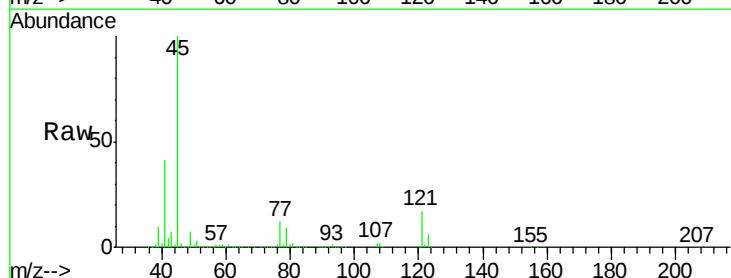
RT: 7.01 min Scan# 837

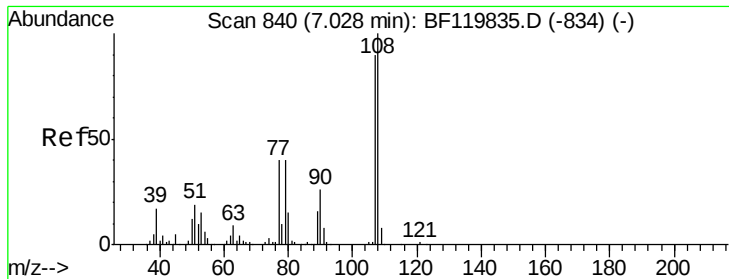
Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Tgt Ion:	45	Resp:	930129
Ion Ratio	Lower	Upper	
45	100		
77	11.7	0.0	30.7
79	9.5	0.0	28.6





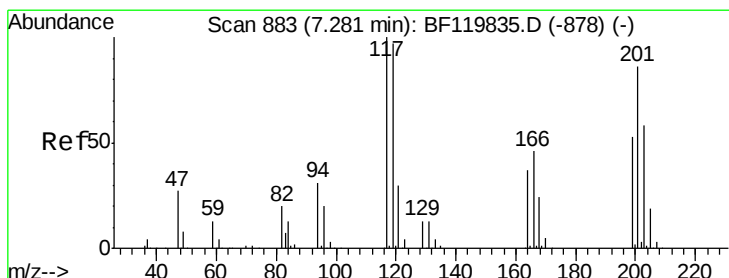
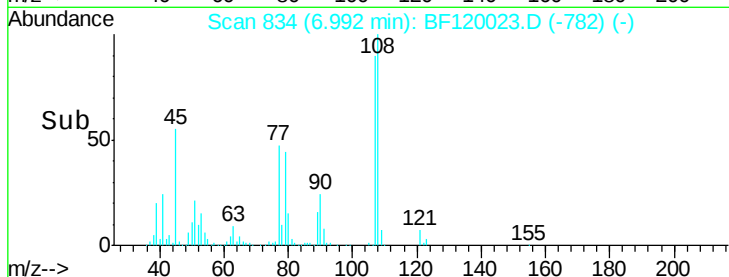
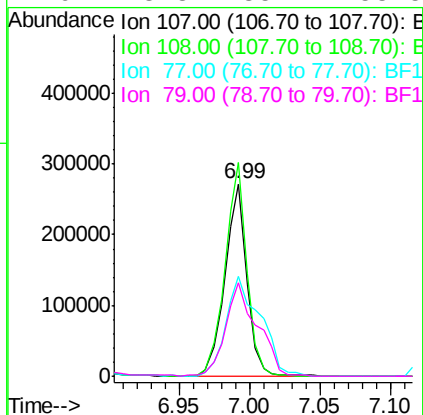
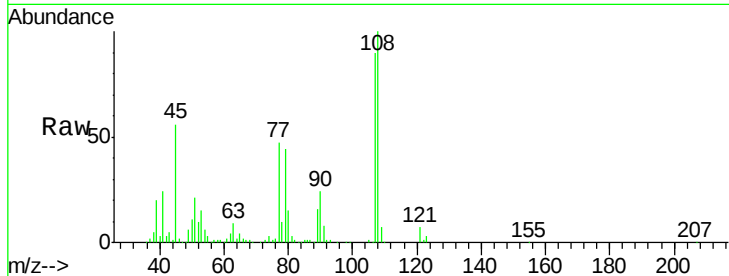
#17
2-Methylphenol
Concen: 31.787 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.01 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Instrument :
BNA_F
ClientSampleId :
NCQ-632MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	291939		
108	111.2	88.8	133.2	
77	52.3	36.0	54.0	
79	48.8	35.7	53.5	

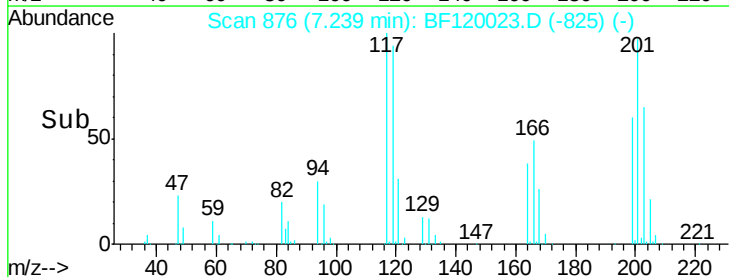
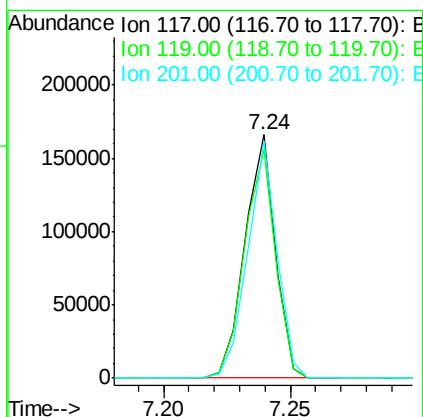
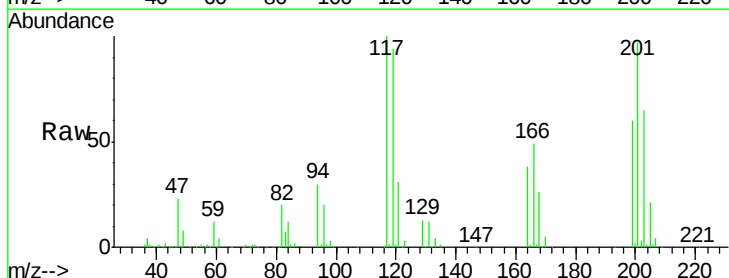
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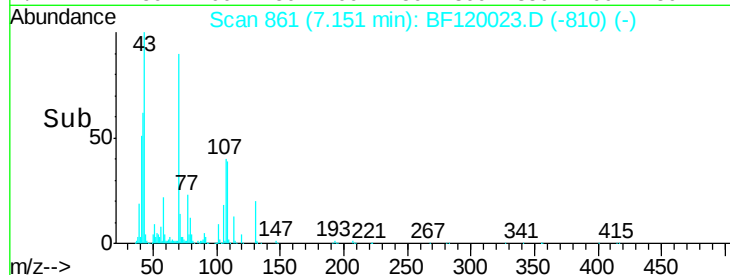
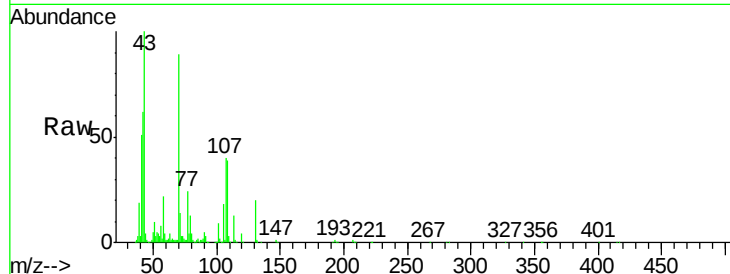
mohammad
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#18
Hexachloroethane
Concen: 32.166 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	137966		
119	93.6	77.4	116.0	
201	97.2	68.4	102.6	





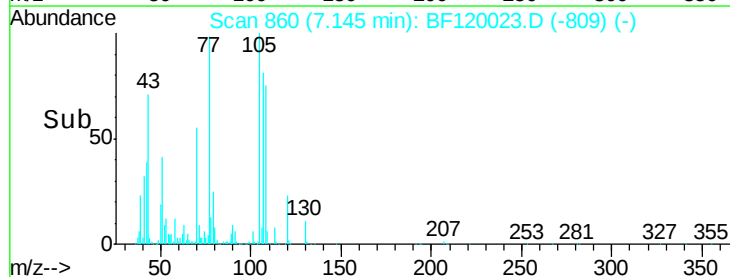
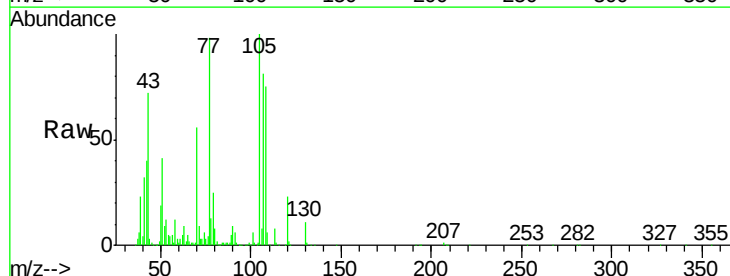
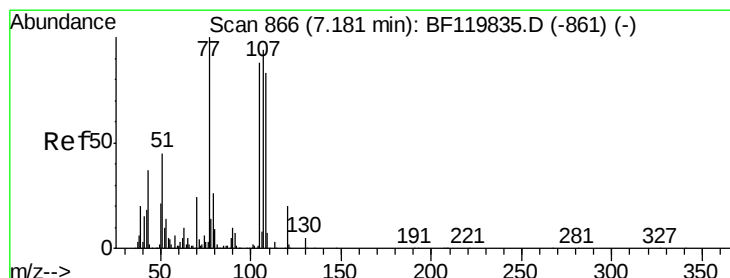
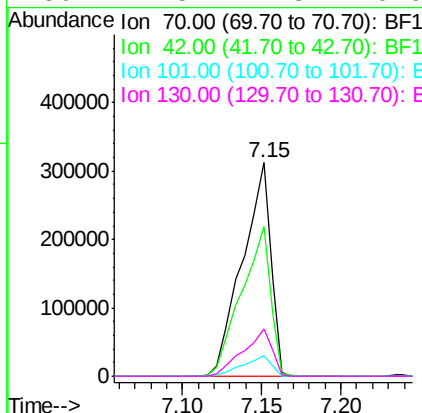
#19
n-Nitroso-di-n-propylamine
Concen: 50.772 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	69.8	54.2	81.4	
101	9.6	7.4	11.2	
130	22.5	17.8	26.6	

Instrument :
BNA_F
ClientSampleId :
NCQ-632MSD

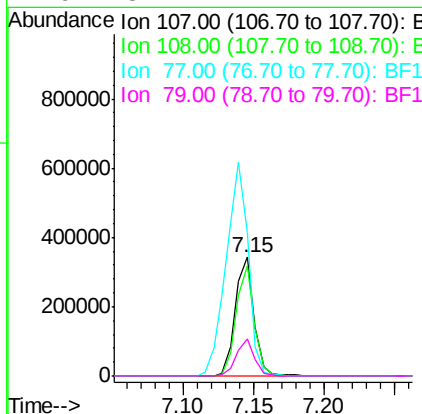
Manual Integrations
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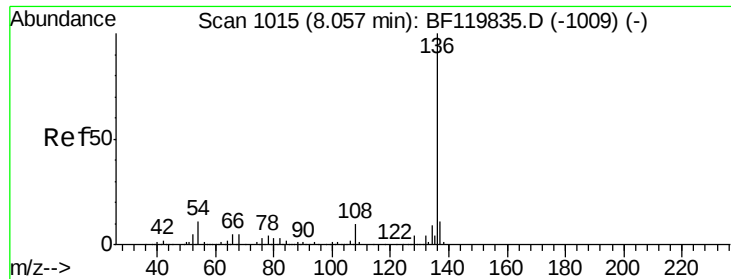
mohammad
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#20
3+4-Methylphenols
Concen: 28.261 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.4	68.2	108.2	
77	120.7	86.6	126.6	
79	31.1	7.7	47.7	





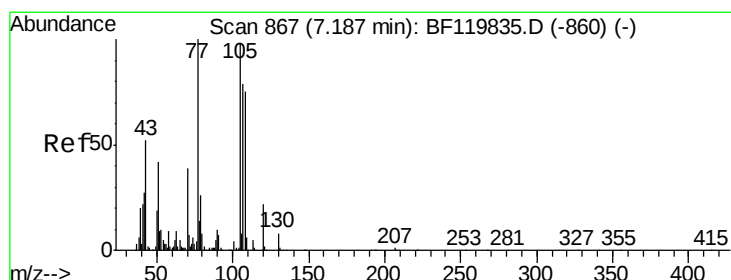
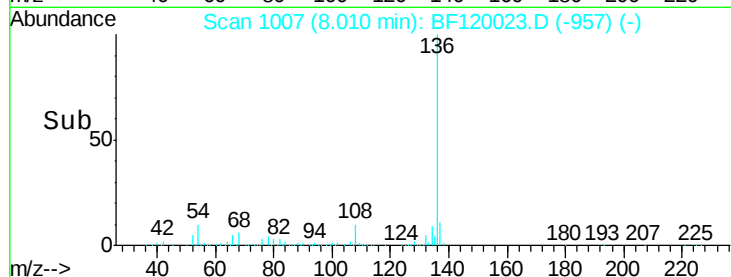
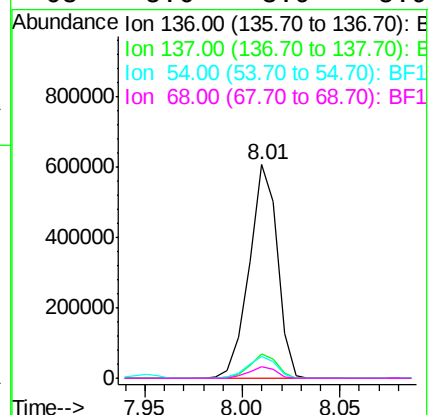
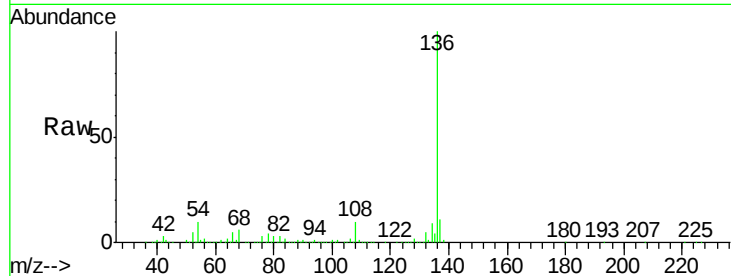
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Instrument :
BNA_F
ClientSampleId :
NCQ-632MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		606160		
137	11.2	8.7	13.1		
54	10.5	8.5	12.7		
68	5.6	3.9	5.9		

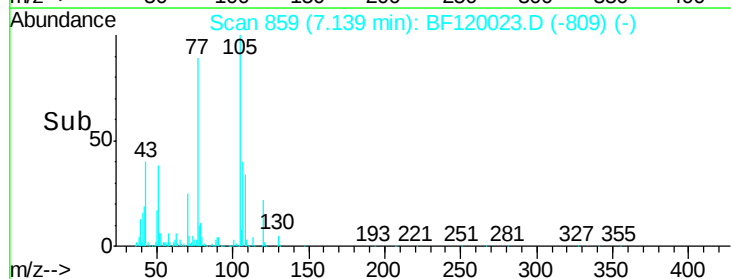
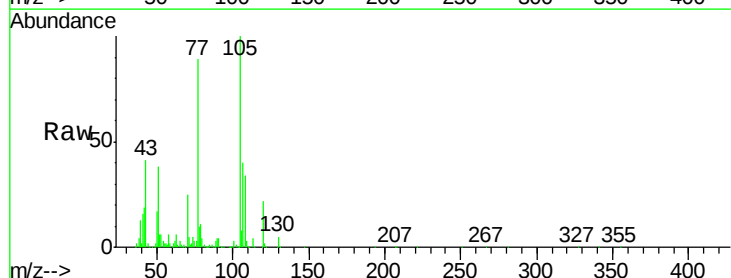
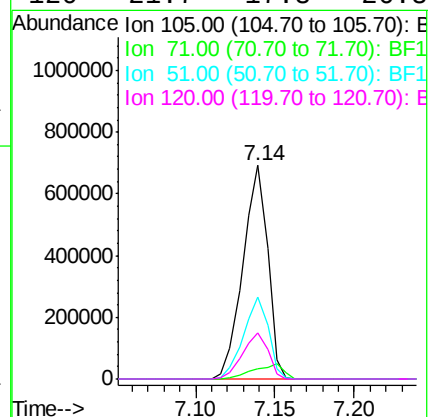
Manual Integrations
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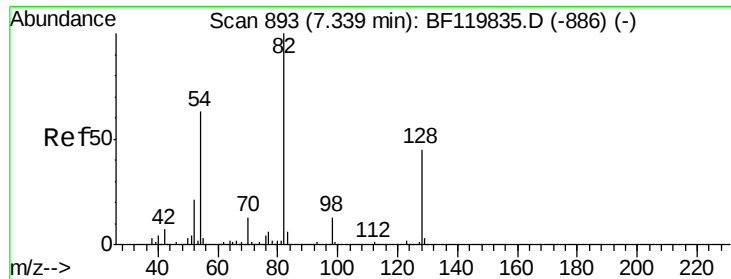
mohammad
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#22
Acetophenone
Concen: 52.605 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		746697		
71	4.6	5.6	8.4#		
51	38.1	33.9	50.9		
120	21.7	17.8	26.8		





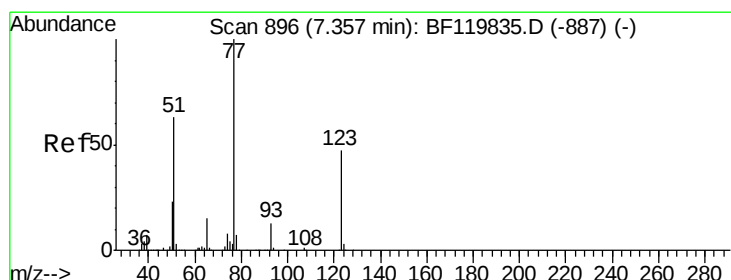
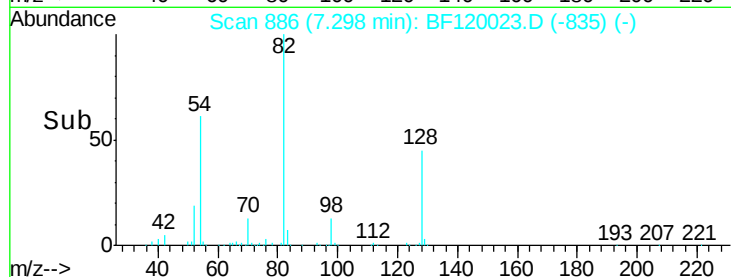
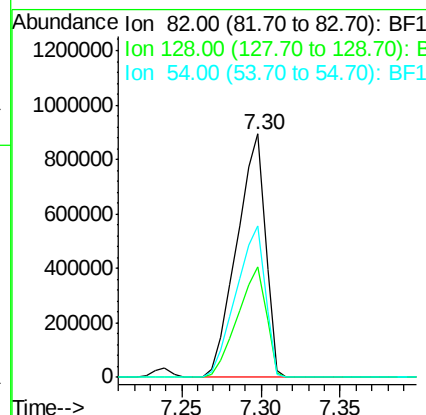
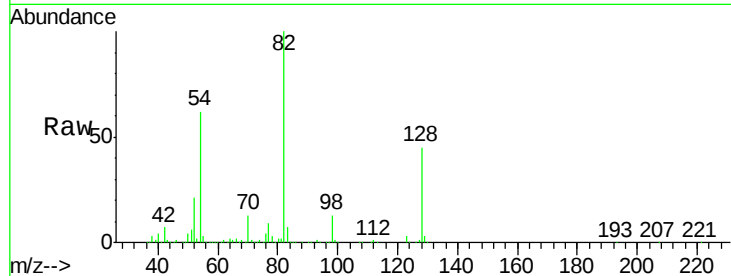
#23
 Nitrobenzene-d5
 Concen: 95.403 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.00 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MSD

Tot Ion: 82 Resp: 1117830
 Ion Ratio Lower Upper
 82 100
 128 45.2 36.2 54.4
 54 62.3 50.4 75.6

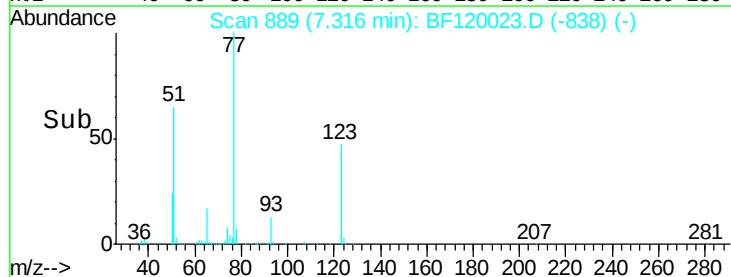
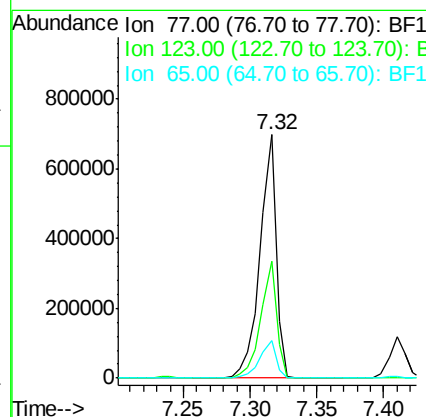
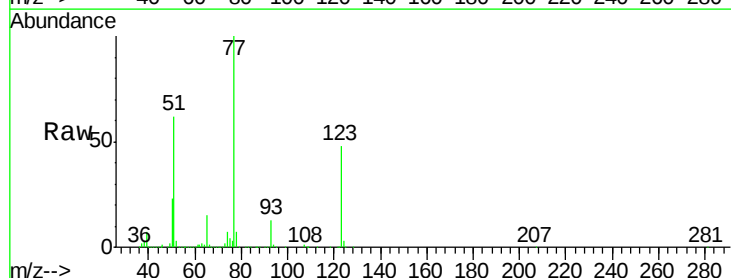
Manual Integrations
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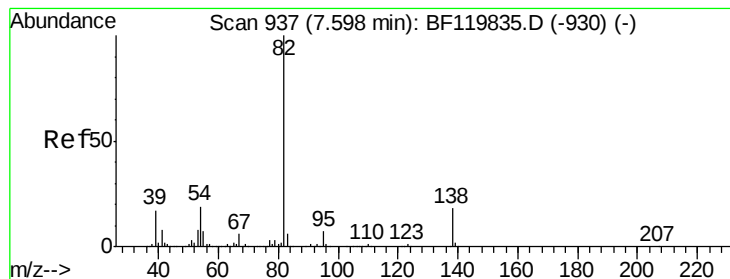
mohammad
 4/16/2020 12:53:13 PM



#24
 Nitrobenzene
 Concen: 49.269 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.00 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Tgt Ion: 77 Resp: 580730
 Ion Ratio Lower Upper
 77 100
 123 47.8 37.8 56.8
 65 15.5 12.2 18.2





#25

Isophorone

Concen: 47.378 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA_F

ClientSampleId :

NCQ-632MSD

Tot Ion: 82 Resp: 1070111

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

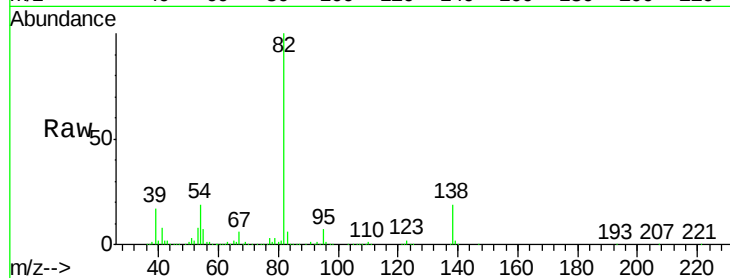
138 19.2 14.5 21.7

Manual Integrations

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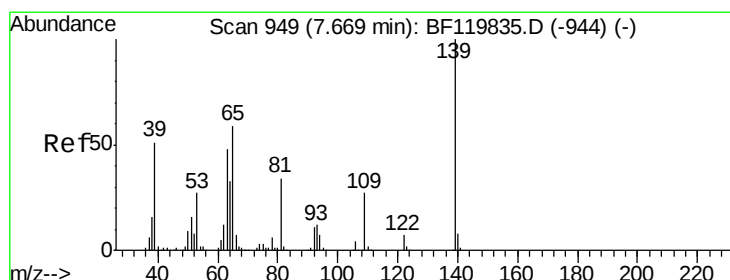
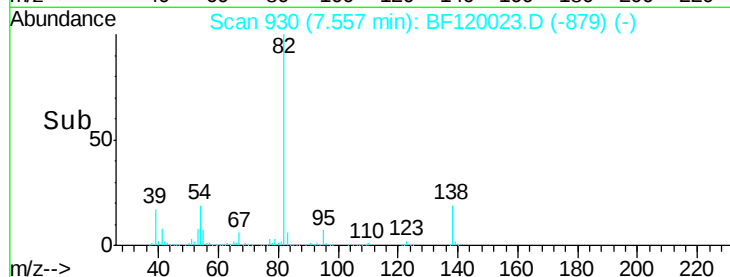
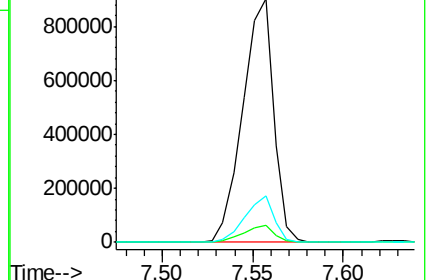
4/16/2020 12:53:13 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 46.474 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

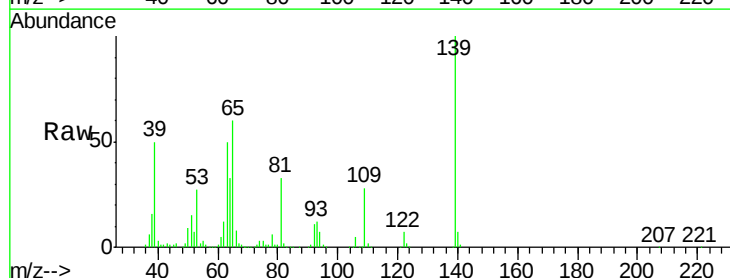
Tgt Ion: 139 Resp: 273671

Ion Ratio Lower Upper

139 100

109 28.4 21.8 32.6

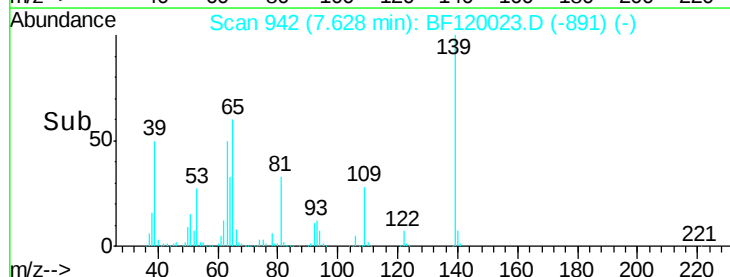
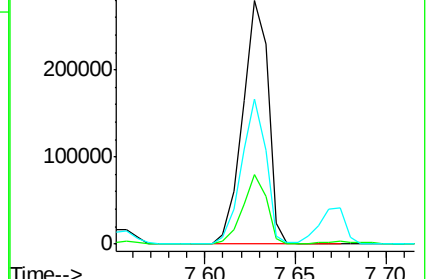
65 59.8 47.0 70.4

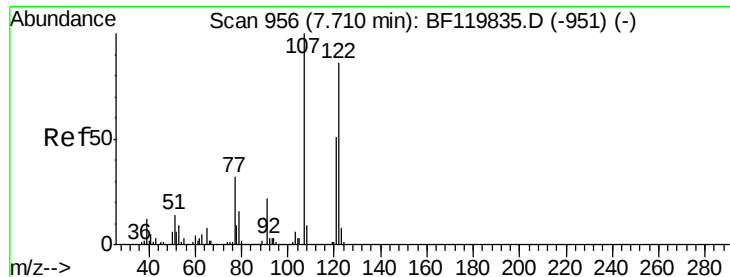


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





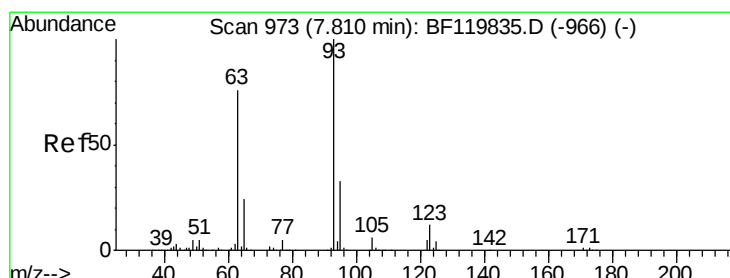
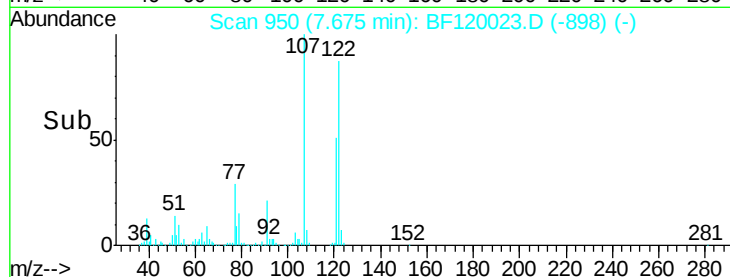
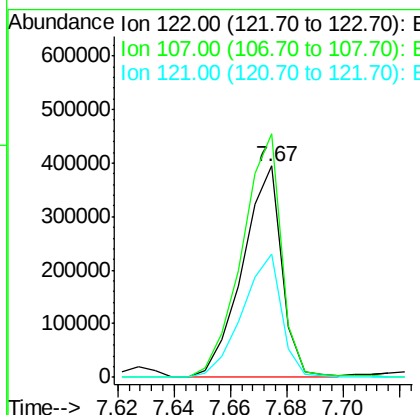
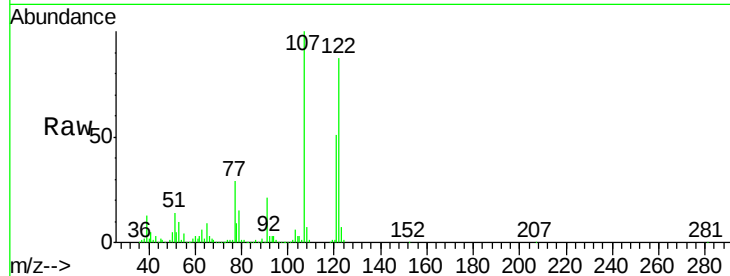
#27
 2,4-Dimethylphenol
 Concen: 42.948 ng
 RT: 7.67 min Scan# 950
 Delta R.T. 0.01 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	115.2	92.3	138.5	
121	58.6	46.6	70.0	

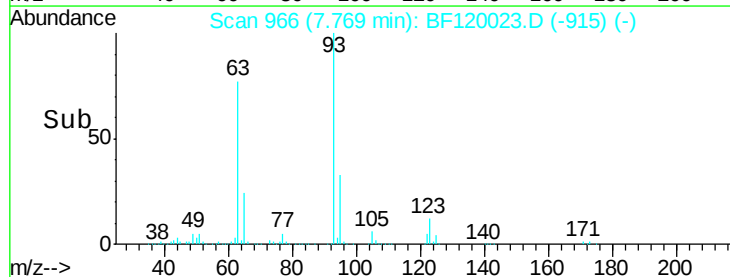
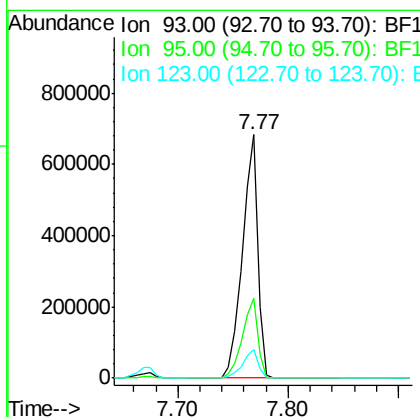
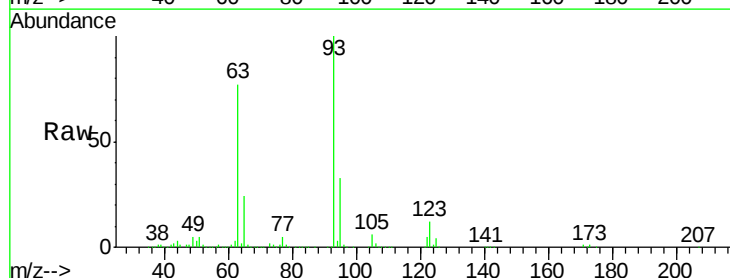
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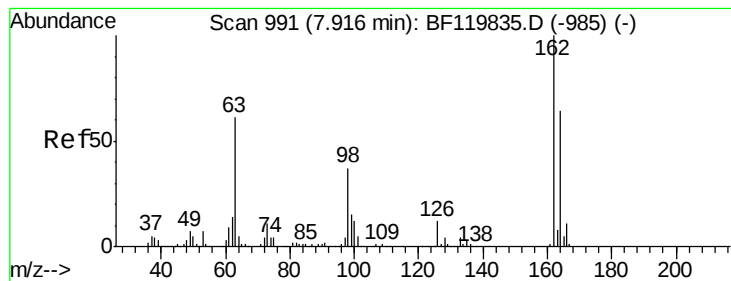
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 50.423 ng
 RT: 7.77 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	33.0	26.4	39.6	
123	11.7	9.7	14.5	





#29

2,4-Dichlorophenol

Concen: 43.680 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA_F

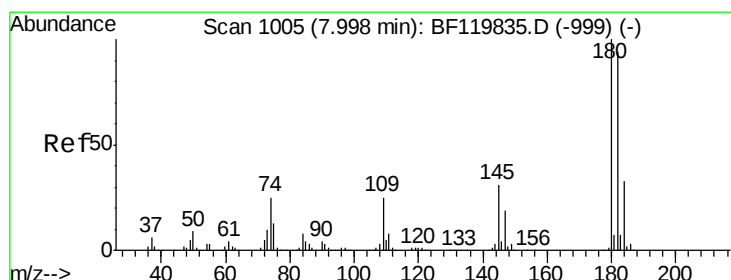
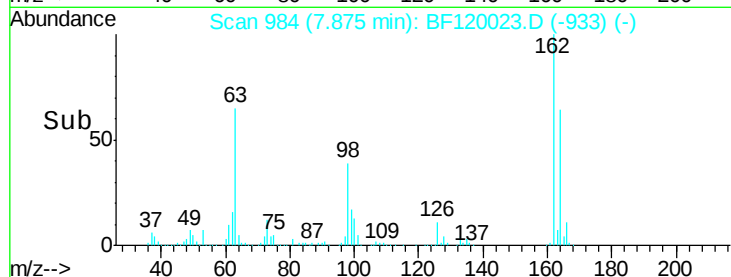
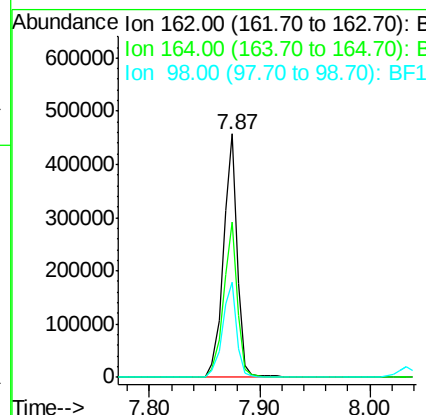
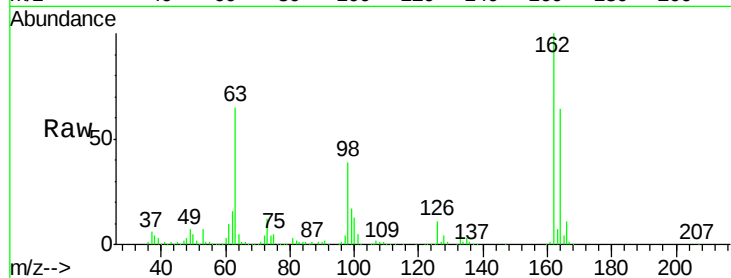
ClientSampleId :

NCQ-632MSD

Tot Ion:	162	Resp:	397646
Ion Ratio	Lower	Upper	
162	100		
164	63.8	44.4	84.4
98	38.8	17.3	57.3

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#30

1,2,4-Trichlorobenzene

Concen: 36.015 ng

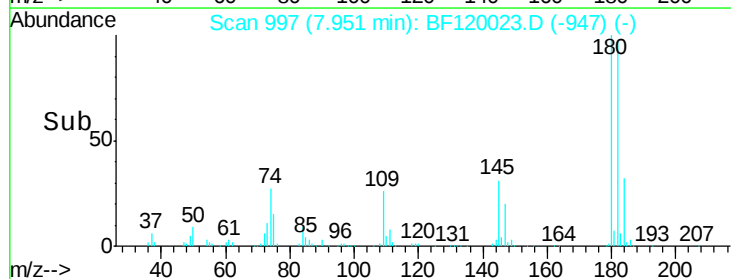
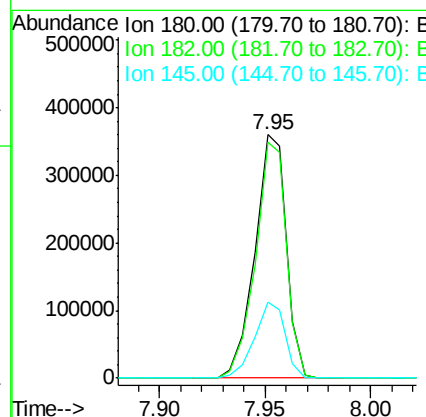
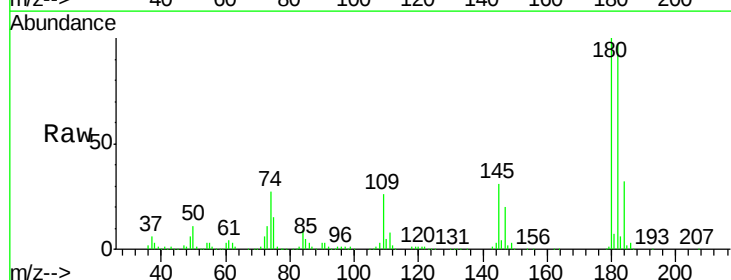
RT: 7.95 min Scan# 997

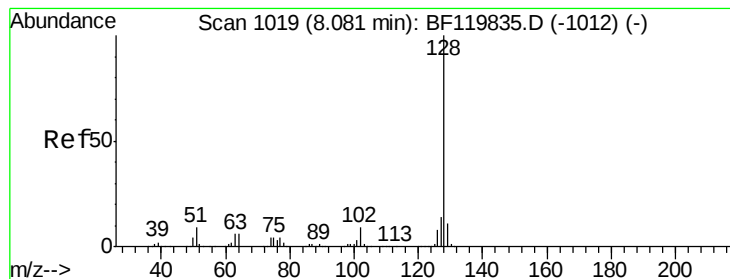
Delta R.T. -0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Tgt Ion:	180	Resp:	371496
Ion Ratio	Lower	Upper	
180	100		
182	96.8	75.4	113.0
145	31.3	24.6	37.0





#31

Naphthalene

Concen: 42.371 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA_F

ClientSampleId :

NCQ-632MSD

Tot Ion:128 Resp: 1351280

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

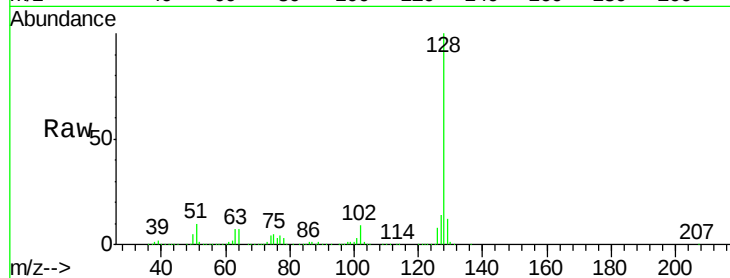
127 13.9 11.0 16.4

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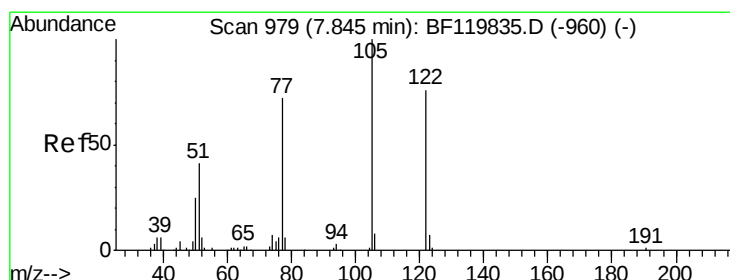
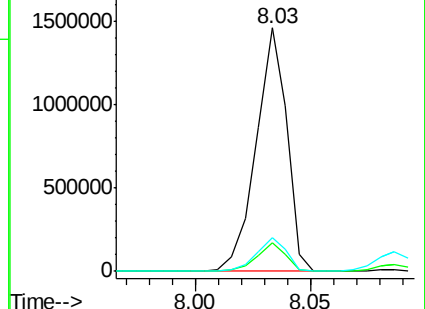
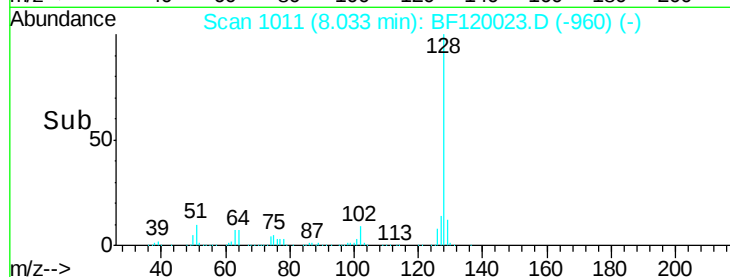
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Abundance Ion 128.00 (127.70 to 128.70): E

2000000 Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 14.223 ng m

RT: 7.77 min Scan# 967

Delta R.T. -0.04 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

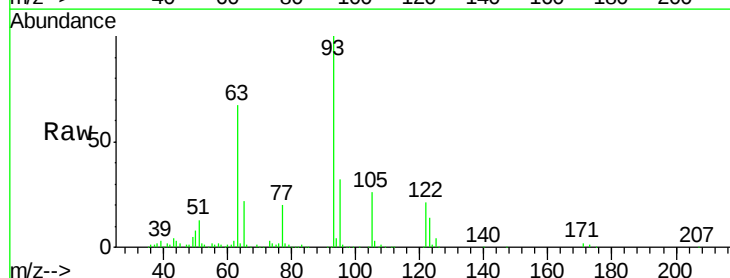
Tgt Ion:122 Resp: 110939

Ion Ratio Lower Upper

122 100

105 124.2 106.7 146.7

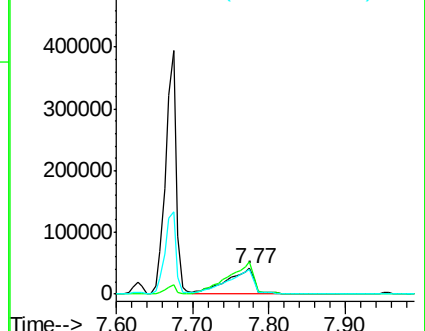
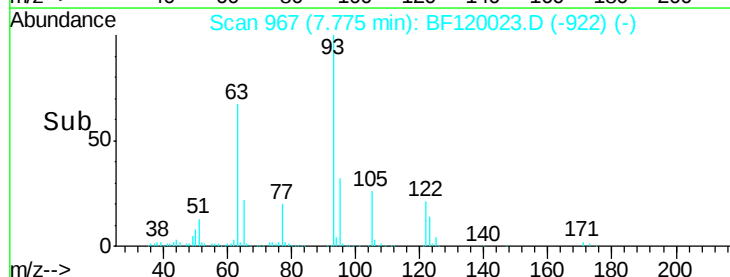
77 96.3 72.1 112.1

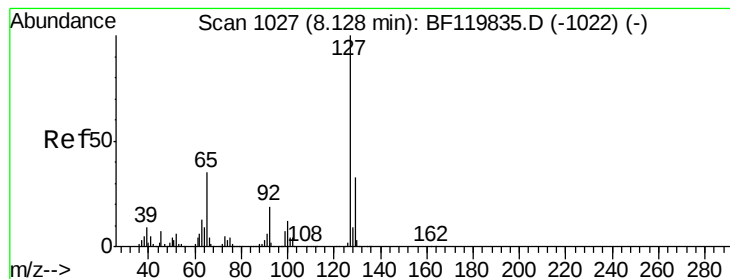


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 10.875 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA_F

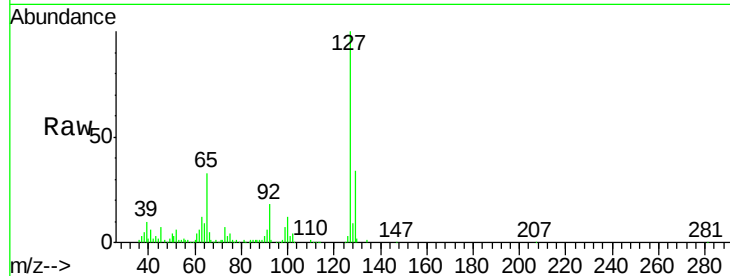
ClientSampleId :

NCQ-632MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		150989		
129	34.1	26.2	39.2		
65	33.0	28.3	42.5		
92	18.1	15.4	23.2		

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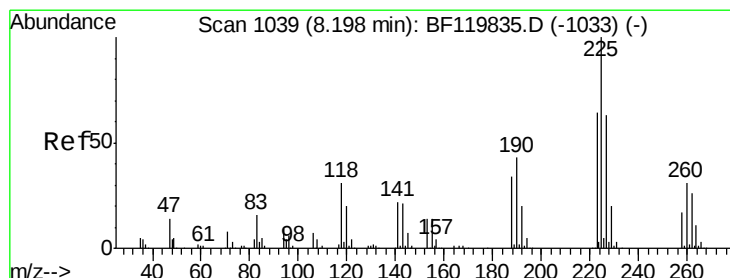
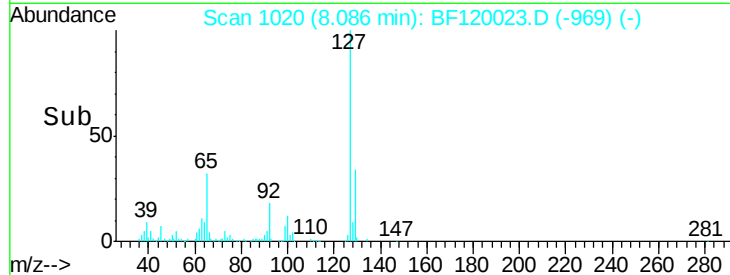
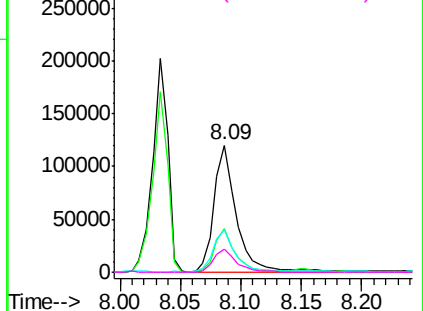


Abundance Ion 127.00 (126.70 to 127.70): E

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: 29.573 ng

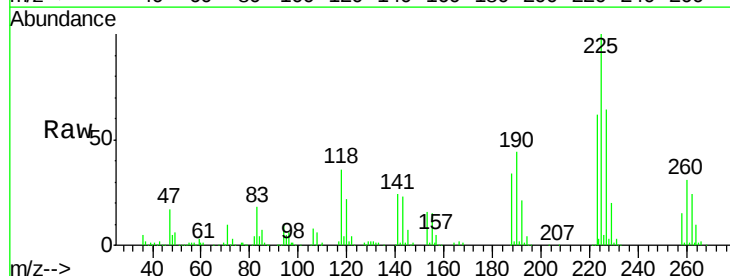
RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

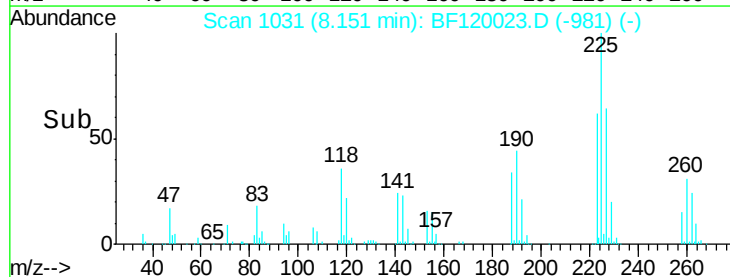
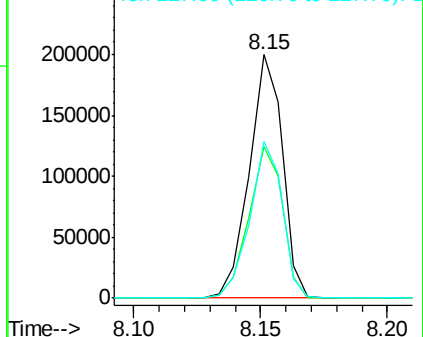
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		182605		
223	62.5	51.0	76.6		
227	64.3	50.4	75.6		

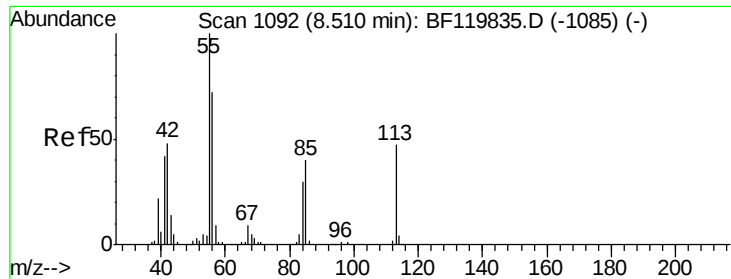


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





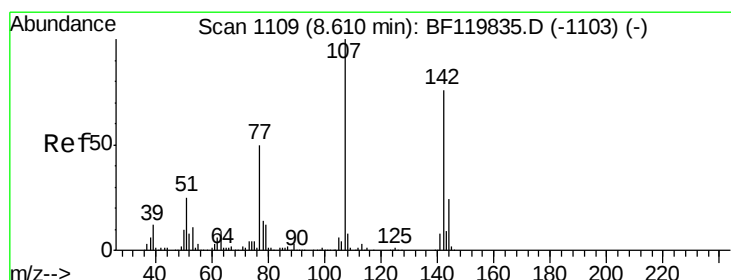
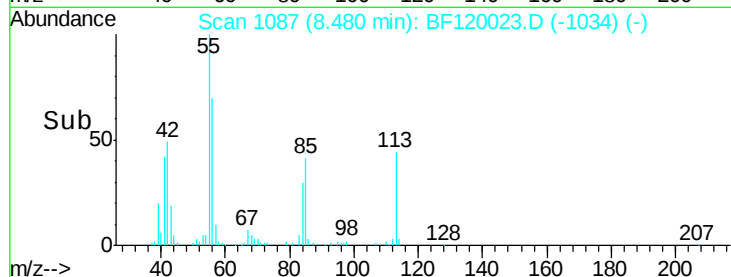
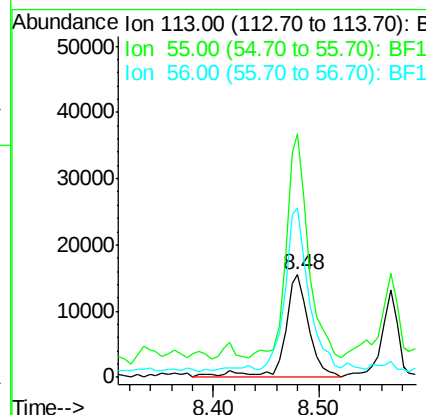
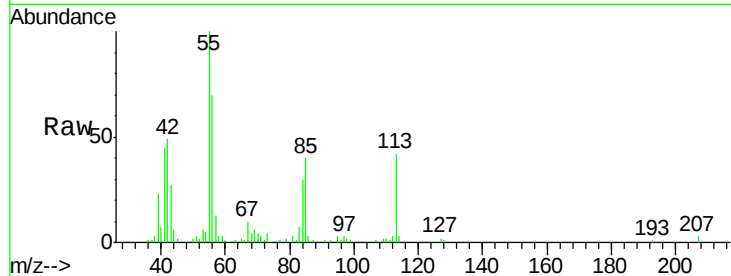
#35
 Caprolactam
 Concen: 8.948 ng/ml
 RT: 8.48 min Scan# 1087
 Delta R.T. 0.01 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Instrument :
 BNA_F
 ClientSampleID :
 NCQ-632MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	238.0	192.7	232.7#
56	166.0	133.3	173.3

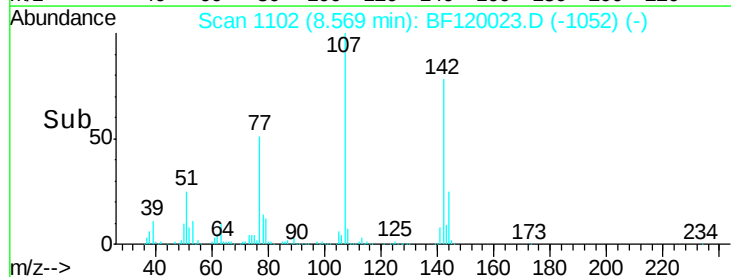
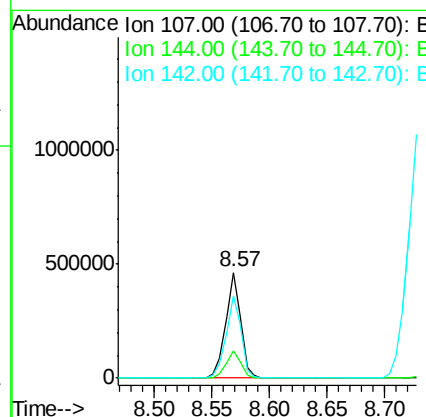
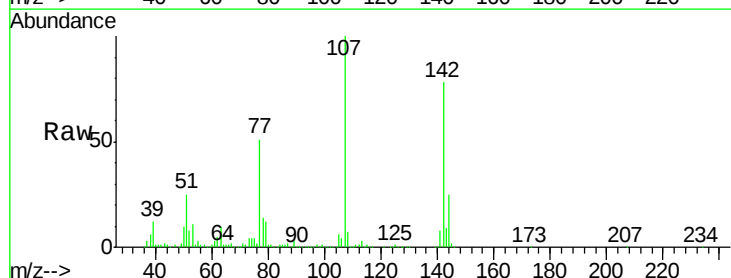
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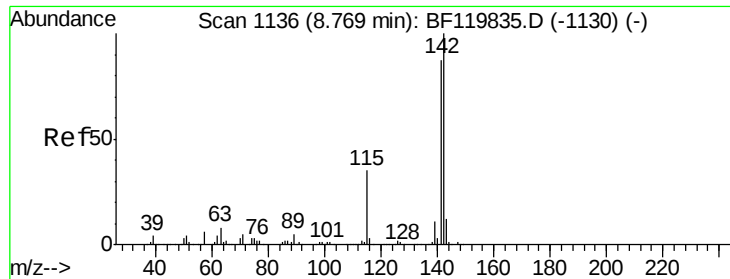
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#36
 4-Chloro-3-methylphenol
 Concen: 42.908 ng/ml
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.4	19.5	29.3
142	77.9	60.5	90.7





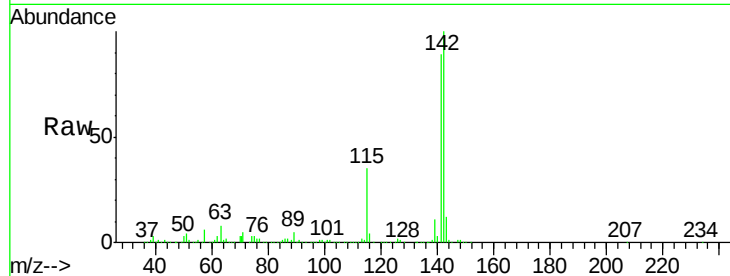
#37
2-Methylnaphthalene
Concen: 46.102 ng
RT: 8.73 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Instrument :
BNA_F
ClientSampleId :
NCQ-632MSD

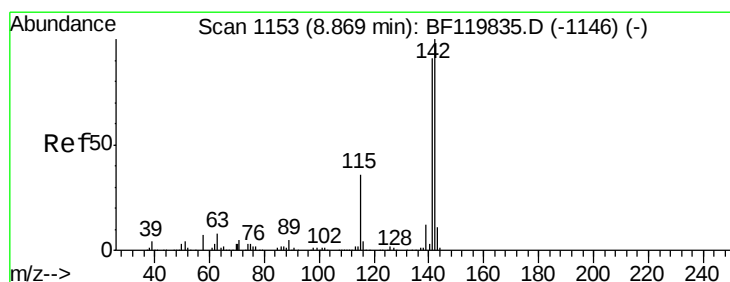
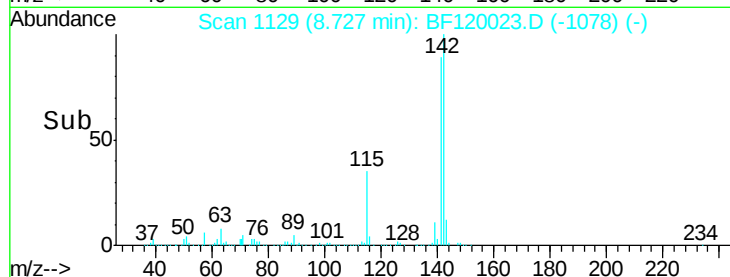
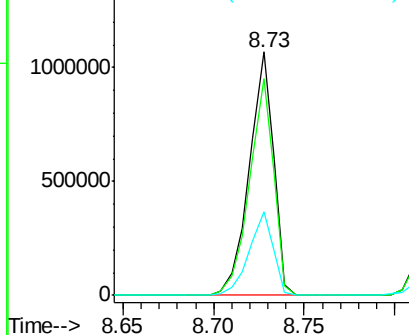
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.9	104.9
115	34.6	28.0	42.0

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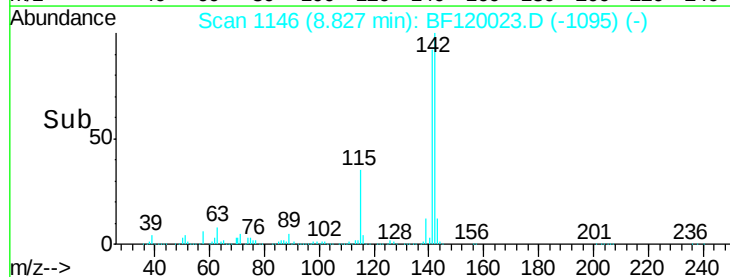
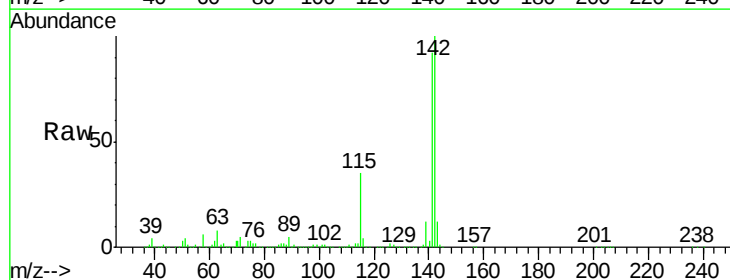
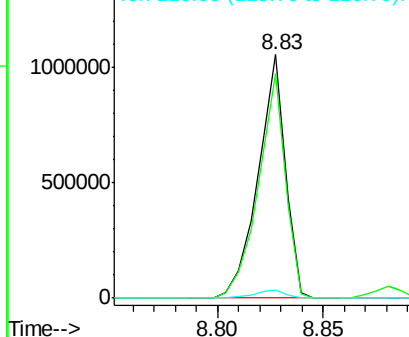
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

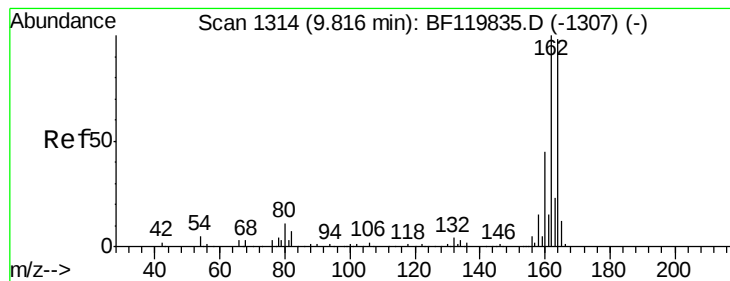


#38
1-Methylnaphthalene
Concen: 46.635 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	72.9	109.3
116	3.5	3.0	4.6

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA_F

ClientSampleId :

NCQ-632MSD

Tot Ion:164 Resp: 318148

Ion Ratio Lower Upper

164 100

162 102.3 81.9 122.9

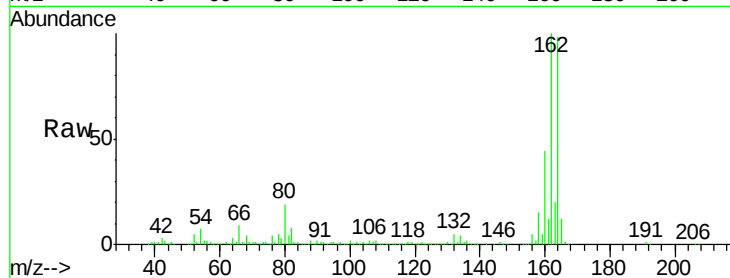
160 45.0 36.6 54.8

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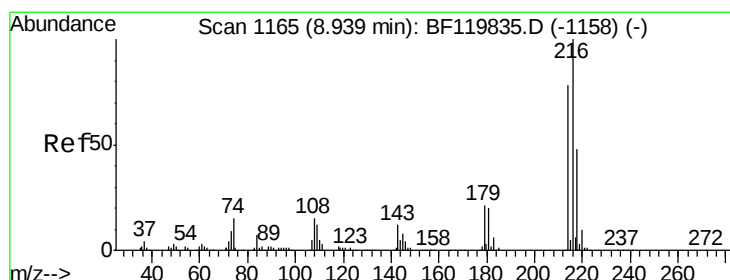
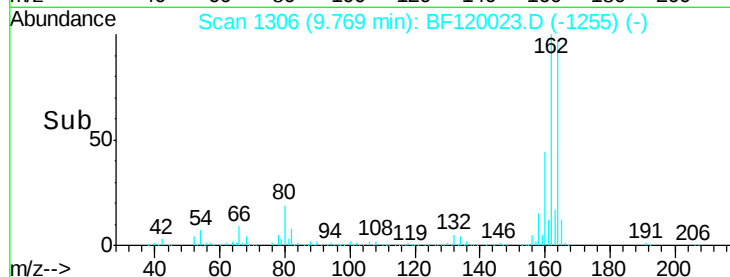
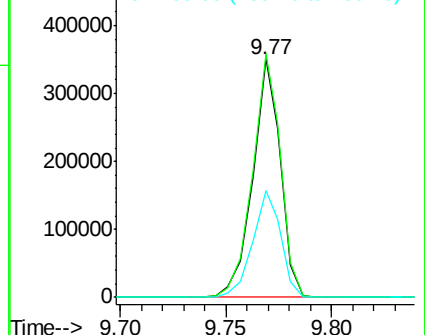
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.535 ng

RT: 8.90 min Scan# 1158

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Tgt Ion:216 Resp: 447511

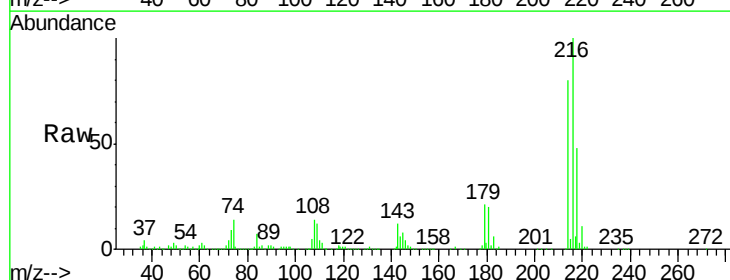
Ion Ratio Lower Upper

216 100

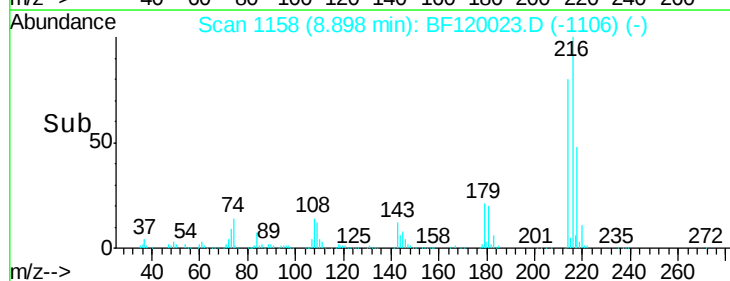
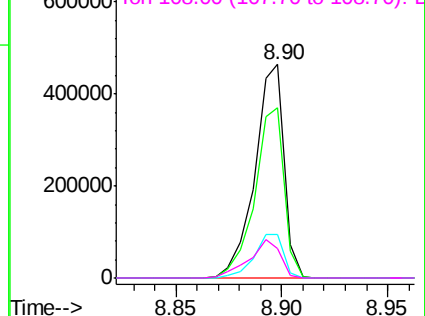
214 79.8 63.1 94.7

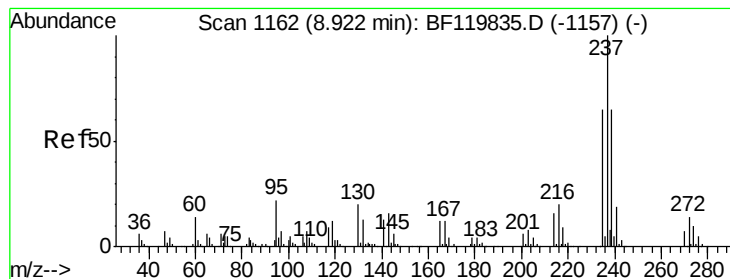
179 21.3 17.0 25.4

108 19.5 14.8 22.2



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: 69.171 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA_F

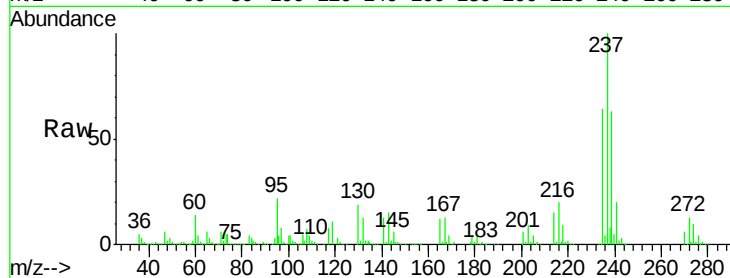
ClientSampleId :

NCQ-632MSD

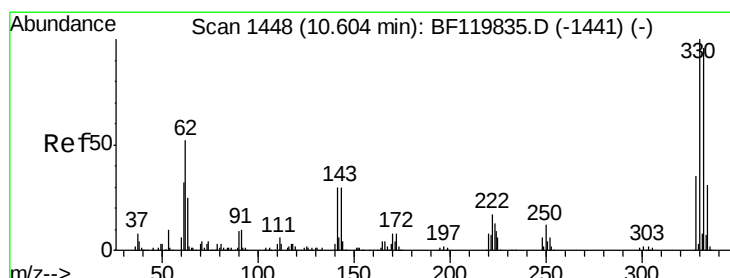
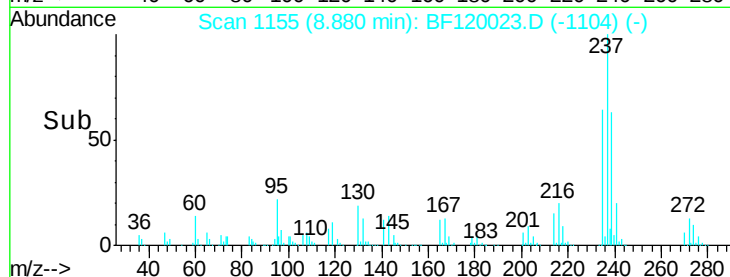
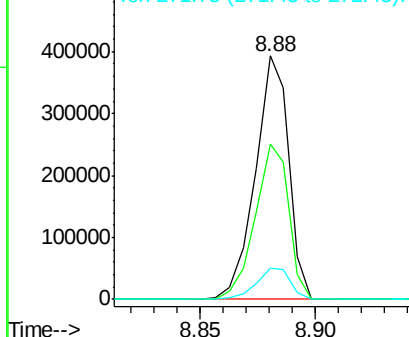
Tot Ion:	237	Resp:	395240
Ion Ratio	Lower	Upper	
237	100		
235	63.5	44.9	84.9
272	12.8	0.0	33.6

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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: 79.965 ng

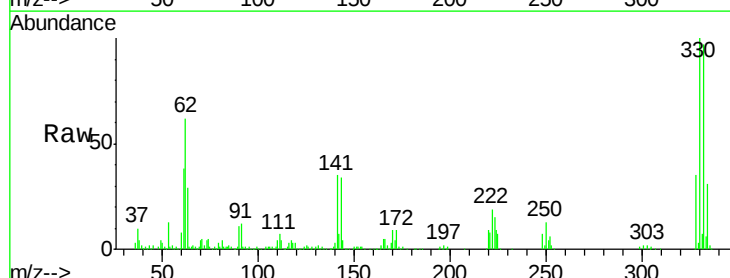
RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

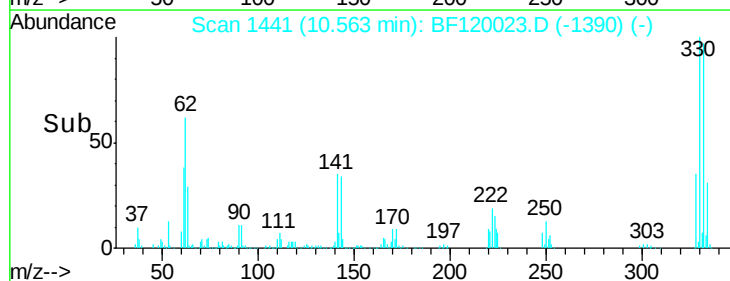
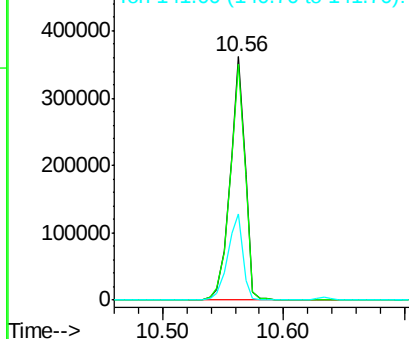
Lab File: BF120023.D

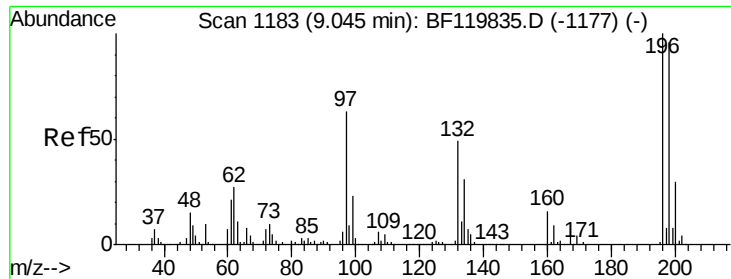
Acq: 16 Apr 2020 5:34

Tgt Ion:	330	Resp:	311482
Ion Ratio	Lower	Upper	
330	100		
332	97.8	76.8	115.2
141	35.7	25.1	37.7



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





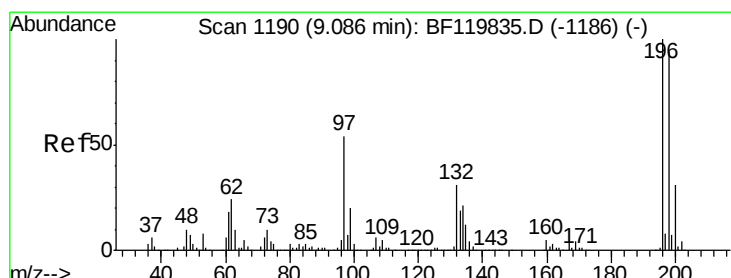
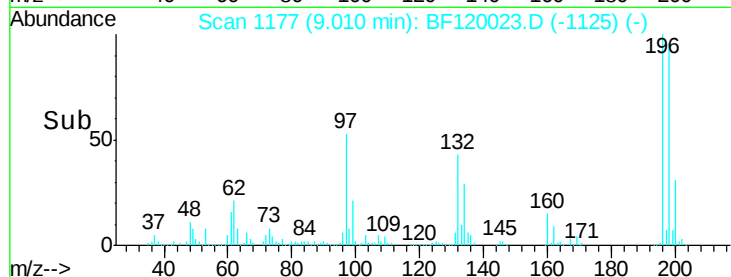
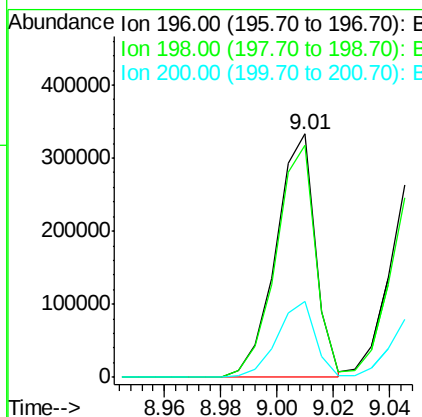
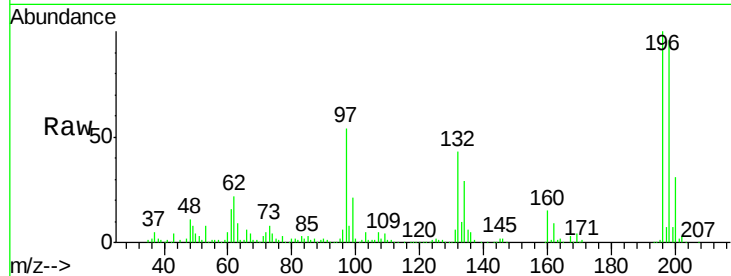
#43
 2,4,6-Trichlorophenol
 Concen: 46.352 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.01 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	321630		
198	95.5	76.6	115.0	
200	31.0	24.2	36.2	

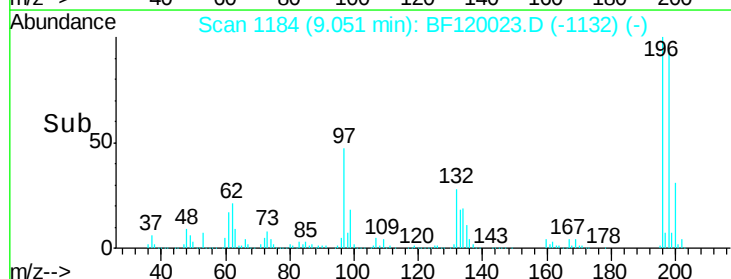
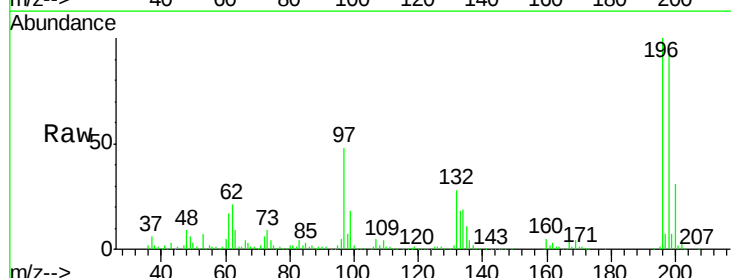
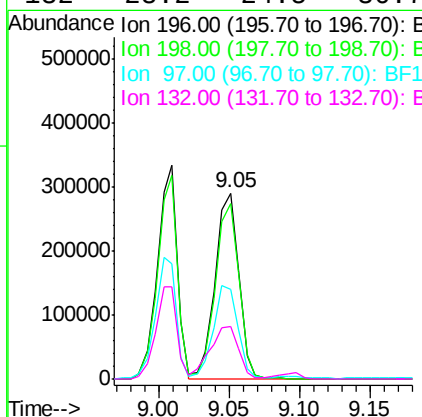
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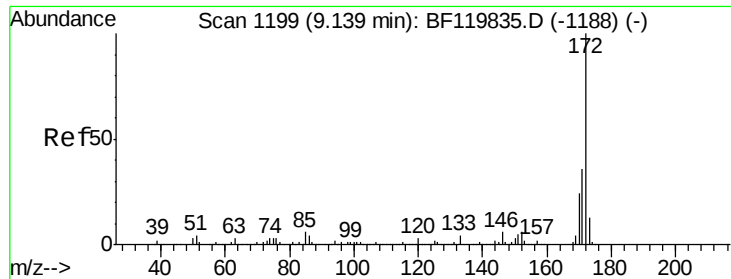
mohammad
 4/16/2020 12:53:13 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.443 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. 0.01 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	339519		
198	94.2	75.1	112.7	
97	47.8	43.4	65.2	
132	28.2	24.5	36.7	





#45

2-Fluorobiphenyl

Concen: 97.509 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA_F

ClientSampleId :

NCQ-632MSD

Tot Ion:172 Resp: 2185003

Ion Ratio Lower Upper

172 100

171 36.0 28.9 43.3

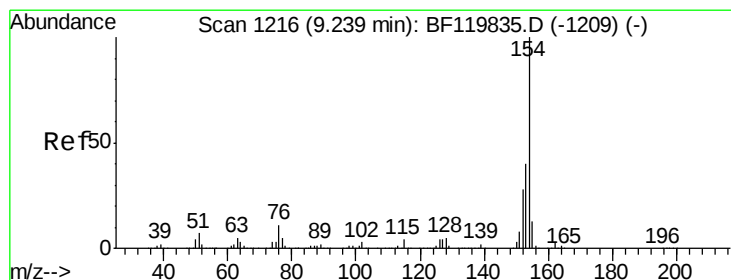
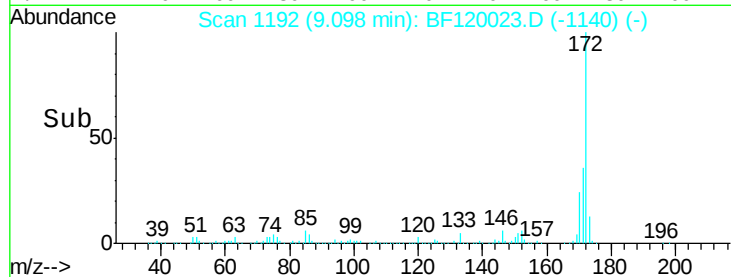
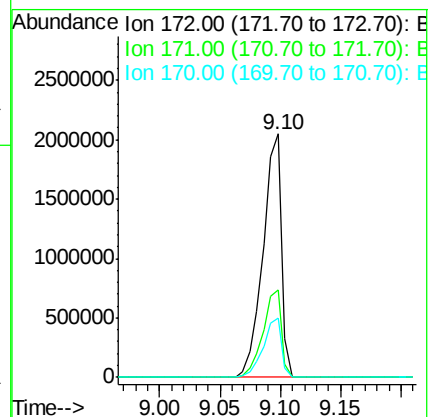
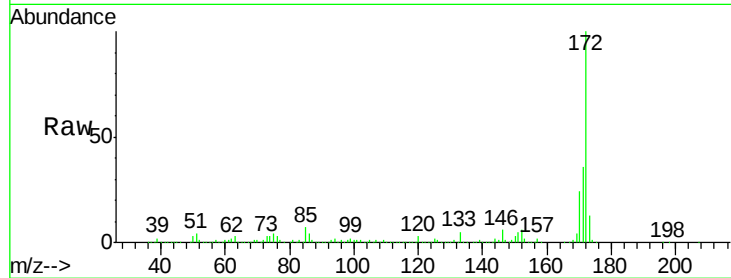
170 24.3 19.4 29.2

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#46

1,1'-Biphenyl

Concen: 47.767 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

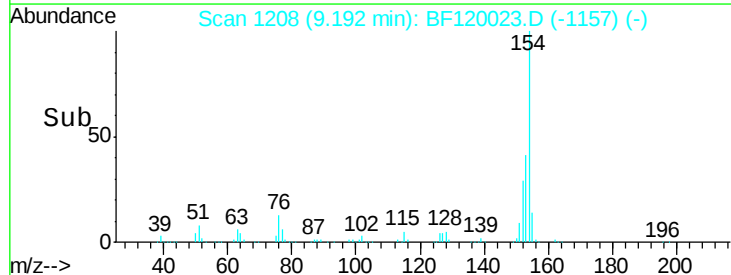
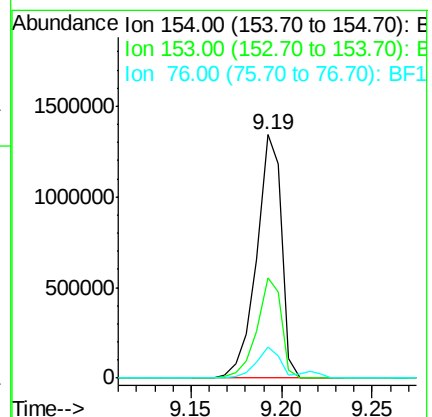
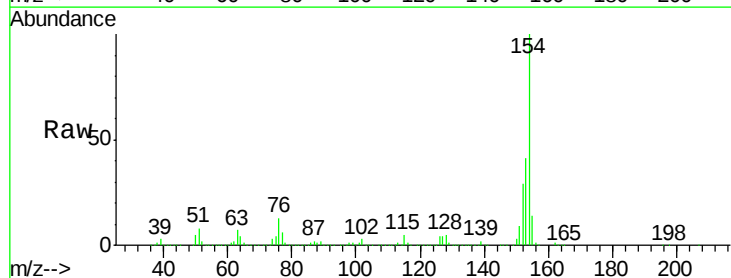
Tgt Ion:154 Resp: 1282700

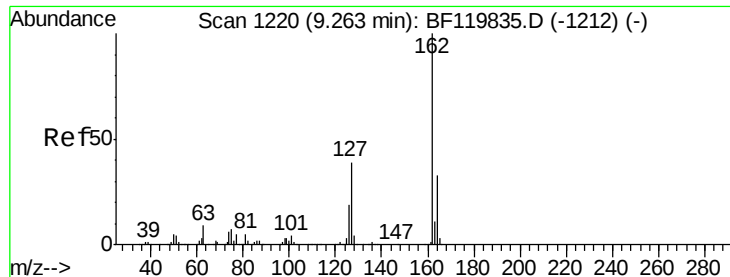
Ion Ratio Lower Upper

154 100

153 41.3 20.5 60.5

76 12.8 0.0 30.6





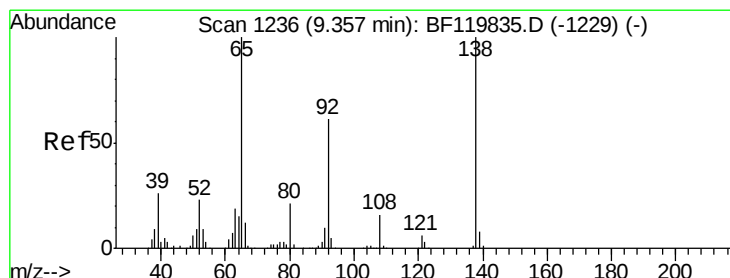
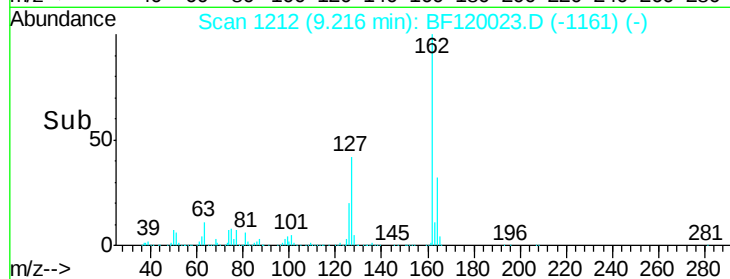
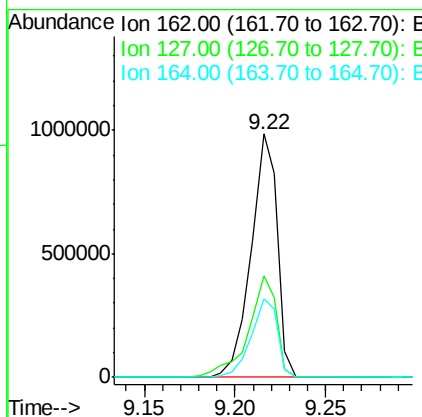
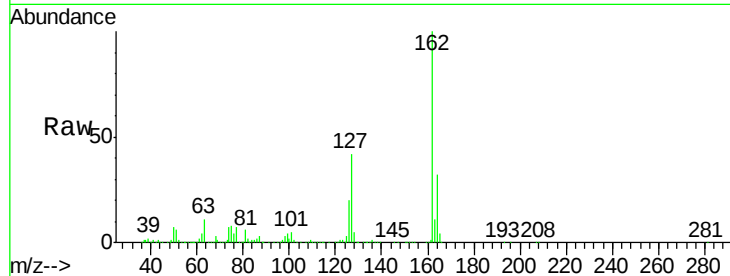
#47
 2-Chloronaphthalene
 Concen: 47.693 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MSD

Tot Ion:	162	Resp:	986597
Ion Ratio		Lower	Upper
162	100		
127	41.7	31.2	46.8
164	32.1	26.3	39.5

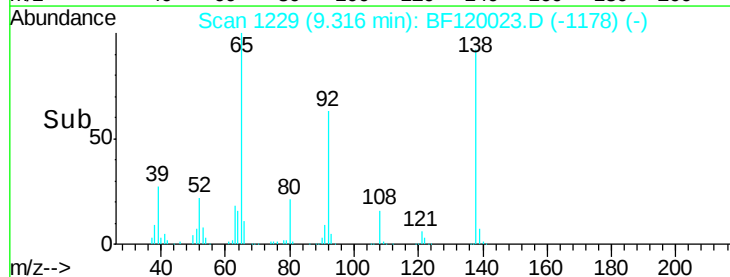
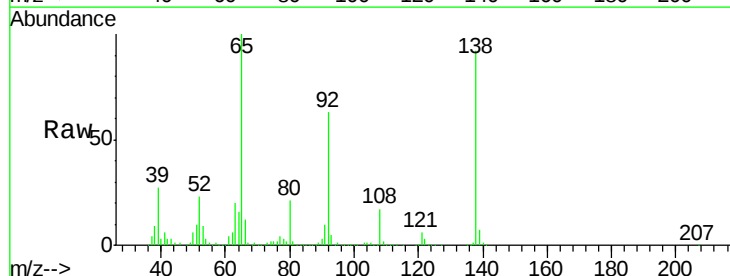
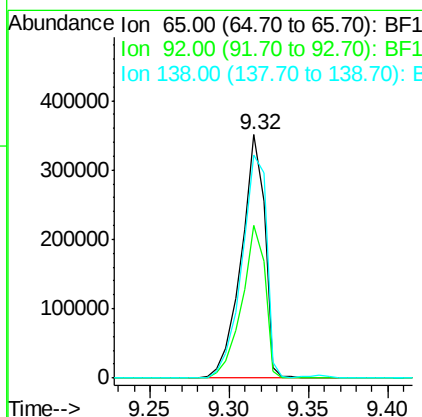
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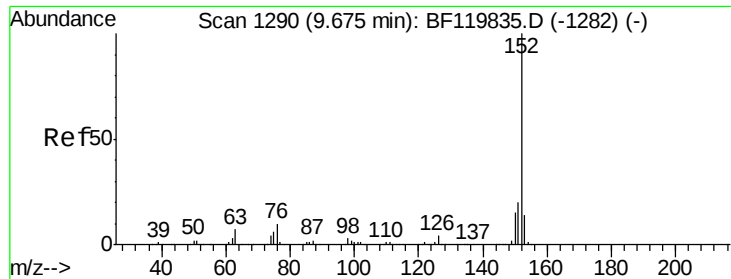
mohammad
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#48
 2-Nitroaniline
 Concen: 47.649 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Tgt Ion:	65	Resp:	357205
Ion Ratio		Lower	Upper
65	100		
92	62.6	49.0	73.6
138	91.8	79.7	119.5





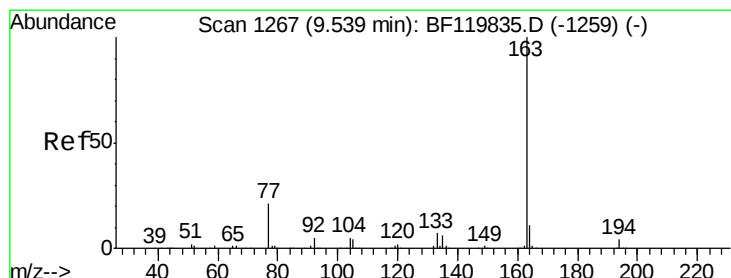
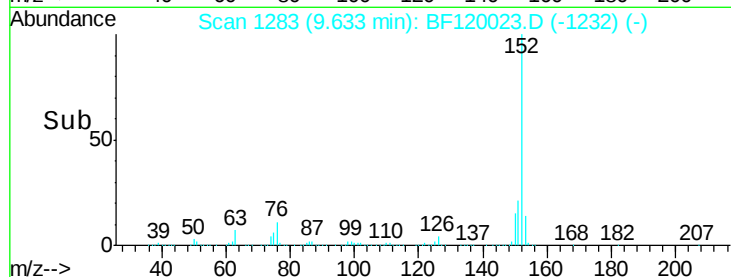
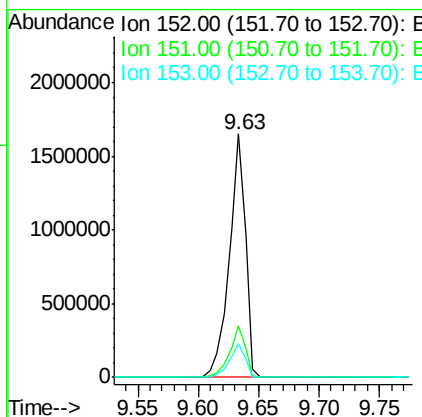
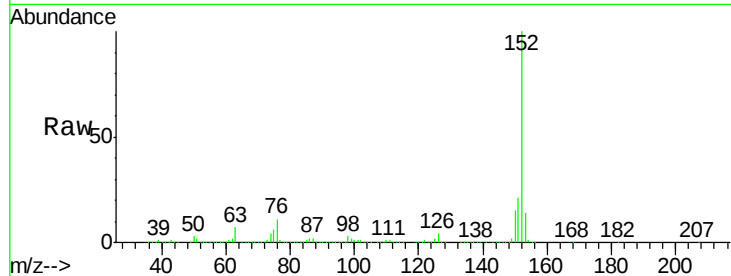
#49
Acenaphthylene
Concen: 48.542 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Instrument :
BNA_F
ClientSampleId :
NCQ-632MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.4
153	13.9	10.9	16.3

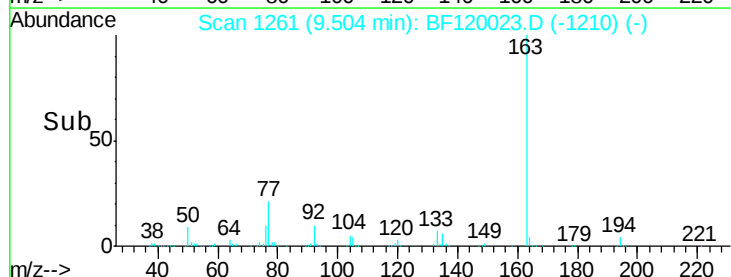
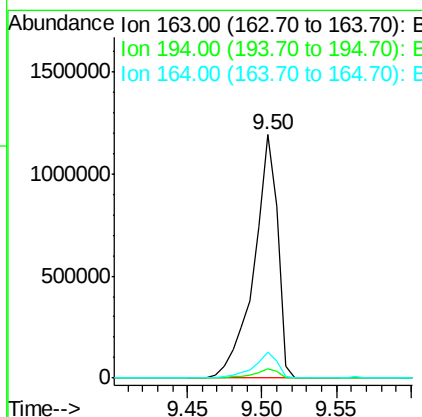
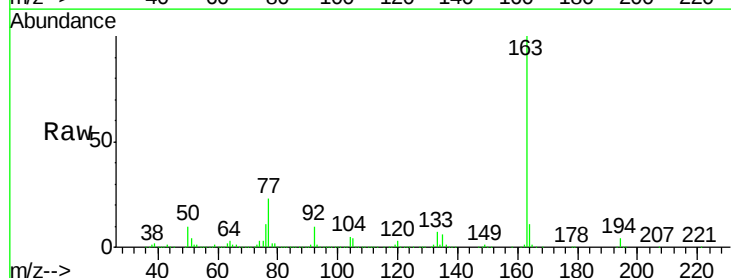
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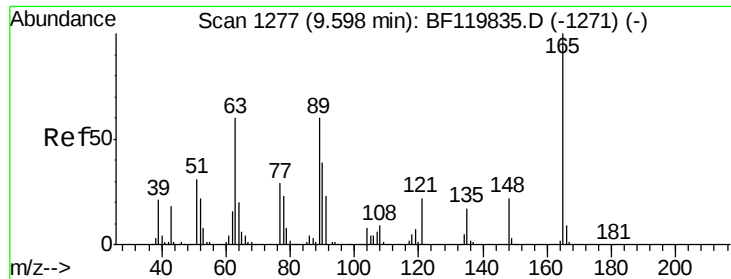
mohammad
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#50
Dimethylphthalate
Concen: 52.767 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	10.5	8.4	12.6





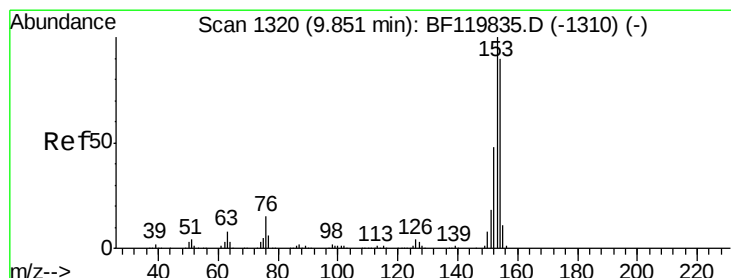
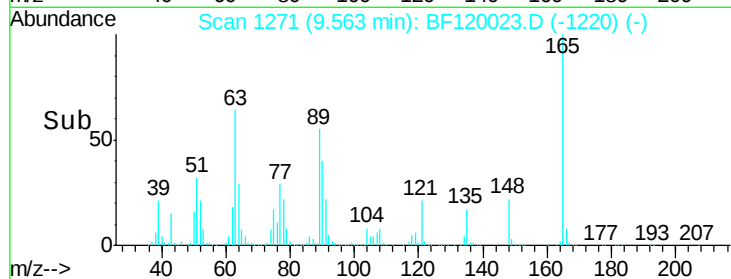
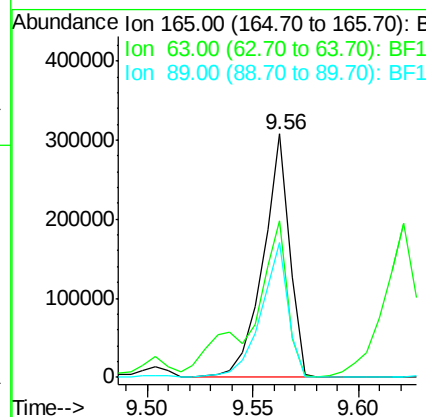
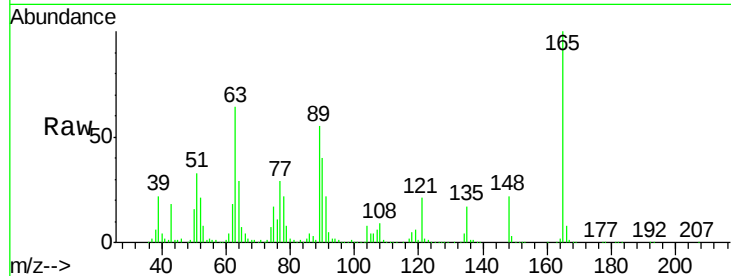
#51
2,6-Dinitrotoluene
Concen: 49.769 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Instrument :
BNA_F
ClientSampleId :
NCQ-632MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	268193		
63	64.4	55.6	83.4	
89	55.2	47.9	71.9	

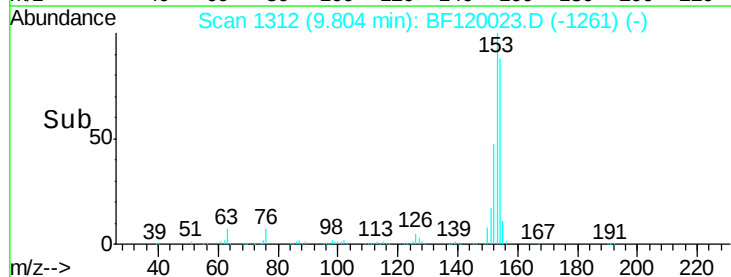
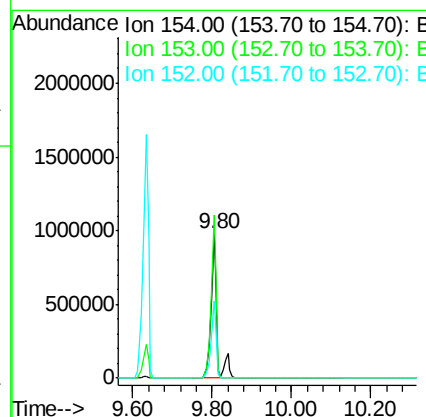
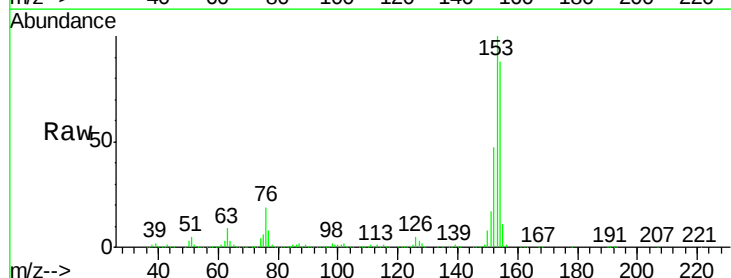
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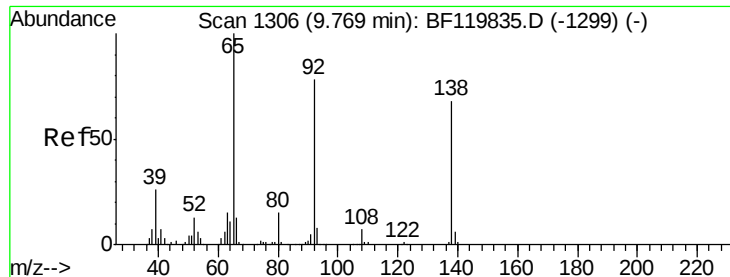
mohammad
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#52
Acenaphthene
Concen: 51.708 ng m
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1085144		
153	113.4	88.8	133.2	
152	53.8	42.4	63.6	





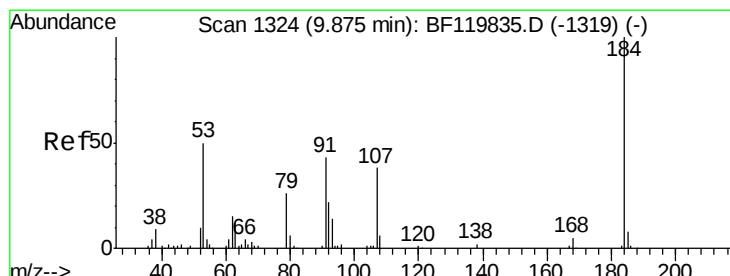
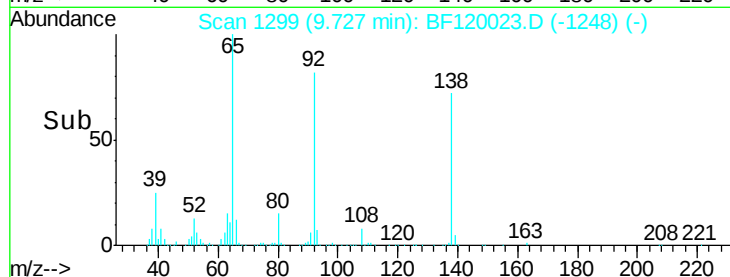
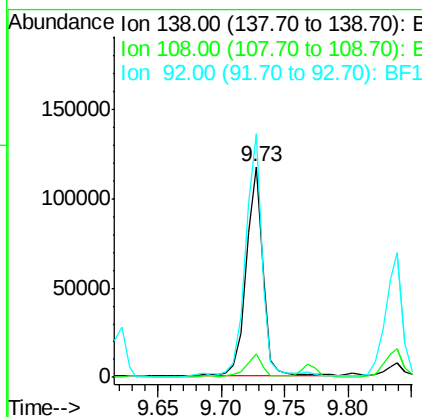
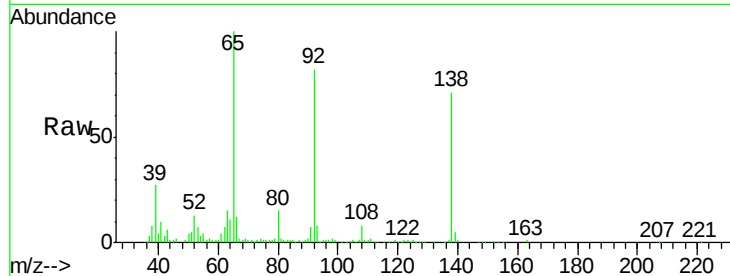
#53
 3-Nitroaniline
 Concen: 17.311 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.00 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.0	12.0
92	115.4	92.1	138.1

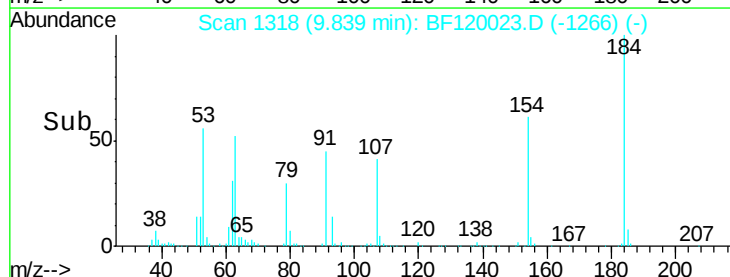
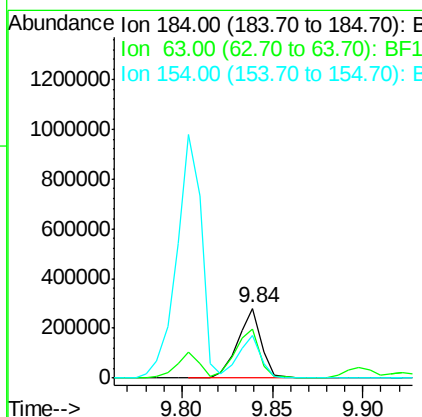
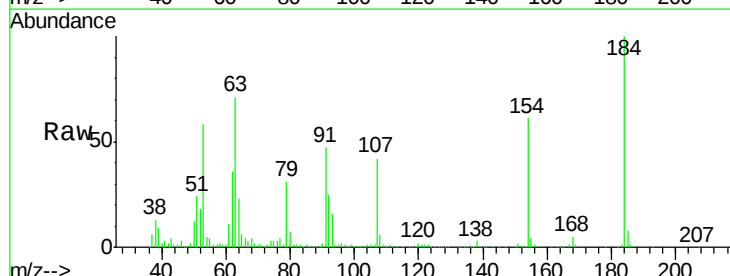
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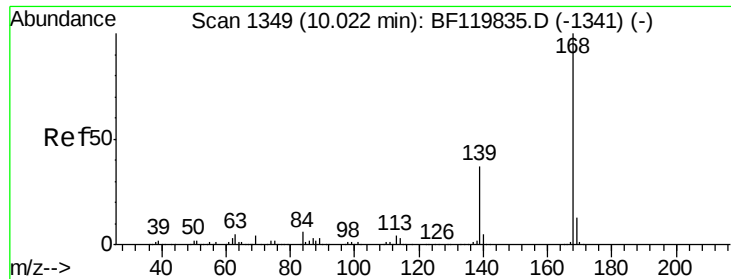
mohammad
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#54
 2,4-Dinitrophenol
 Concen: 79.439 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.9	49.8	74.6
154	61.0	46.5	69.7





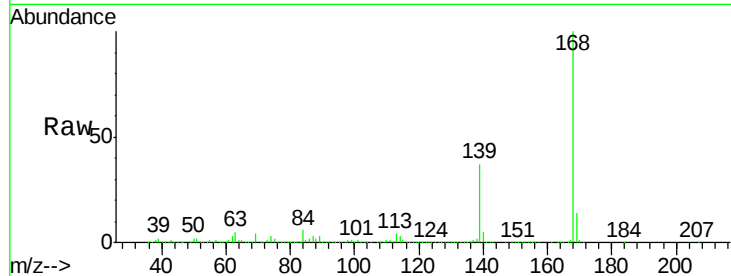
#55
Dibenzofuran
Concen: 48.468 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Instrument :
BNA_F
ClientSampleId :
NCQ-632MSD

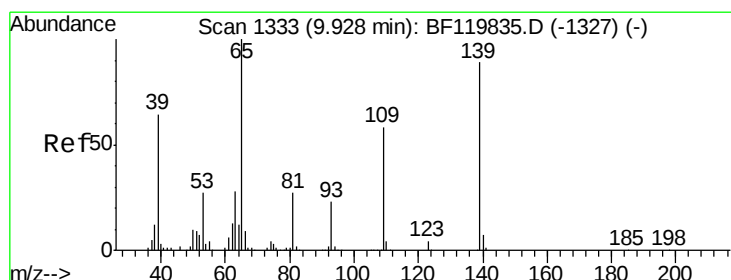
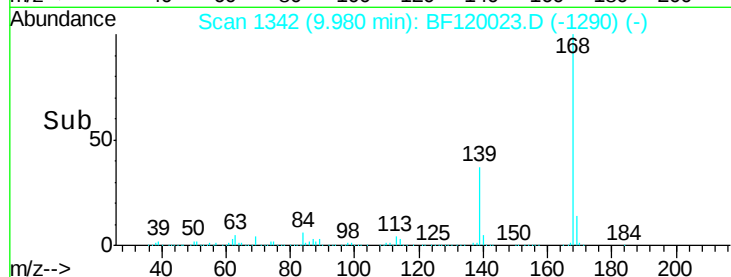
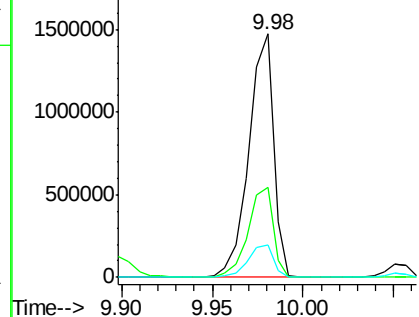
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.2	29.8	44.6
169	13.6	10.6	15.8

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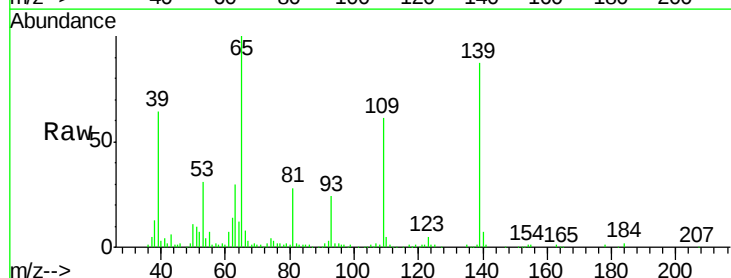


Abundance Ion 168.00 (167.70 to 168.70): E
2000000
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

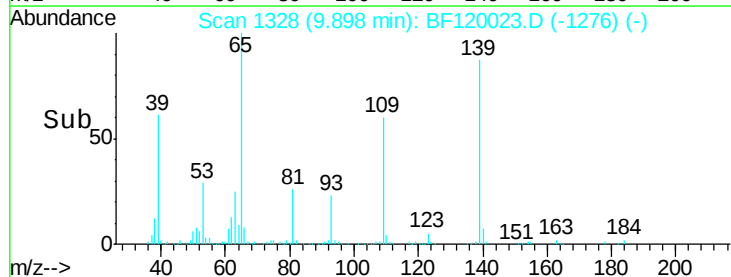
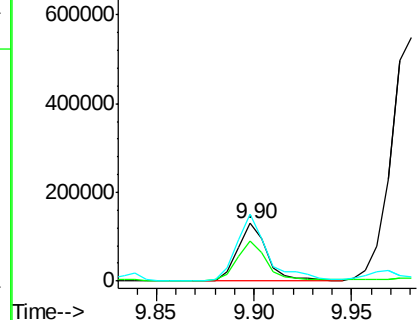


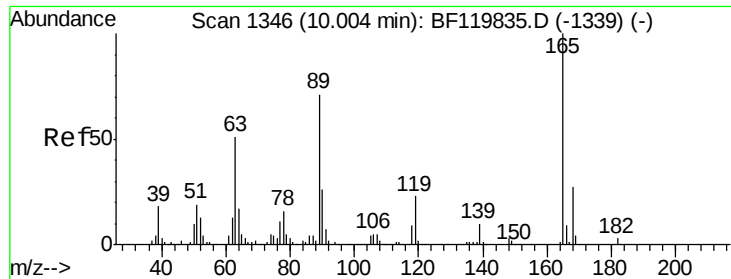
#56
4-Nitrophenol
Concen: 29.651 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.1	45.5	85.5
65	115.5	92.3	132.3



Abundance Ion 139.00 (138.70 to 139.70): E
600000
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





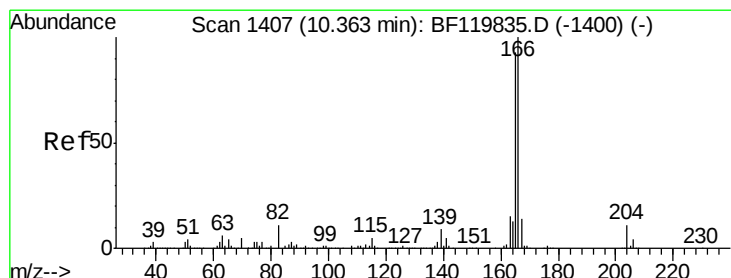
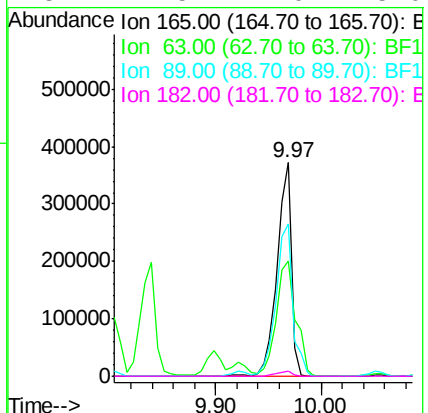
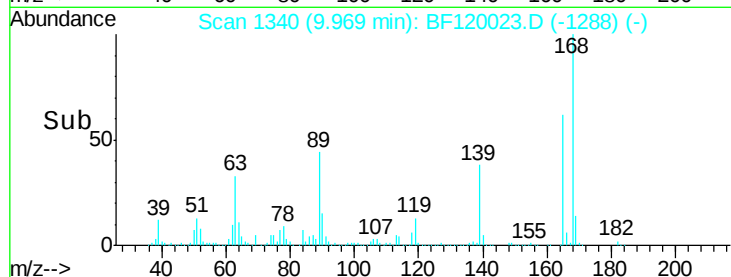
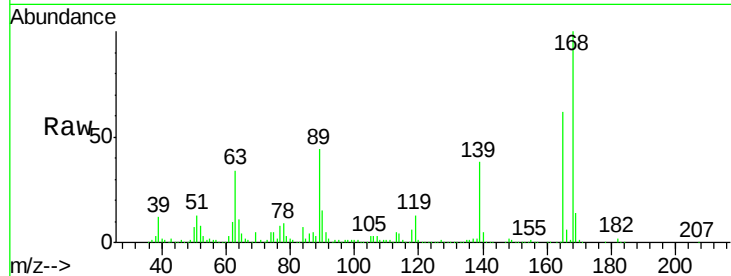
#57
 2,4-Dinitrotoluene
 Concen: 48.515 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	344446		
63	54.1	40.8	61.2	
89	71.6	56.9	85.3	
182	2.5	2.0	3.0	

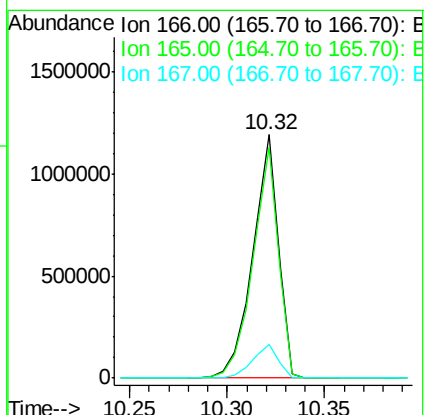
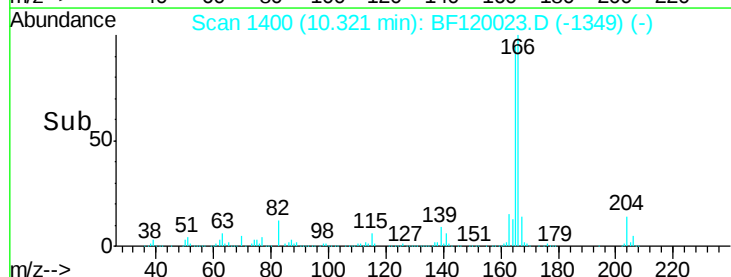
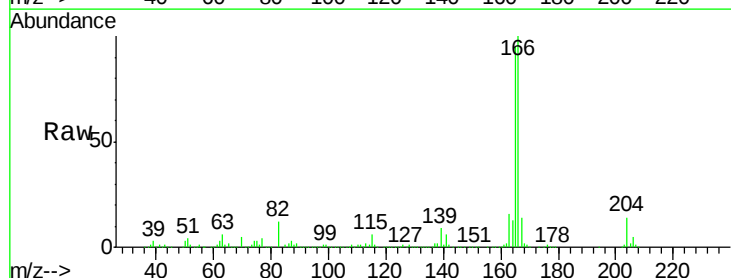
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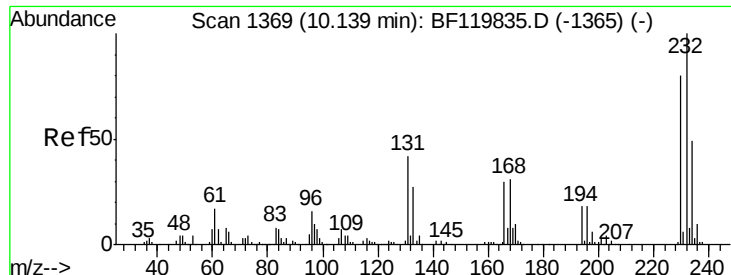
mohammad
 4/16/2020 12:53:13 PM



#58
 Fluorene
 Concen: 47.081 ng
 RT: 10.32 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1084337		
165	94.8	74.2	111.2	
167	13.6	10.8	16.2	





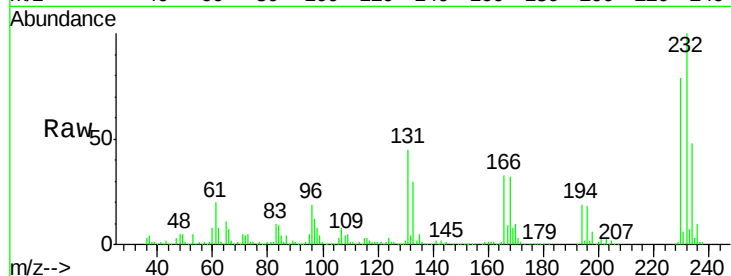
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.723 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MSD

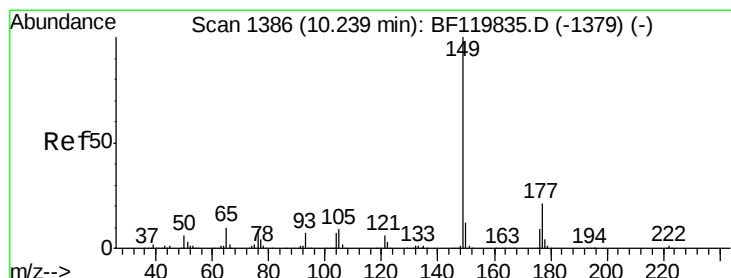
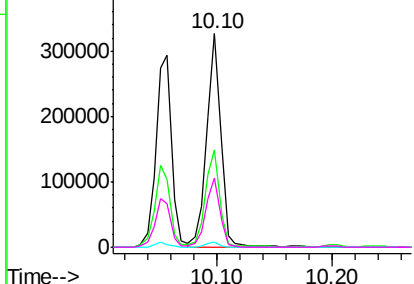
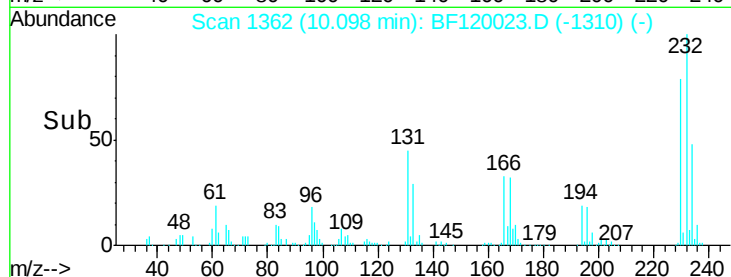
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.7	37.9	56.9
130	2.3	1.8	2.6
166	32.2	25.4	38.0

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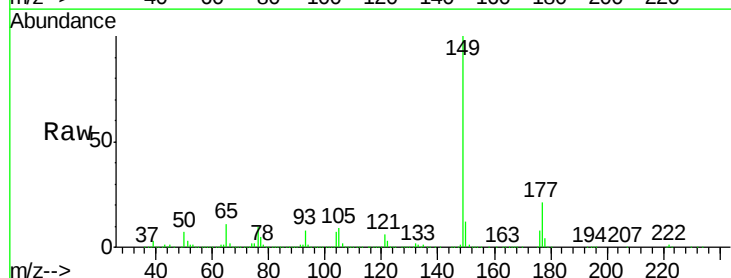


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

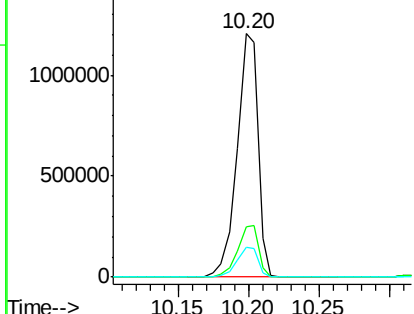
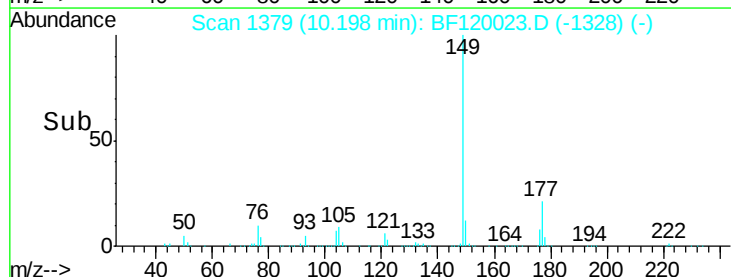


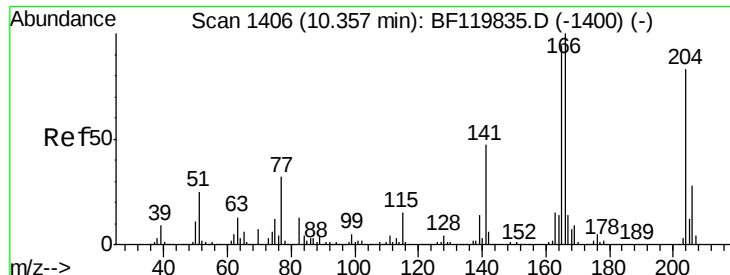
#60
 Diethylphthalate
 Concen: 48.821 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.8	25.2
150	12.3	9.8	14.6



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





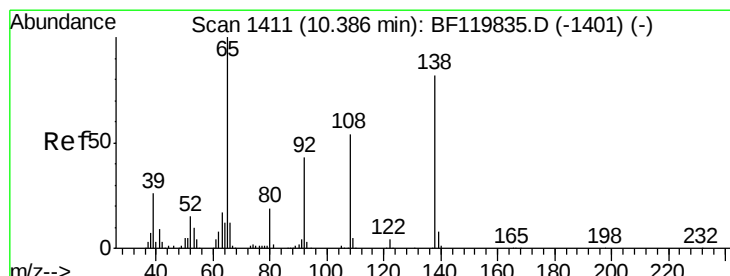
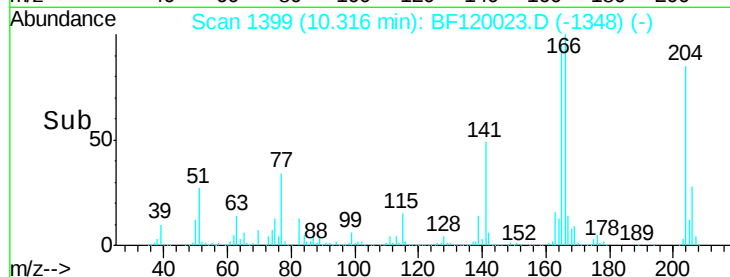
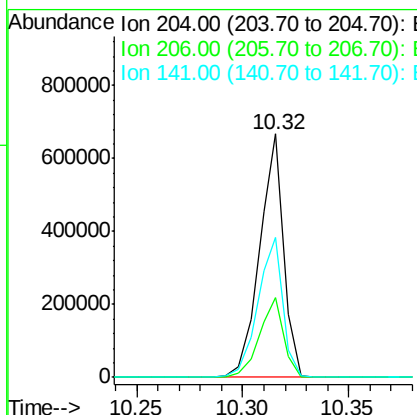
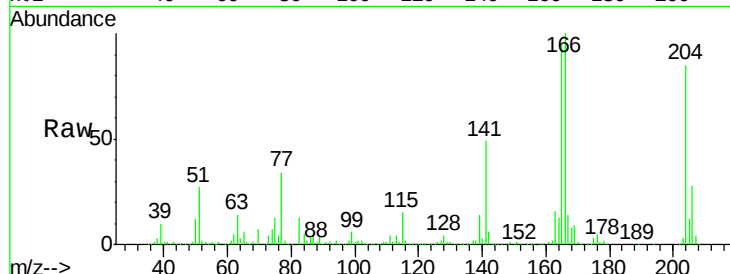
#61
 4-Chlorophenyl-phenylether
 Concen: 44.687 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Instrument :
 BNA_F
 ClientSampleId :
 NCQ-632MSD

Tot Ion:	204	Resp:	527505
Ion Ratio	Lower	Upper	
204	100		
206	33.0	26.7	40.1
141	57.4	45.8	68.8

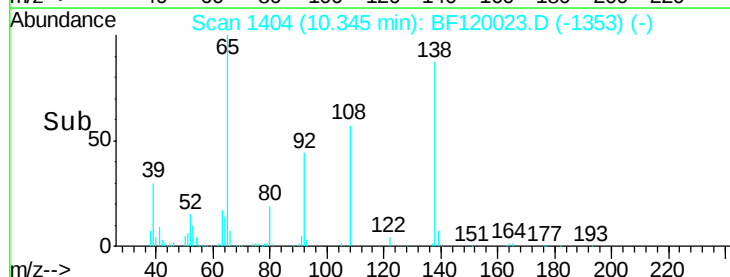
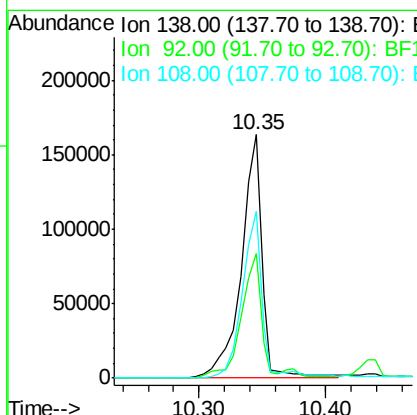
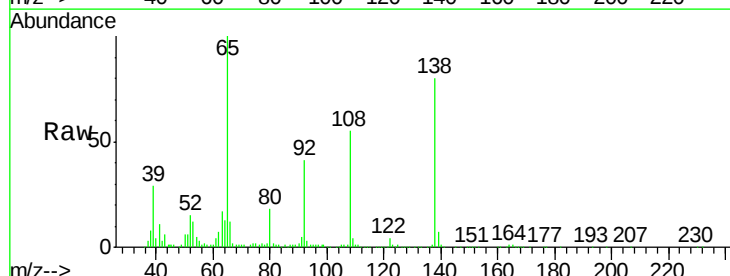
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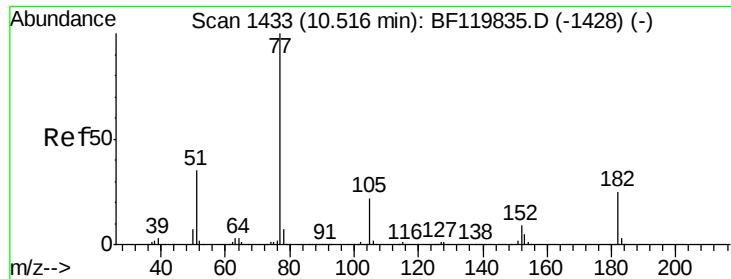
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#62
 4-Nitroaniline
 Concen: 31.125 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF120023.D
 Acq: 16 Apr 2020 5:34

Tgt Ion:	138	Resp:	182555
Ion Ratio	Lower	Upper	
138	100		
92	51.0	31.6	71.6
108	68.7	45.2	85.2





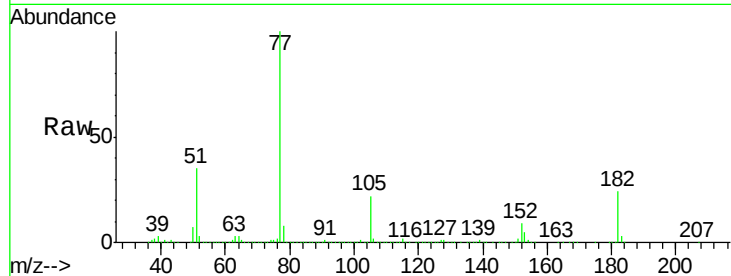
#63
Azobenzene
Concen: 49.308 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Instrument :
BNA_F
ClientSampleId :
NCQ-632MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.6	4.5	44.5
105	22.1	2.2	42.2
51	35.1	15.1	55.1

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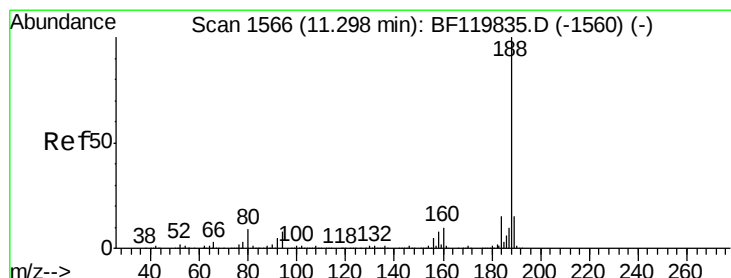
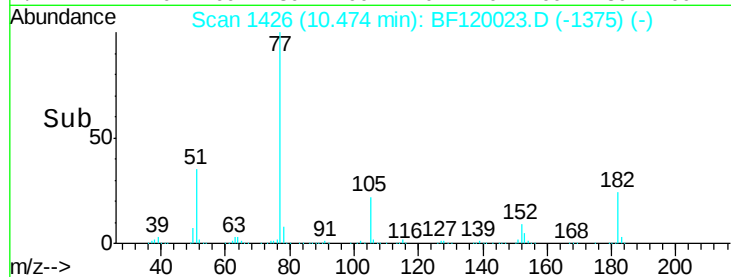
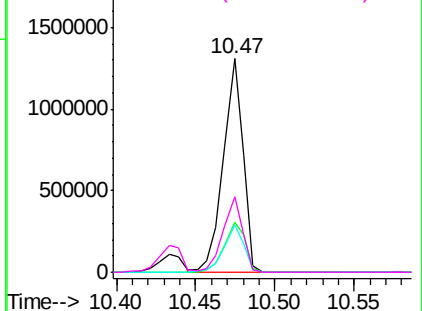
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.00 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

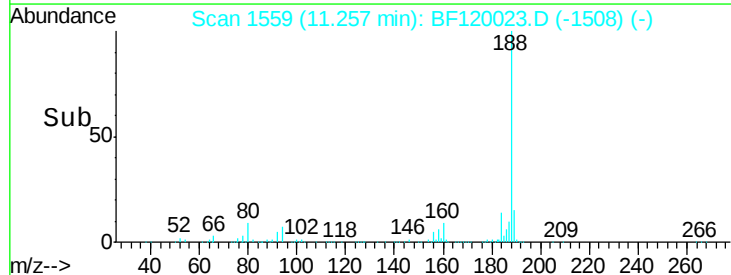
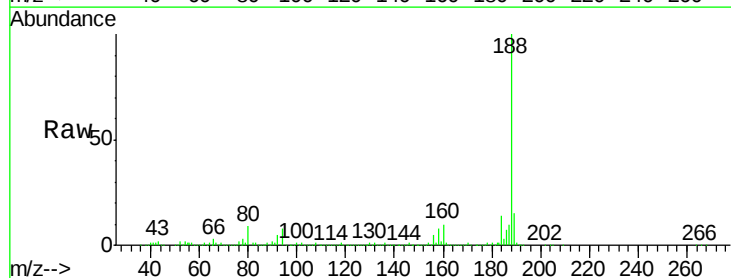
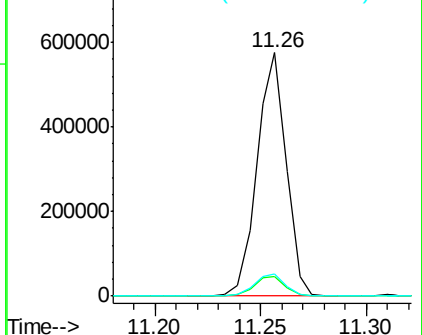
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	6.7	10.1
80	9.2	7.4	11.2

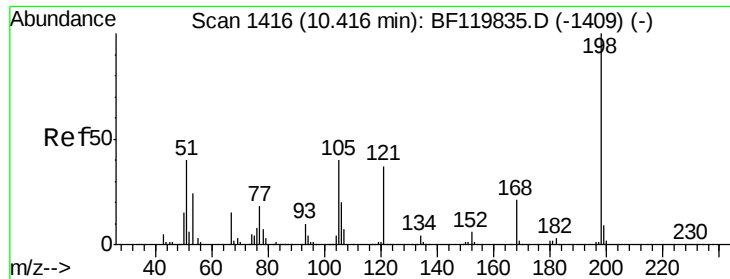
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





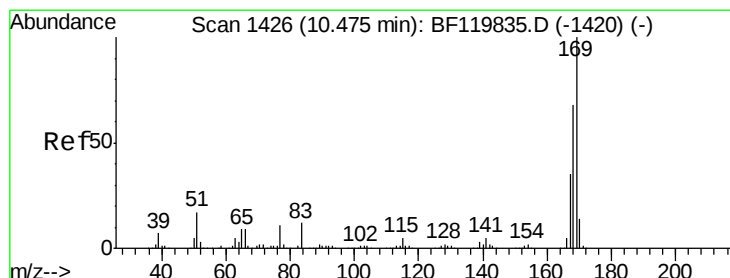
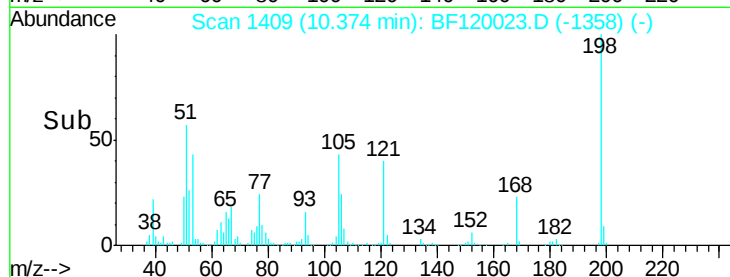
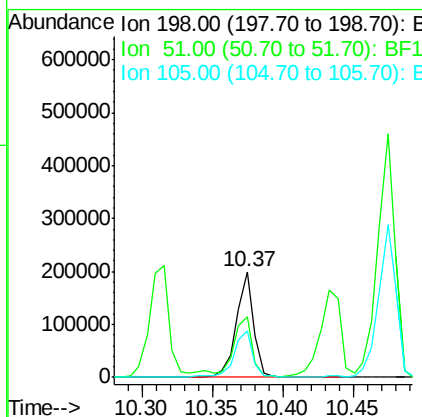
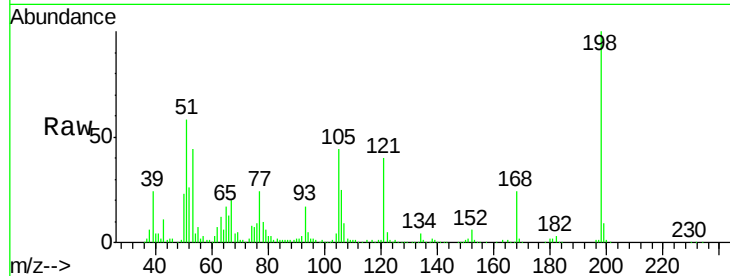
#65
4,6-Dinitro-2-methylphenol
Concen: 46.870 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Instrument :
BNA_F
ClientSampleId :
NCQ-632MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	170281		
51	57.7	25.2	65.2	
105	43.8	20.8	60.8	

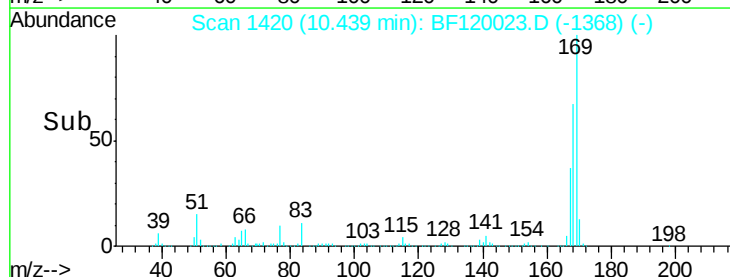
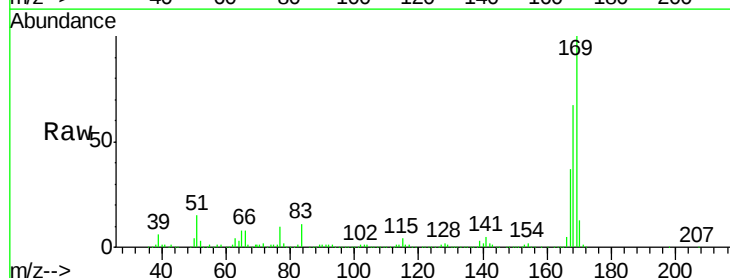
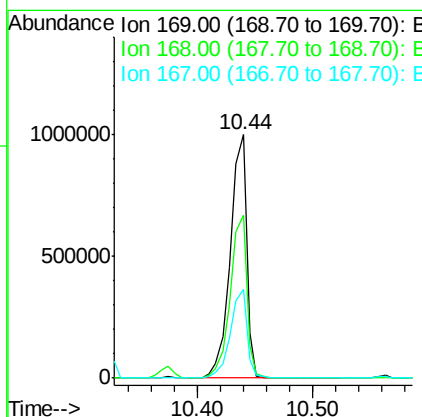
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#66
n-Nitrosodiphenylamine
Concen: 53.681 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.01 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	984501		
168	67.2	54.2	81.4	
167	36.6	28.3	42.5	





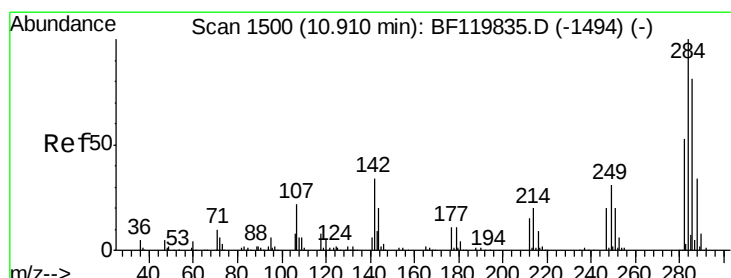
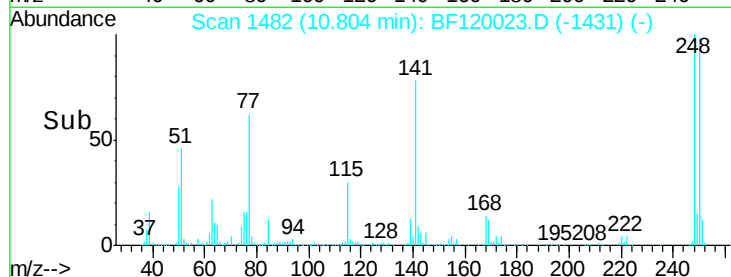
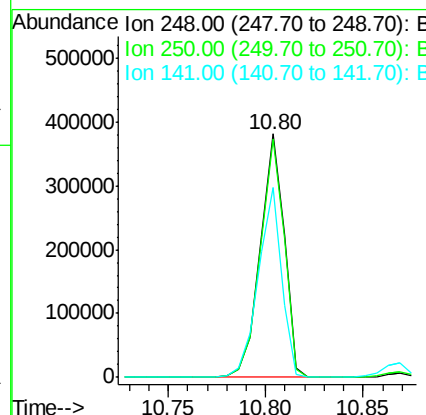
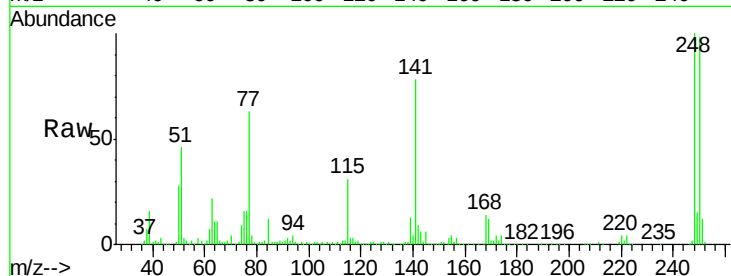
#67
4-Bromophenyl-phenylether
Concen: 47.389 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Instrument :
BNA_F
ClientSampleId :
NCQ-632MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.1	76.6	114.8
141	78.0	55.9	83.9

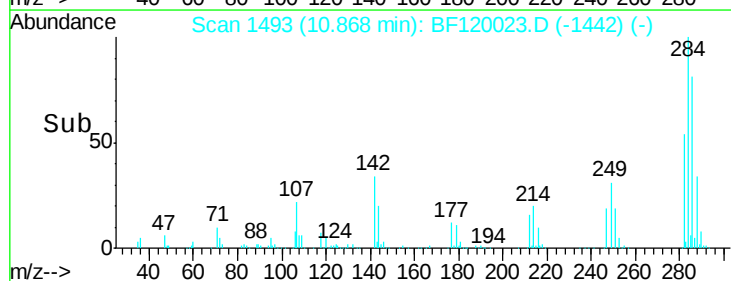
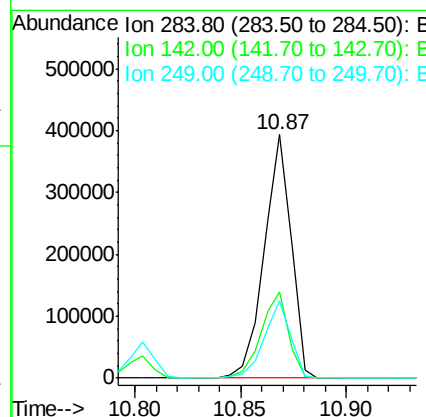
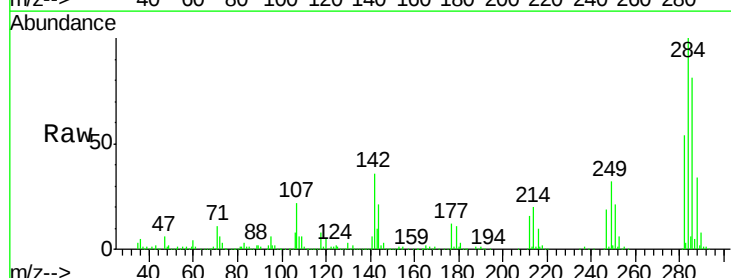
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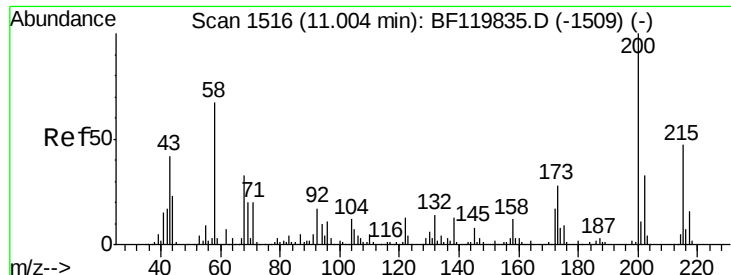
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#68
Hexachlorobenzene
Concen: 50.278 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	26.9	40.3
249	31.5	24.6	37.0





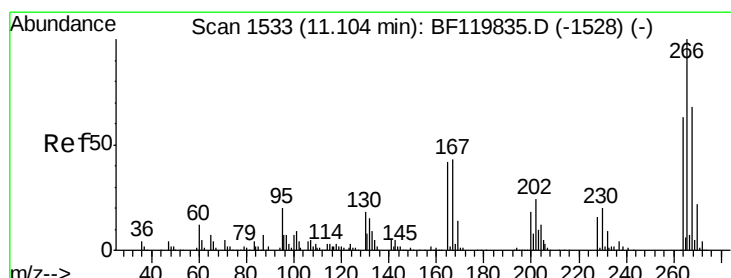
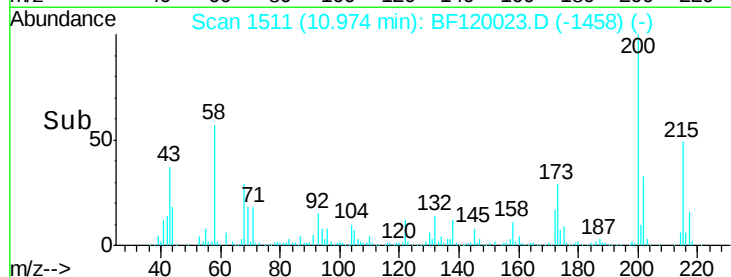
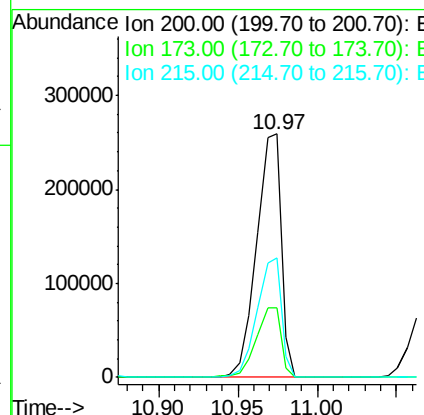
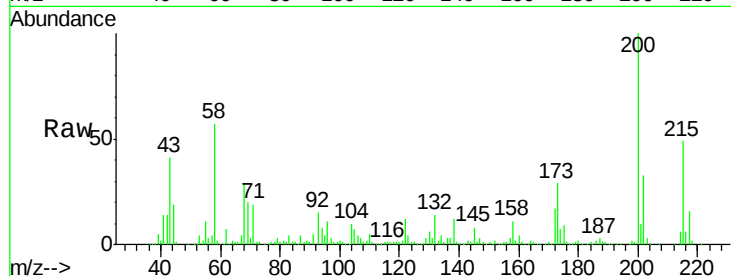
#69
Atrazine
Concen: 55.256 ng
RT: 10.97 min Scan# 1511
Delta R.T. 0.01 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Instrument :
BNA_F
ClientSampleId :
NCQ-632MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.6	8.0	48.0
215	49.3	27.1	67.1

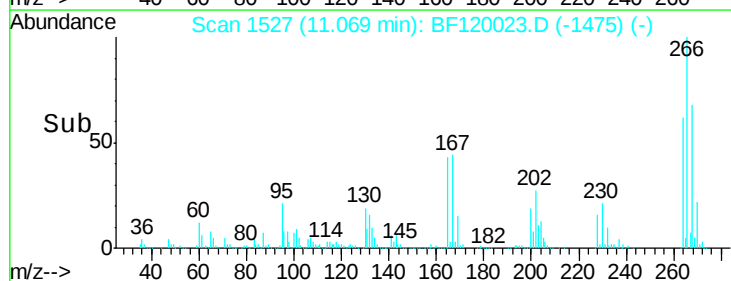
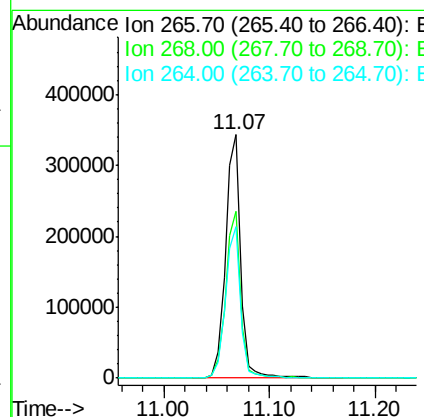
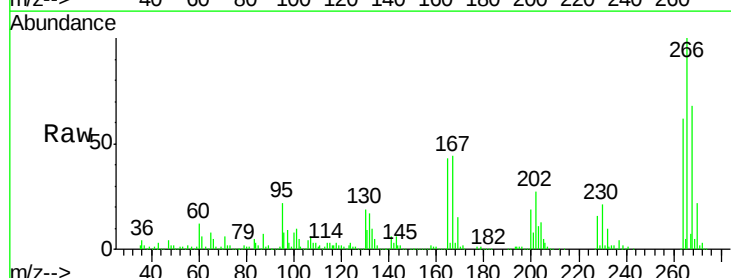
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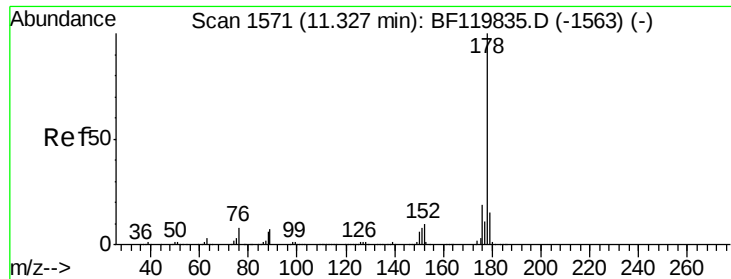
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#70
Pentachlorophenol
Concen: 86.908 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	68.5	54.2	81.4
264	62.4	50.6	76.0





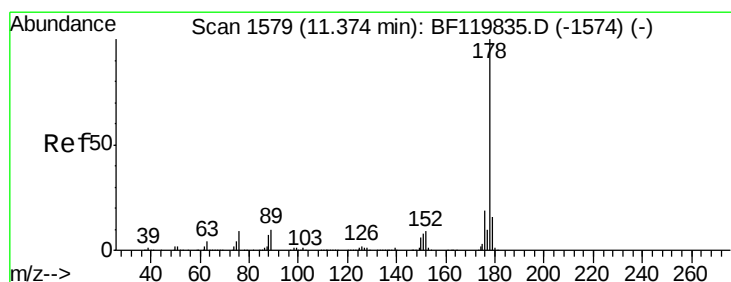
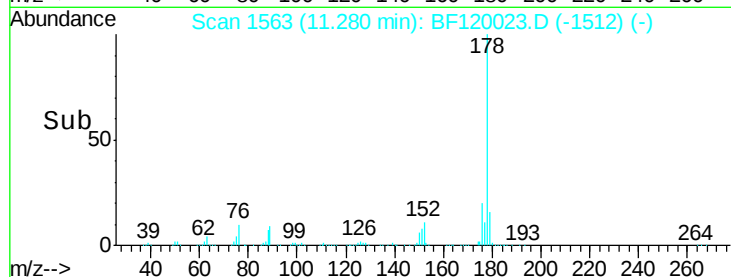
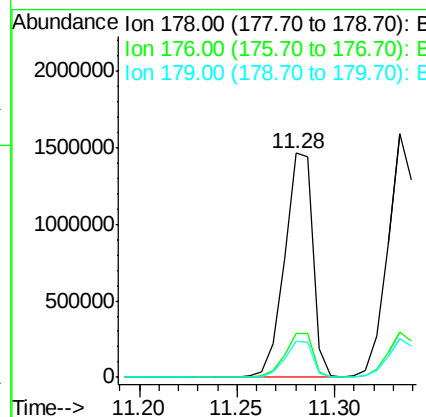
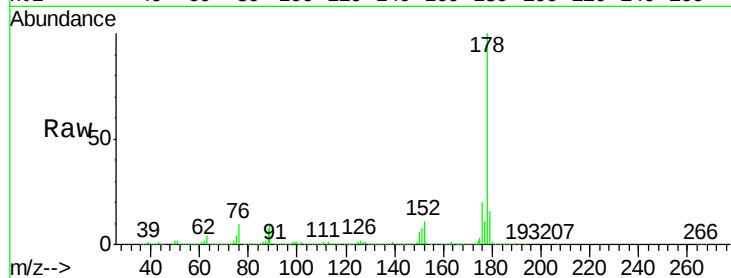
#71
Phenanthrene
Concen: 49.881 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Instrument :
BNA_F
ClientSampleId :
NCQ-632MSD

Tot Ion:178 Resp: 1463947
Ion Ratio Lower Upper
178 100
176 19.9 15.1 22.7
179 16.3 12.2 18.4

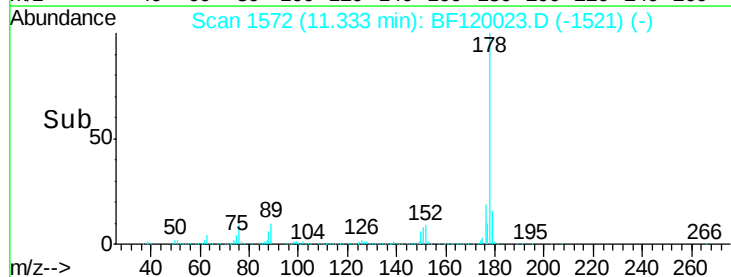
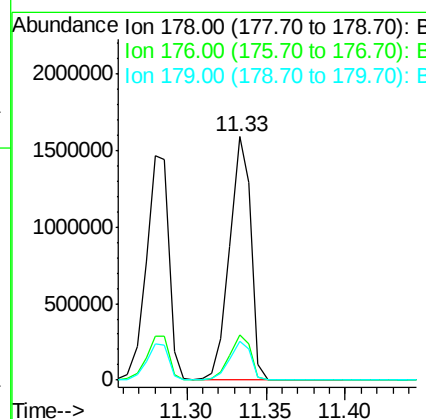
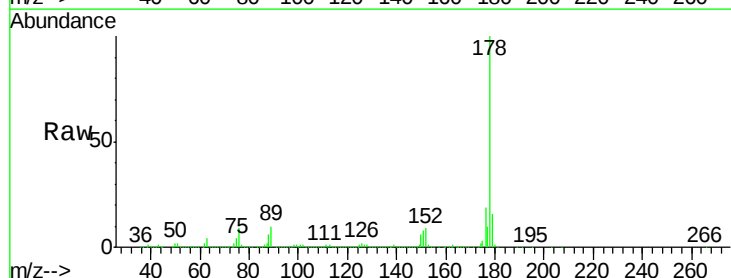
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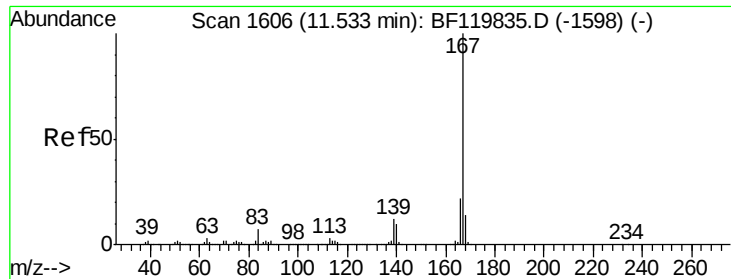
mohammad
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#72
Anthracene
Concen: 49.355 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Tgt Ion:178 Resp: 1479743
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.8 12.8 19.2





#73

Carbazole

Concen: 52.294 ng

RT: 11.49 min Scan# 1599

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA_F

ClientSampleId :

NCQ-632MSD

Tot Ion:167 Resp: 1482671

Ion Ratio Lower Upper

167 100

166 22.3 17.4 26.0

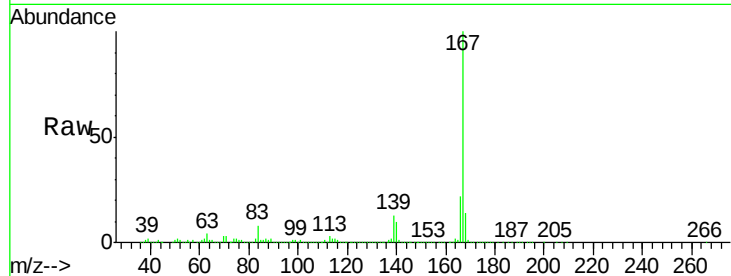
139 13.2 9.8 14.8

Manual Integrations

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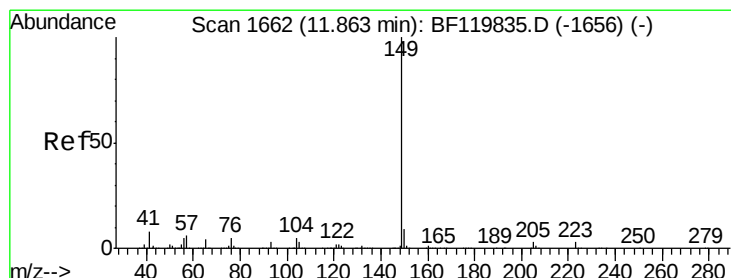
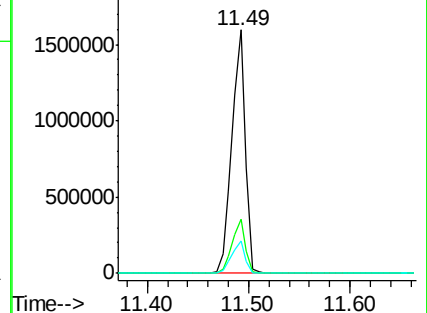
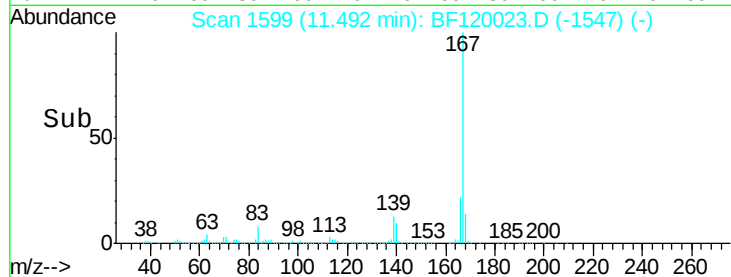
4/16/2020 12:53:13 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 57.073 ng

RT: 11.83 min Scan# 1656

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

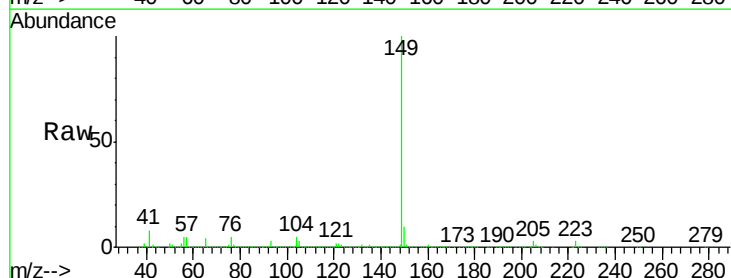
Tgt Ion:149 Resp: 2127261

Ion Ratio Lower Upper

149 100

150 9.6 7.6 11.4

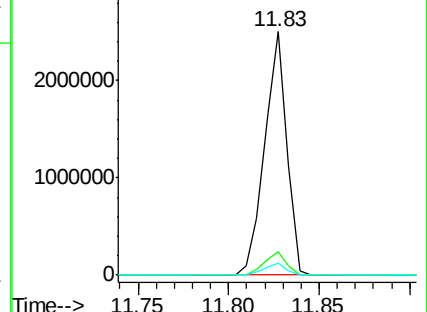
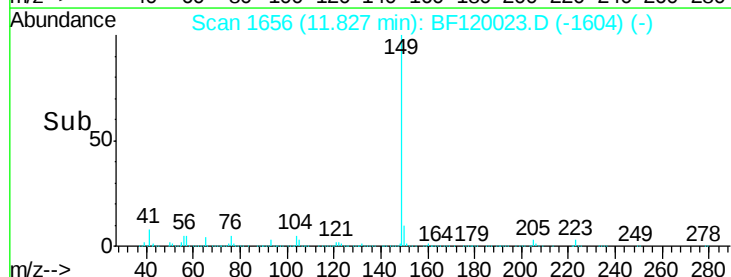
104 4.9 3.8 5.6

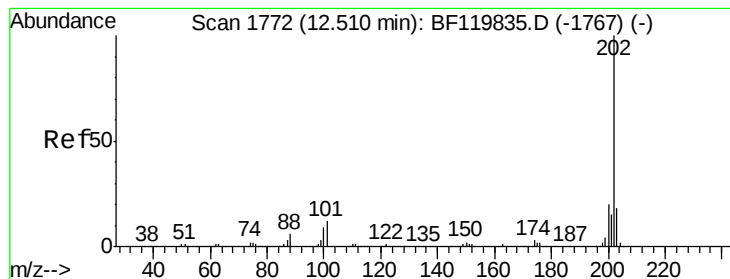


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 53.286 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA_F

ClientSampleId :

NCQ-632MSD

Tot Ion:202 Resp: 1687405

Ion Ratio Lower Upper

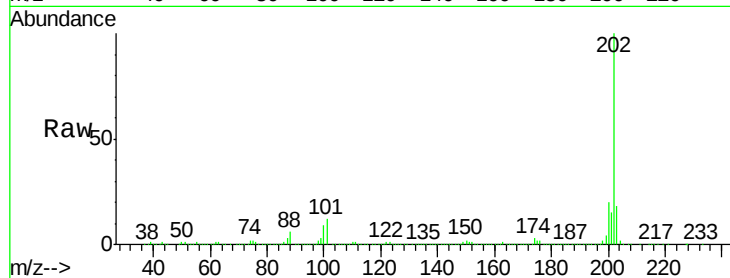
202 100

101 11.6 0.0 32.3

203 18.3 0.0 37.6

Manual Integrations
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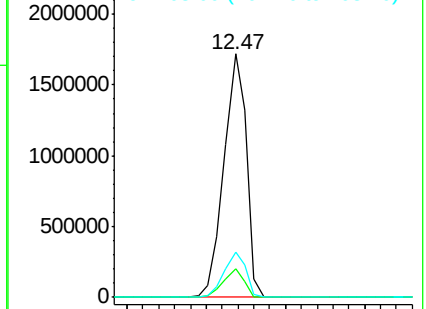
mohammad
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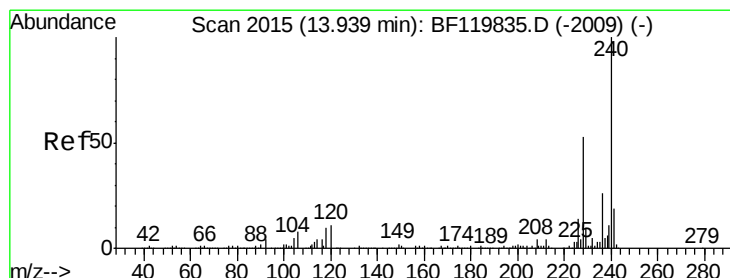
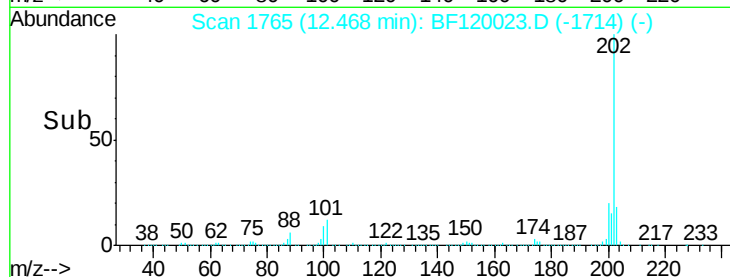
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time--> 12.40 12.45 12.50 12.55



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

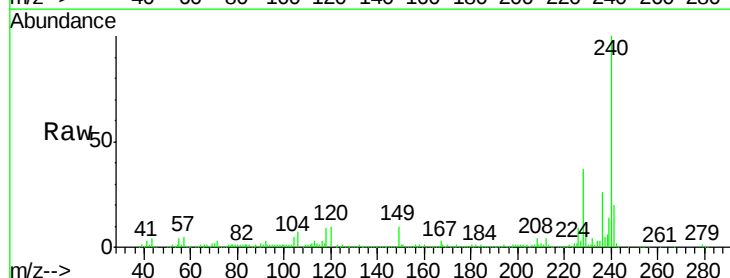
Tgt Ion:240 Resp: 325004

Ion Ratio Lower Upper

240 100

120 9.8 9.0 13.6

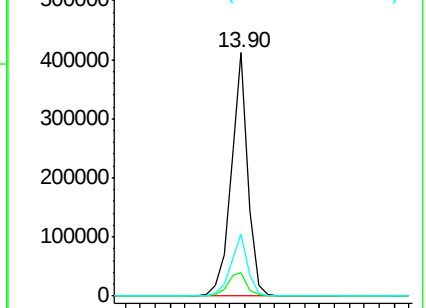
236 25.6 20.7 31.1



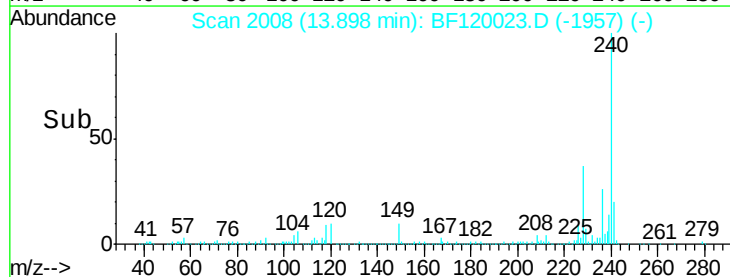
Abundance Ion 240.00 (239.70 to 240.70): E

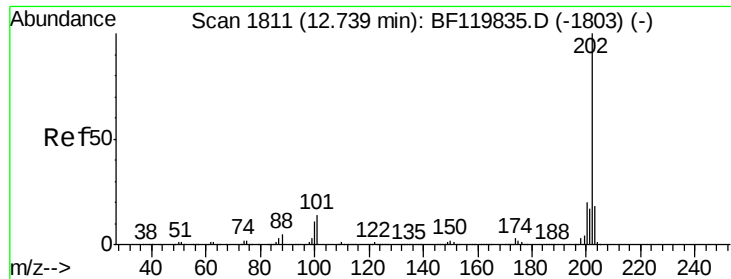
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 13.85 13.90 13.95





#78

Pvrene

Concen: 60.597 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA_F

ClientSampleId :

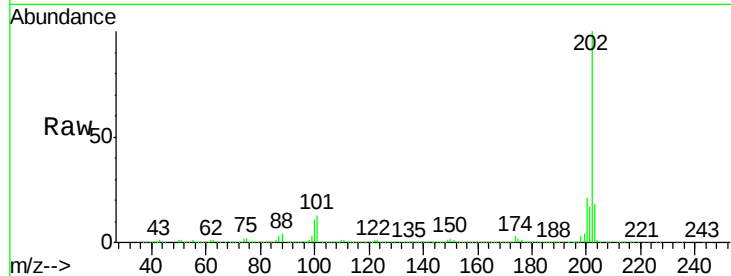
NCQ-632MSD

Tot Ion:202 Resp: 1660274

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.2	24.2
203	18.3	14.1	21.1

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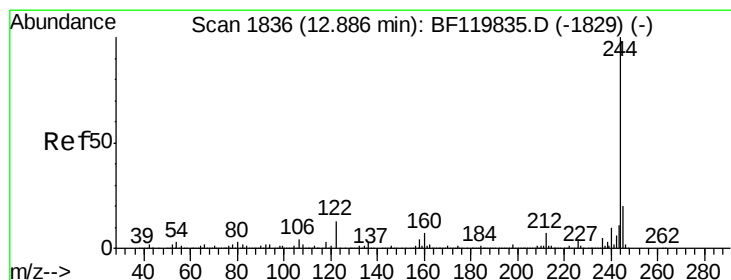
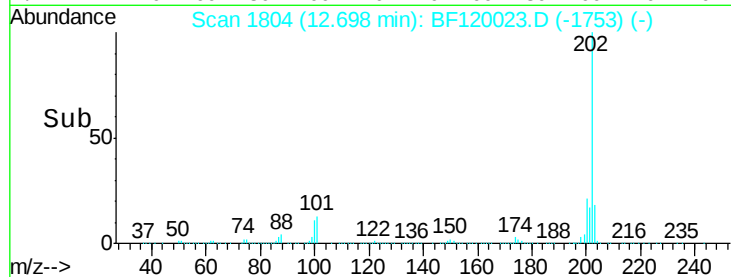
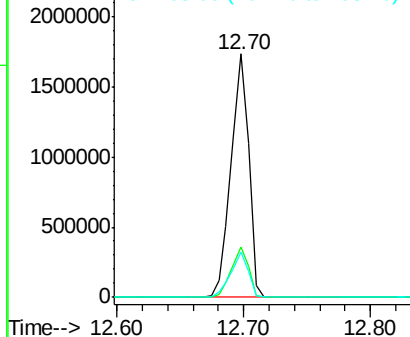
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 112.500 ng

RT: 12.84 min Scan# 1829

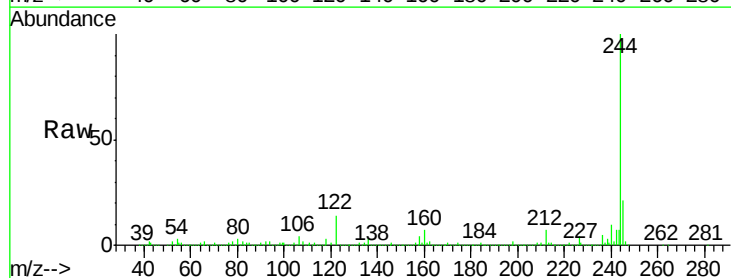
Delta R.T. -0.00 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Tgt Ion:244 Resp: 2172941

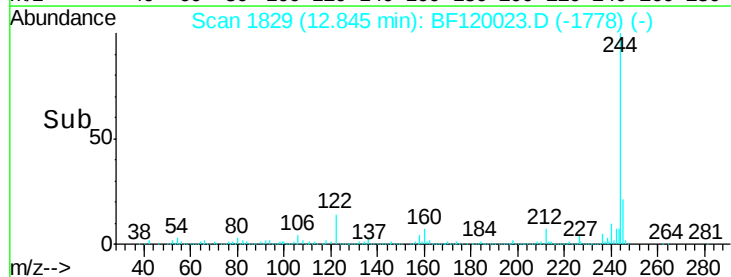
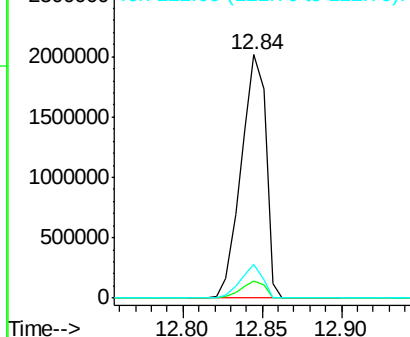
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	13.6	10.3	15.5

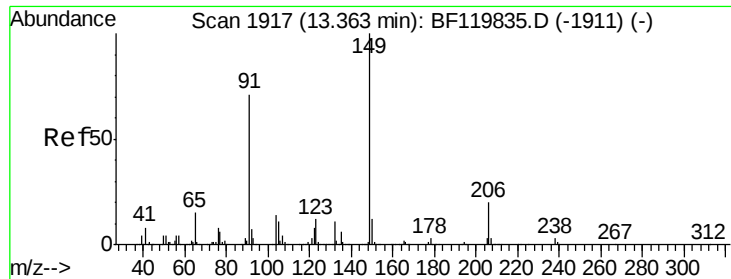


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





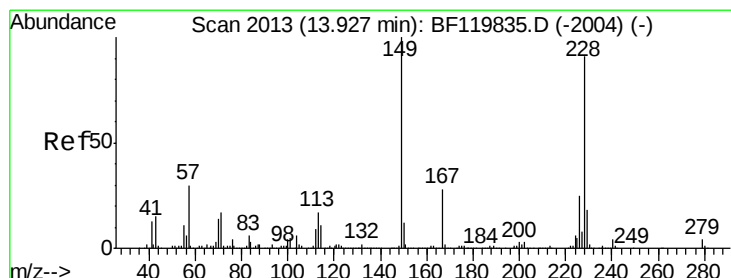
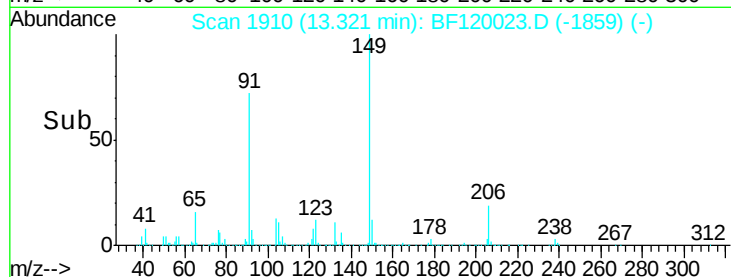
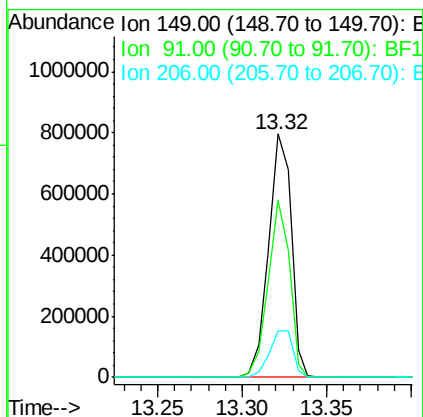
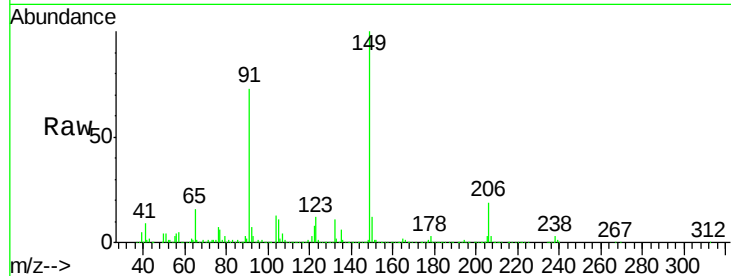
#80
Butylbenzylphthalate
Concen: 55.270 ng
RT: 13.32 min Scan# 1910
Delta R.T. -0.00 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Instrument :
BNA_F
ClientSampleId :
NCQ-632MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	72.5	56.7	85.1
206	19.0	15.7	23.5

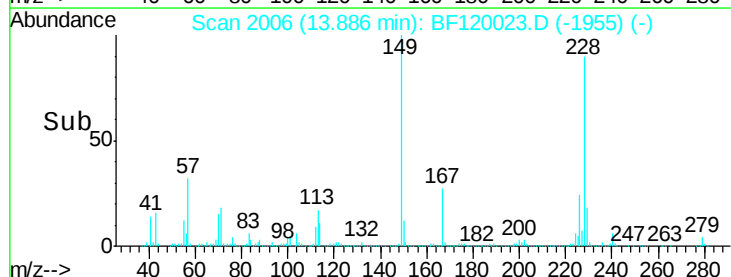
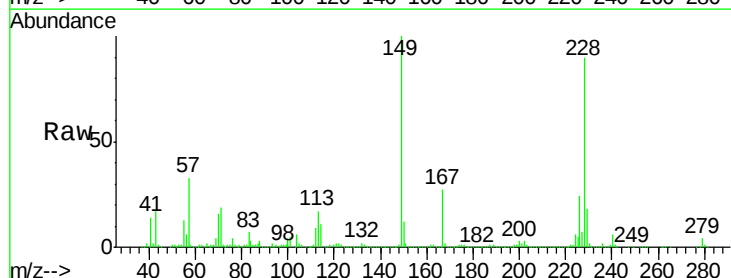
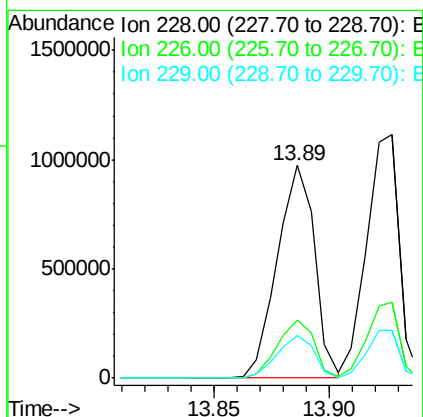
Manual Integrations
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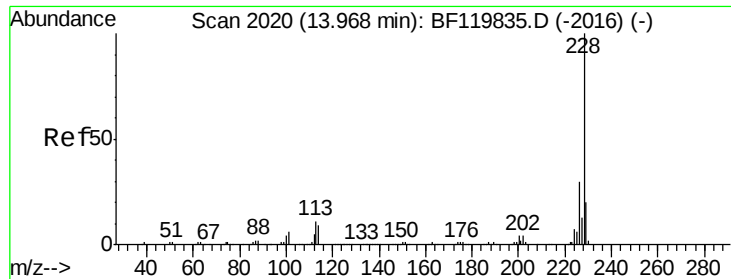
mohammad
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#81
Benzo(a)anthracene
Concen: 50.948 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.9	32.9
229	20.1	15.9	23.9





#83

Chrvsene

Concen: 50.183 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA_F

ClientSampleId :

NCQ-632MSD

Tot Ion:228 Resp: 1090214

Ion Ratio Lower Upper

228 100

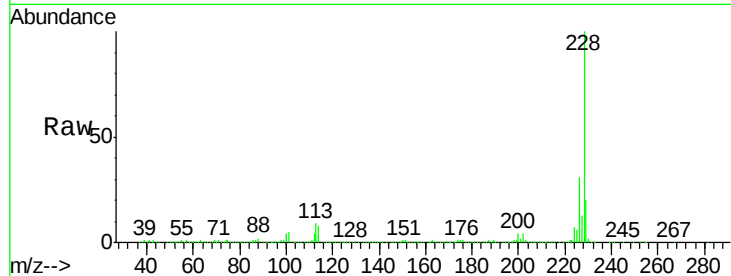
226 31.0 24.2 36.2

229 19.9 15.9 23.9

Manual Integrations
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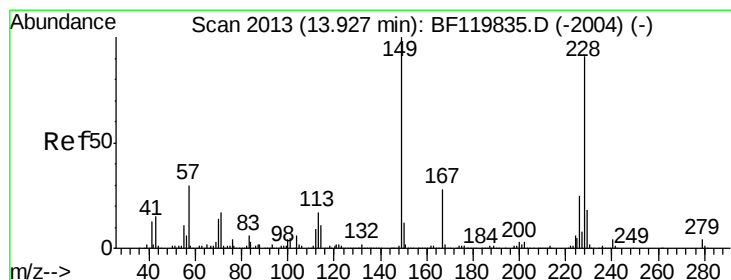
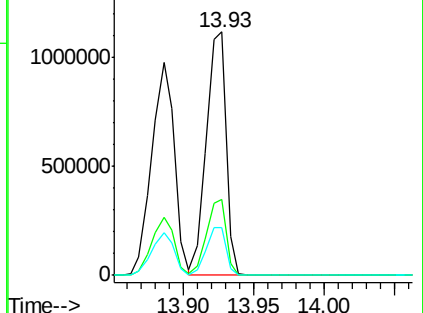
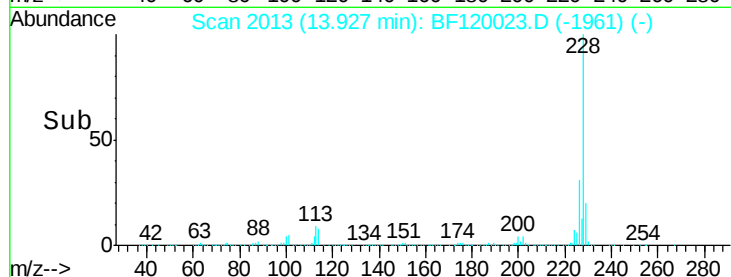
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.230 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

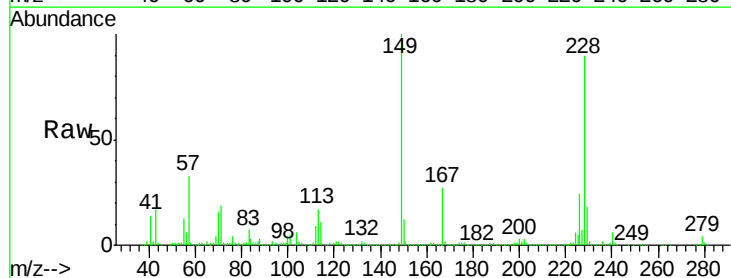
Tgt Ion:149 Resp: 958327

Ion Ratio Lower Upper

149 100

167 27.1 22.2 33.2

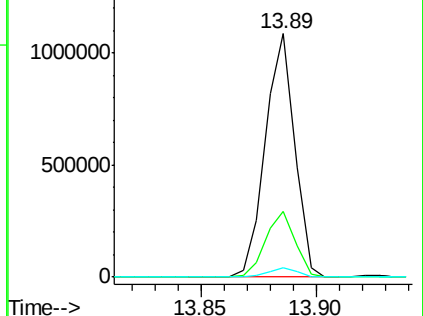
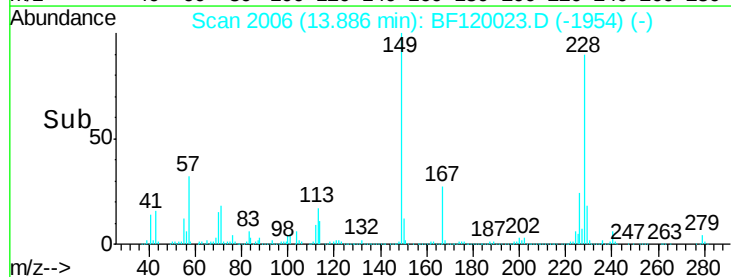
279 3.6 3.4 5.0

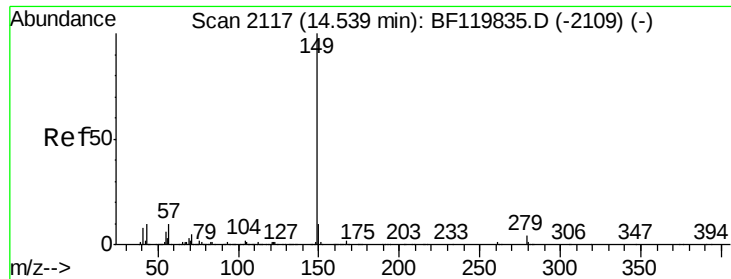


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 51.943 ng

RT: 14.50 min Scan# 2110

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA_F

ClientSampleId :

NCQ-632MSD

Tot Ion:149 Resp: 1592290

Ion Ratio Lower Upper

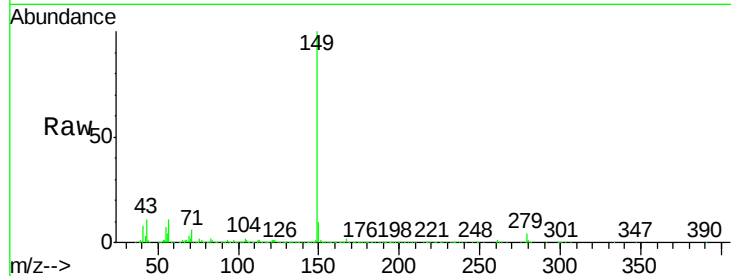
149 100

167 1.5 1.2 1.8

43 11.0 9.2 13.8

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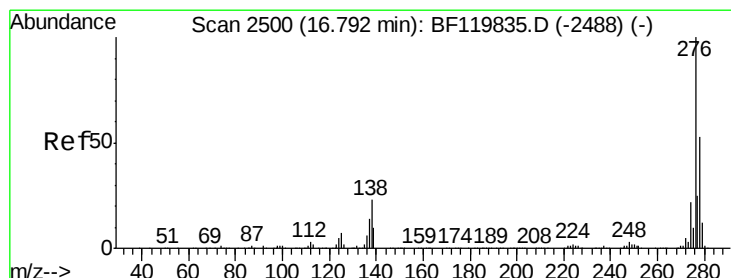
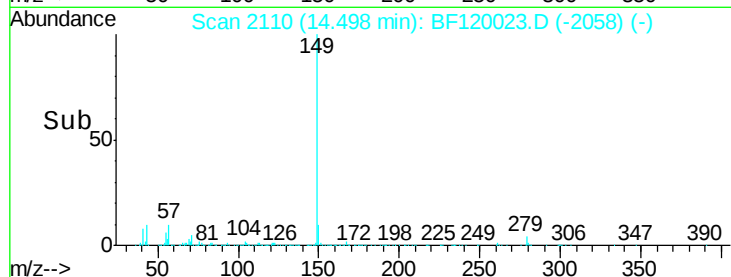
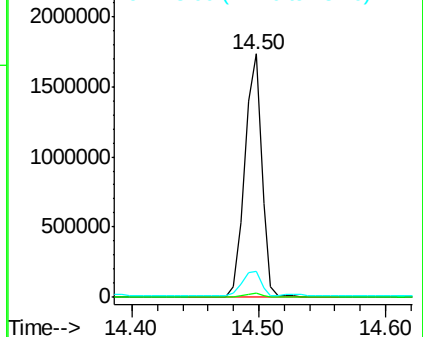
mohammad
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 55.890 ng

RT: 16.71 min Scan# 2486

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

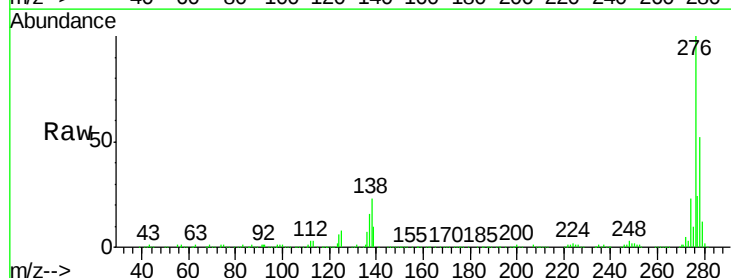
Tgt Ion:276 Resp: 1070314

Ion Ratio Lower Upper

276 100

138 23.9 18.0 27.0

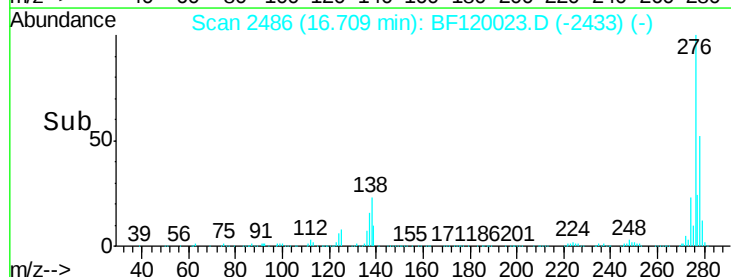
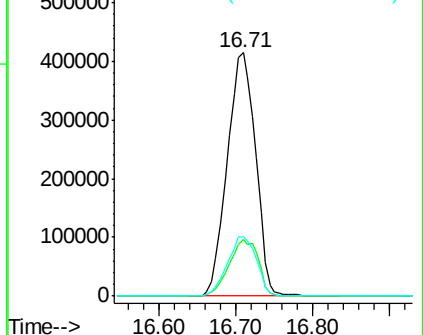
277 25.0 20.1 30.1

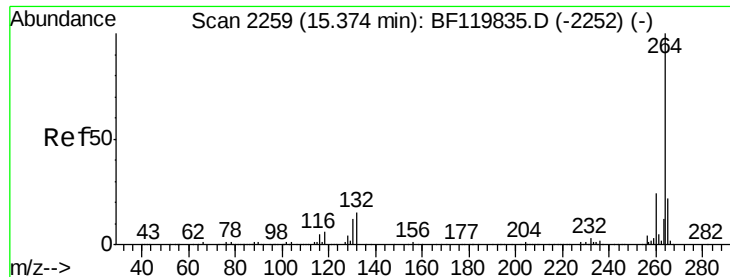


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





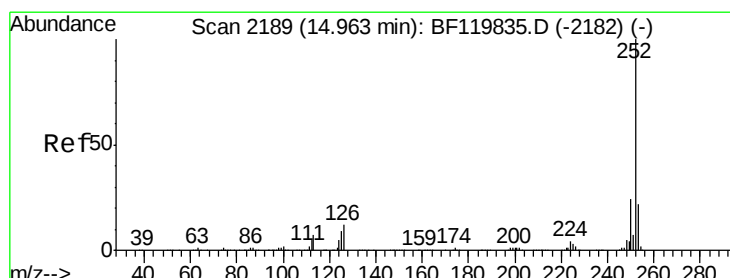
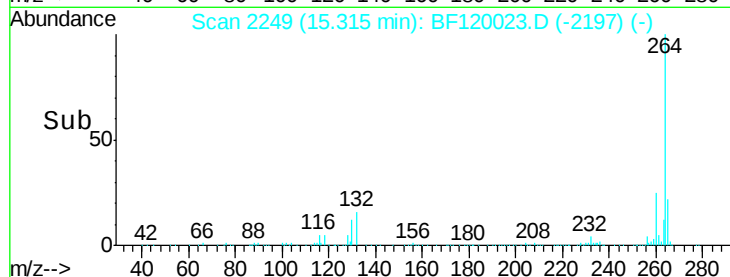
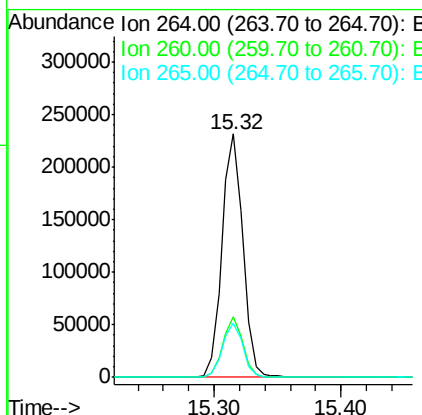
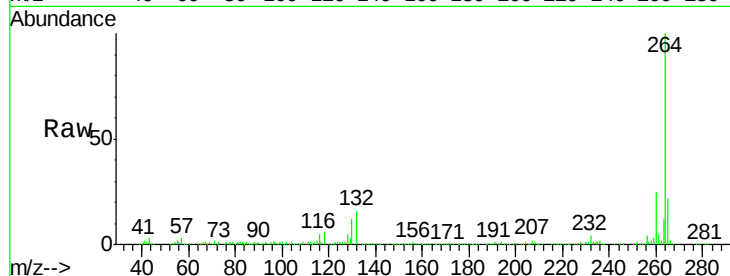
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Instrument :
BNA_F
ClientSampleId :
NCQ-632MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	22.3	17.6	26.4

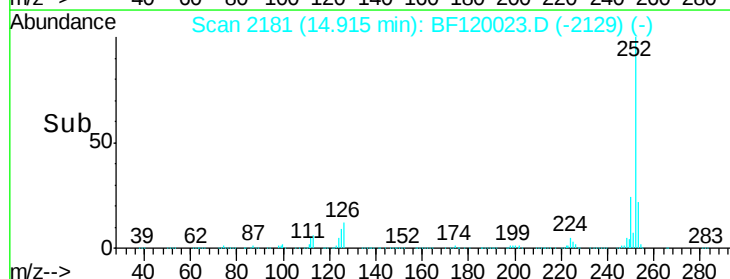
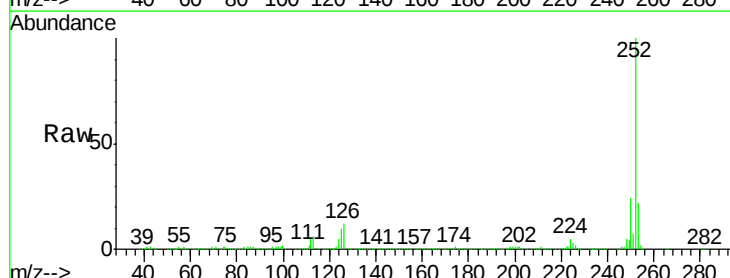
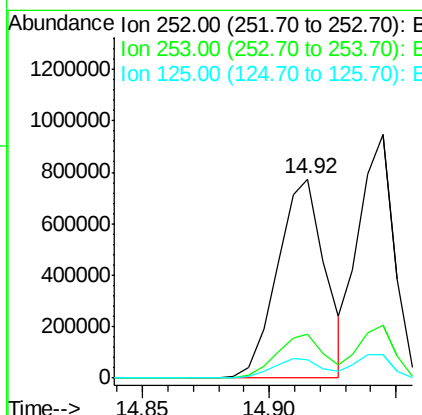
Manual Integrations
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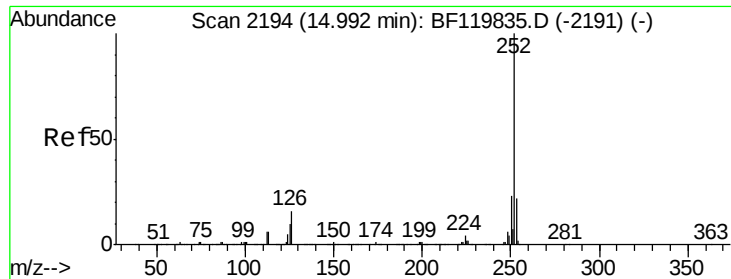
mohammad
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#88
Benzo(b)fluoranthene
Concen: 53.033 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.7	26.5
125	9.5	7.4	11.2





#89

Benzo(k)fluoranthene

Concen: 55.706 ng

RT: 14.94 min Scan# 2186

Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Instrument :

BNA_F

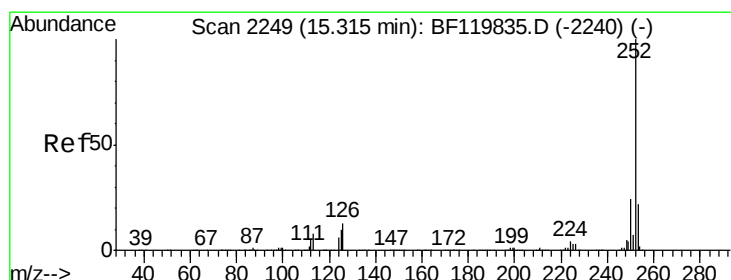
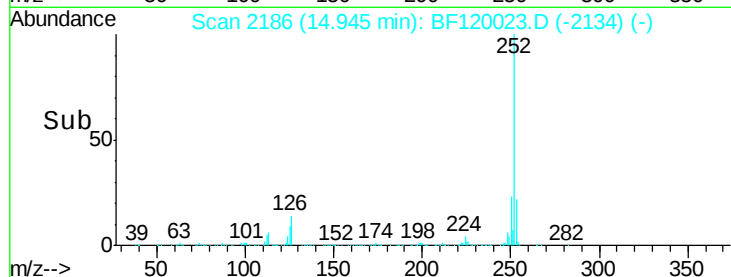
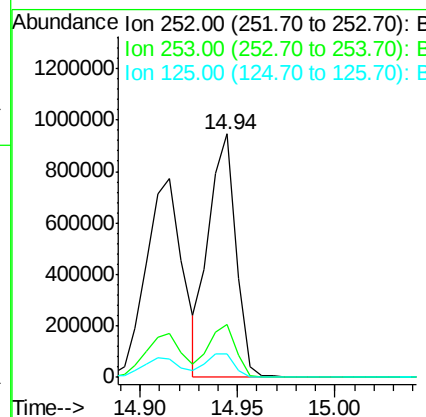
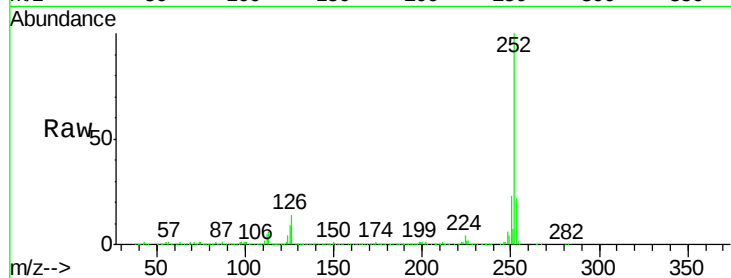
ClientSampleId :

NCQ-632MSD

Tot Ion:	252	Resp:	917533
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.8
125	9.4	7.7	11.5

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 51.933 ng

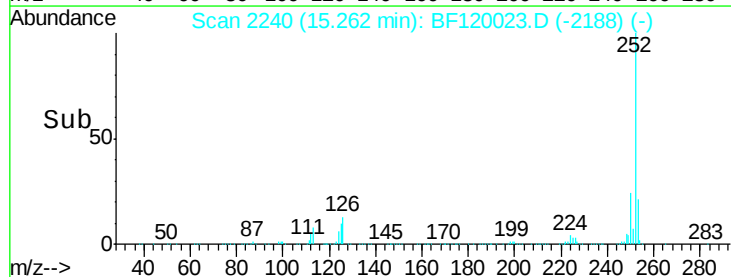
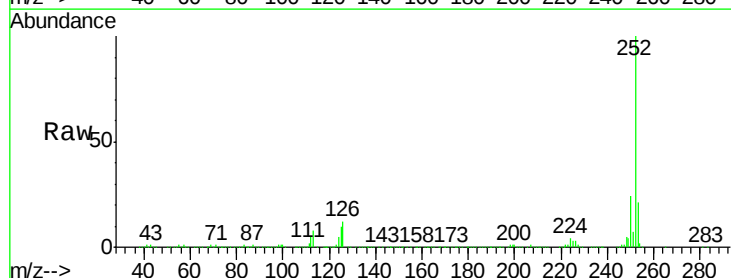
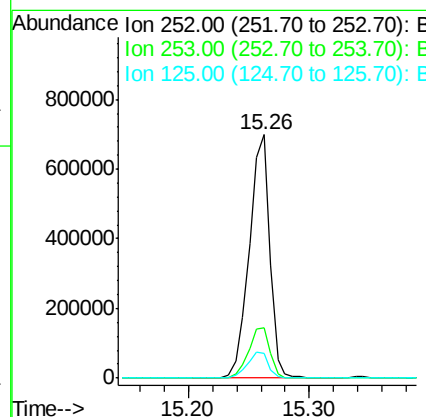
RT: 15.26 min Scan# 2240

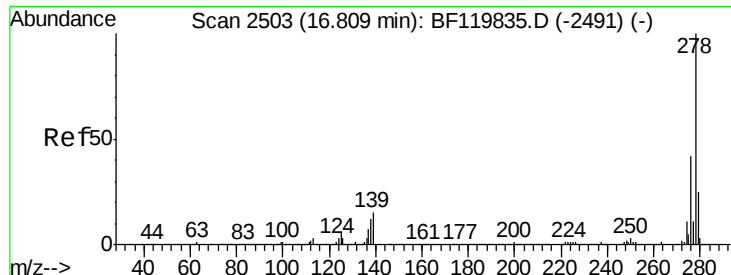
Delta R.T. 0.01 min

Lab File: BF120023.D

Acq: 16 Apr 2020 5:34

Tgt Ion:	252	Resp:	833569
Ion Ratio	Lower	Upper	
252	100		
253	20.9	17.4	26.2
125	10.0	8.3	12.5





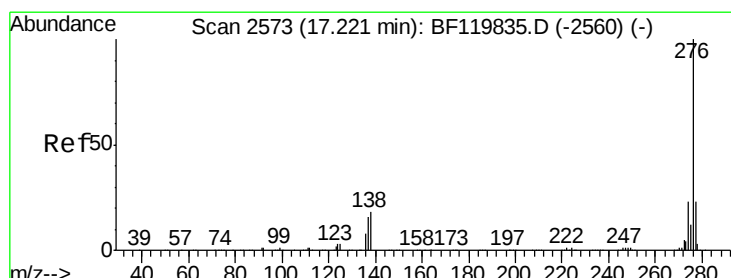
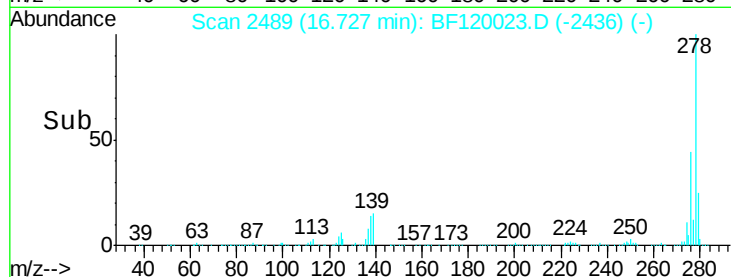
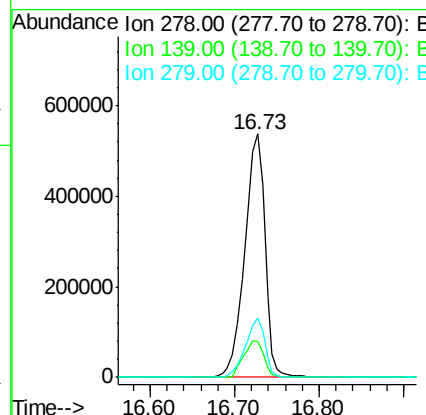
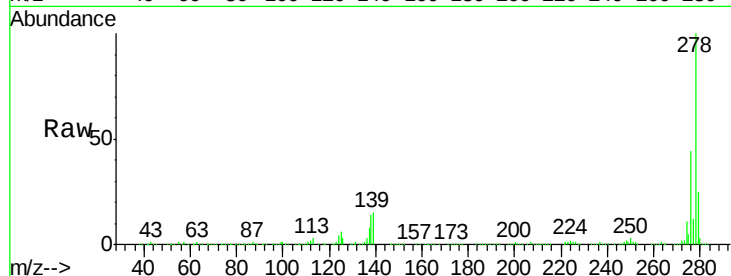
#91
Dibenzo(a,h)anthracene
Concen: 62.600 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Instrument :
BNA_F
ClientSampleId :
NCQ-632MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	11.6	17.4
279	24.6	19.7	29.5

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 58.571 ng
RT: 17.13 min Scan# 2557
Delta R.T. 0.01 min
Lab File: BF120023.D
Acq: 16 Apr 2020 5:34

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.5	27.7
138	20.5	14.6	22.0

