

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020223\
 Data File : BF132287.D
 Acq On : 02 Feb 2023 12:18
 Operator : CG\JU
 Sample : 01358-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JPP-11-012723

Quant Time: Feb 03 00:20:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 02 01:30:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

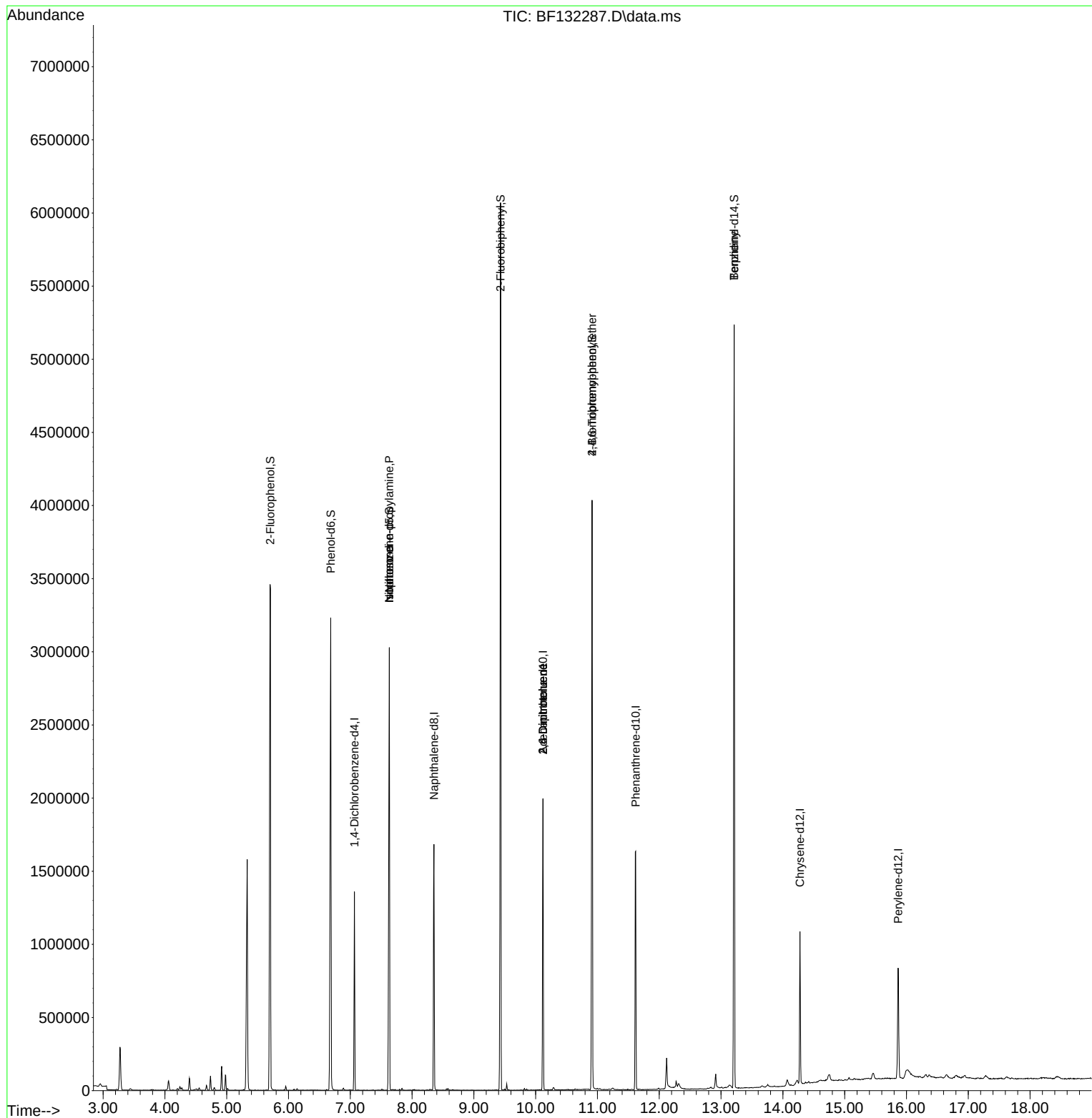
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.066	152	189858	20.000	ng	0.00
21) Naphthalene-d8	8.354	136	732618	20.000	ng	0.00
39) Acenaphthene-d10	10.119	164	365320	20.000	ng	0.00
64) Phenanthrene-d10	11.619	188	636100	20.000	ng	0.00
76) Chrysene-d12	14.277	240	321946	20.000	ng	-0.01
86) Perylene-d12	15.865	264	356601	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.707	112	1294209	109.572	ng	0.02
7) Phenol-d6	6.684	99	1470060	100.952	ng	0.00
23) Nitrobenzene-d5	7.631	82	1087741	82.621	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	536796	142.886	ng	0.00
45) 2-Fluorobiphenyl	9.431	172	1879380	79.444	ng	0.00
79) Terphenyl-d14	13.213	244	1778274	106.847	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.619	77	78	Below Cal	#	44
19) n-Nitroso-di-n-propyla...	7.631	70	136988	16.562	ng	# 76
25) Isophorone	7.631	82	1087726	43.530	ng	# 64
51) 2,6-Dinitrotoluene	10.119	165	48313	8.465	ng	# 25
57) 2,4-Dinitrotoluene	10.119	165	48313	6.517	ng	# 23
67) 4-Bromophenyl-phenylether	10.913	248	30572	4.694	ng	# 1
77) Benzydine	13.213	184	27940	2.482	ng	# 94

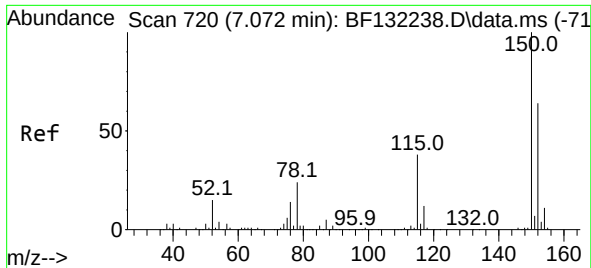
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 03 00:20:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 02 01:30:34 2023
Response via : Initial Calibration

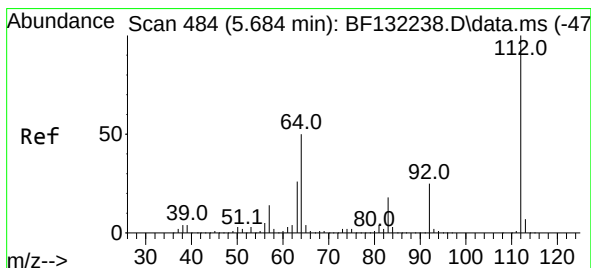
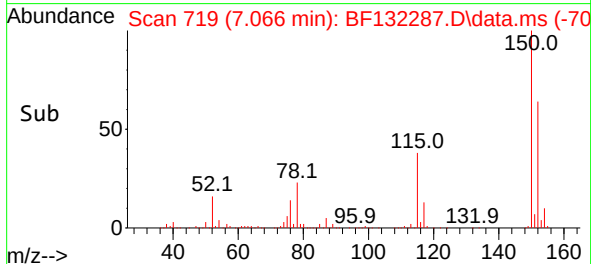
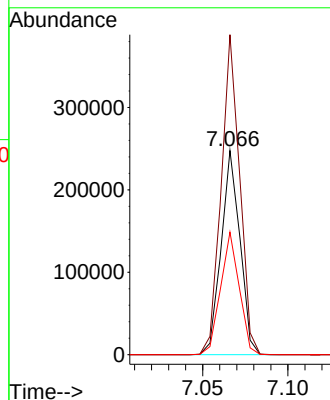
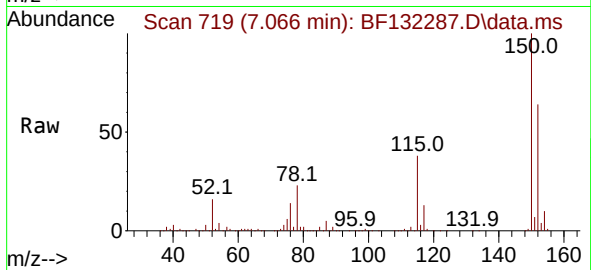




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.066 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF132287.D
Acq: 02 Feb 2023 12:18

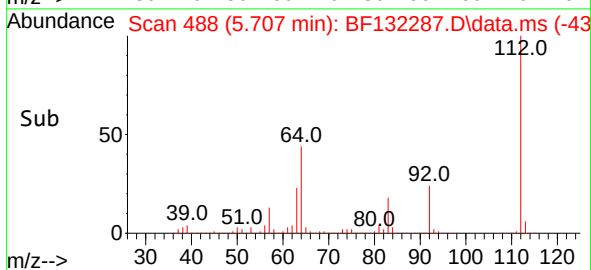
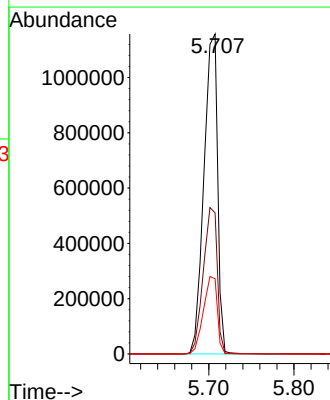
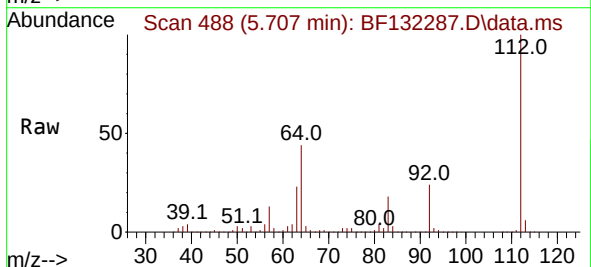
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723

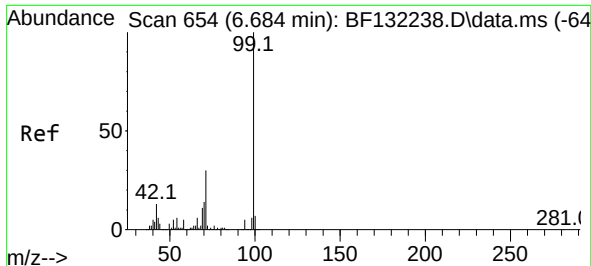
Tgt Ion:152 Resp: 189858
Ion Ratio Lower Upper
152 100
150 156.7 124.2 186.2
115 60.0 47.3 70.9



#5
2-Fluorophenol
Concen: 109.572 ng
RT: 5.707 min Scan# 488
Delta R.T. 0.023 min
Lab File: BF132287.D
Acq: 02 Feb 2023 12:18

Tgt Ion:112 Resp: 1294209
Ion Ratio Lower Upper
112 100
64 44.1 40.0 60.0
63 23.5 20.5 30.7

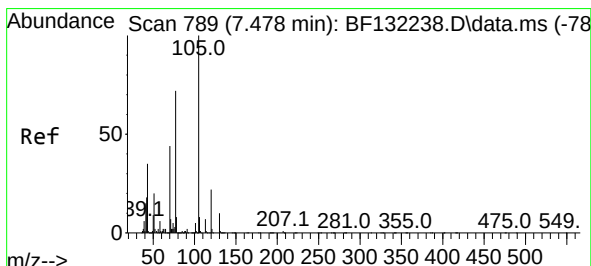
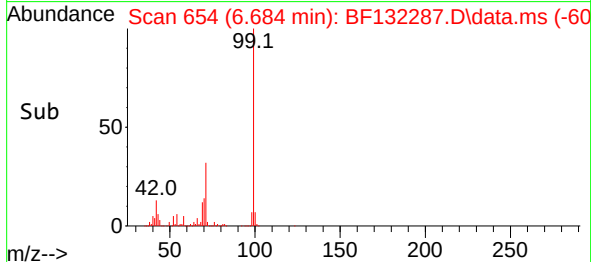
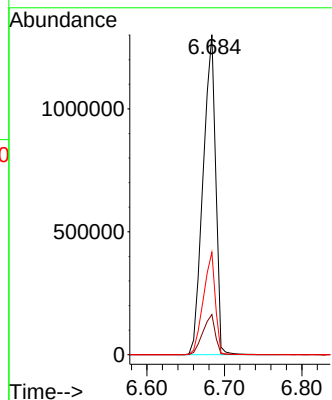
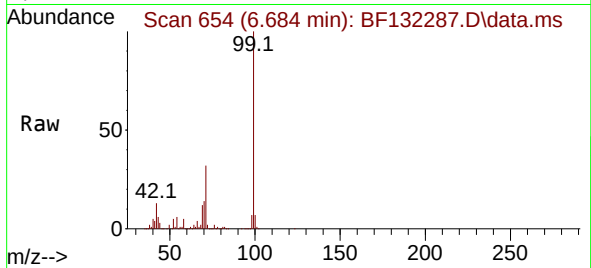




#7
Phenol-d6
Concen: 100.952 ng
RT: 6.684 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132287.D
Acq: 02 Feb 2023 12:18

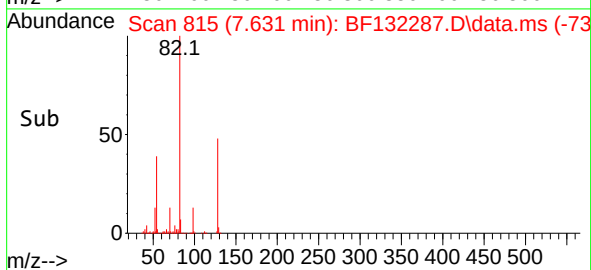
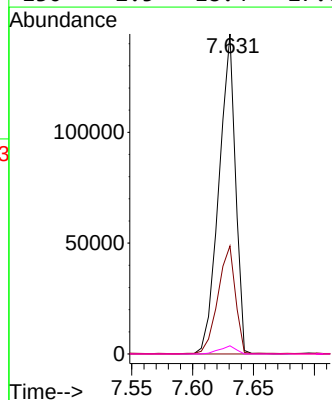
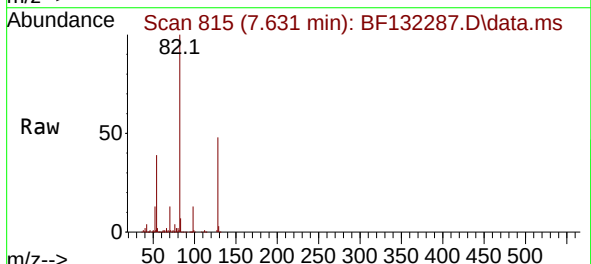
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723

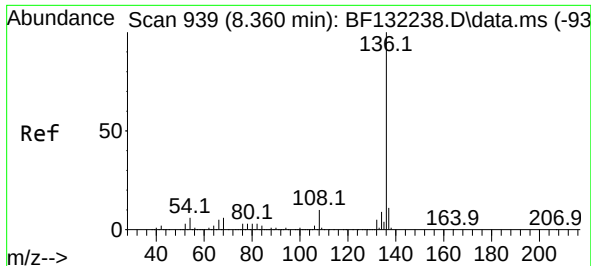
Tgt Ion: 99 Resp: 1470060
Ion Ratio Lower Upper
99 100
42 12.5 10.1 15.1
71 32.0 24.2 36.4



#19
n-Nitroso-di-n-propylamine
Concen: 16.562 ng
RT: 7.631 min Scan# 815
Delta R.T. 0.153 min
Lab File: BF132287.D
Acq: 02 Feb 2023 12:18

Tgt Ion: 70 Resp: 136988
Ion Ratio Lower Upper
70 100
42 33.7 33.4 50.0
101 0.0 8.2 12.4#
130 2.5 18.4 27.6#



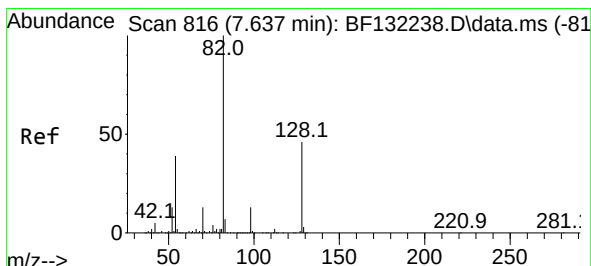
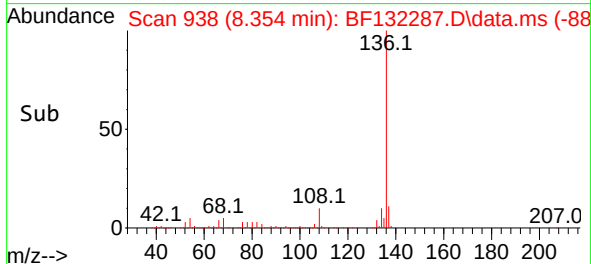
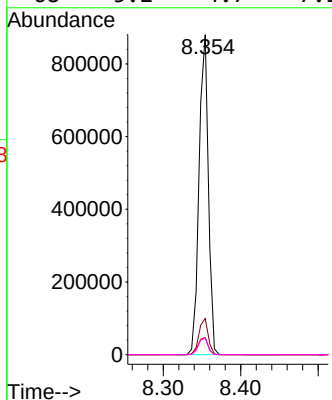
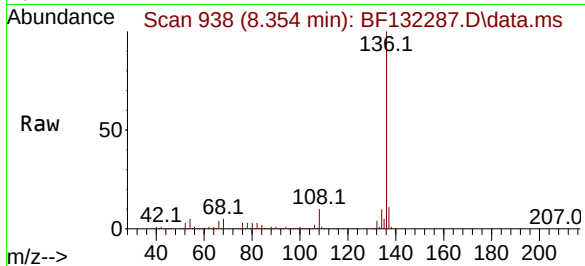


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.354 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132287.D
Acq: 02 Feb 2023 12:18

Instrument :
BNA_F
ClientSampleId :
JPP-11-012723

Tgt Ion:136 Resp: 732618

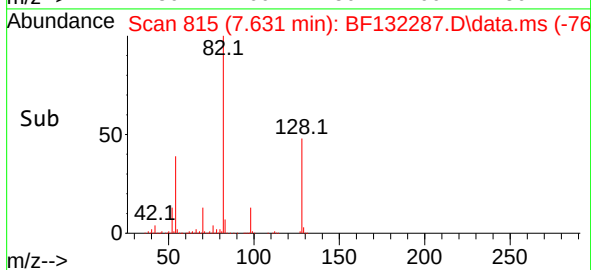
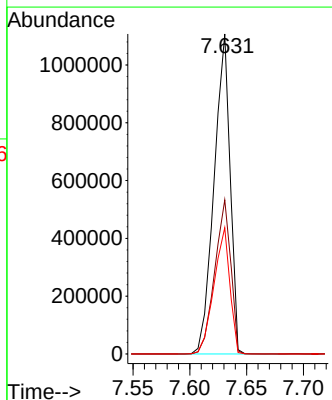
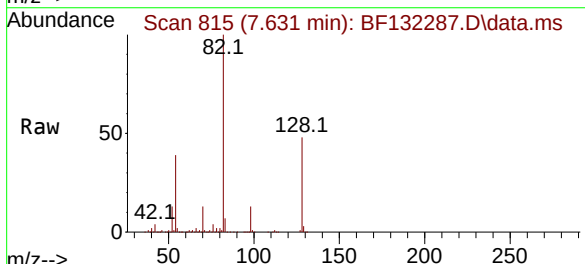
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	5.4	4.9	7.3
68	5.2	4.7	7.1

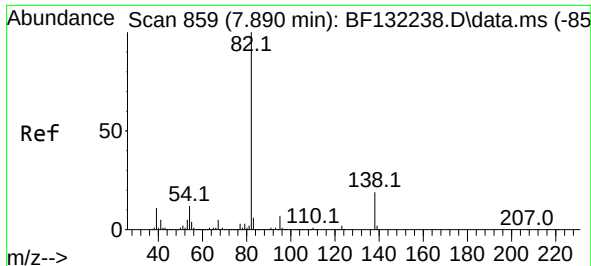


#23
Nitrobenzene-d5
Concen: 82.621 ng
RT: 7.631 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF132287.D
Acq: 02 Feb 2023 12:18

Tgt Ion: 82 Resp: 1087741

Ion	Ratio	Lower	Upper
82	100		
128	48.1	37.0	55.4
54	39.5	31.5	47.3

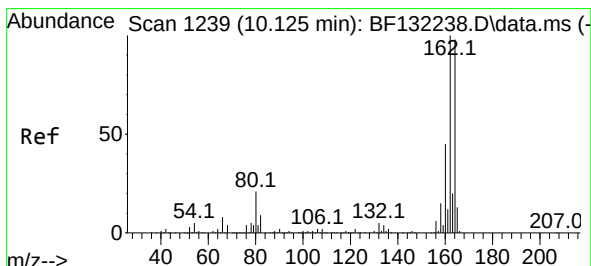
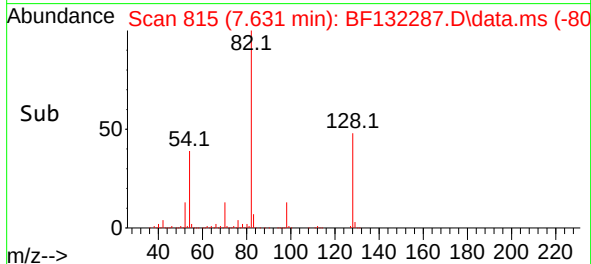
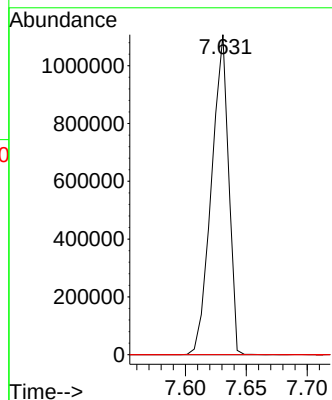
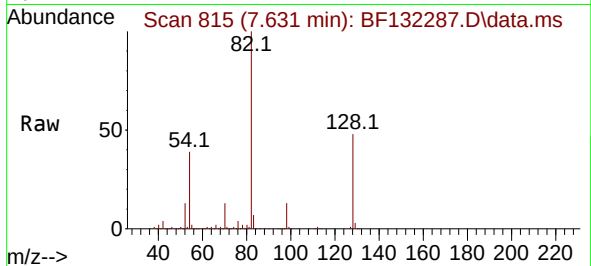




#25
Isophorone
Concen: 43.530 ng
RT: 7.631 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF132287.D
Acq: 02 Feb 2023 12:18

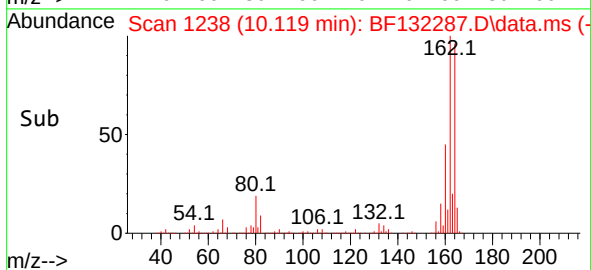
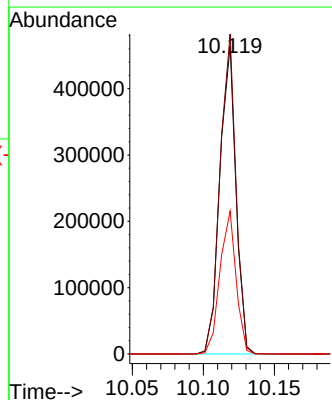
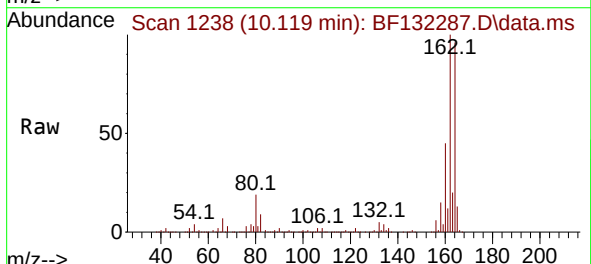
Instrument :
BNA_F
ClientSampleId :
JPP-11-012723

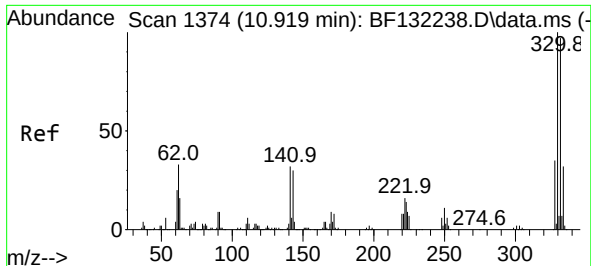
Tgt Ion: 82 Resp: 1087726
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 15.0 22.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF132287.D
Acq: 02 Feb 2023 12:18

Tgt Ion:164 Resp: 365320
Ion Ratio Lower Upper
164 100
162 103.8 82.0 123.0
160 46.3 37.1 55.7

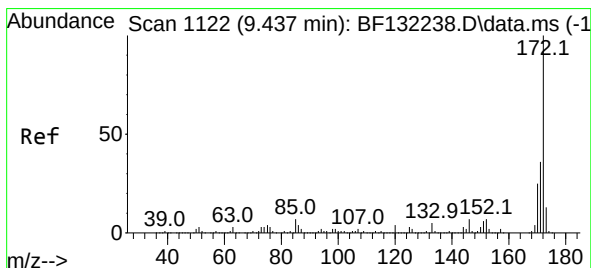
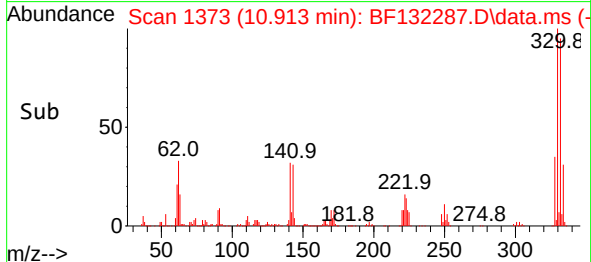
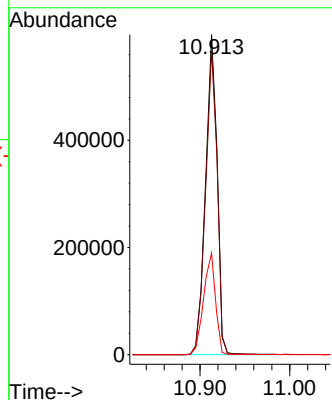
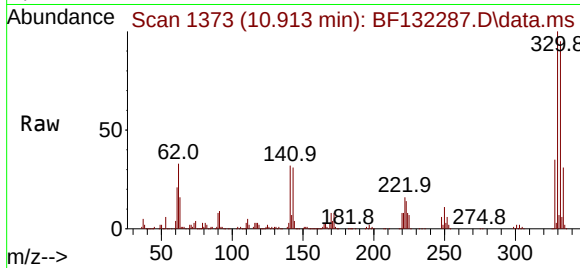




#42
2,4,6-Tribromophenol
Concen: 142.886 ng
RT: 10.913 min Scan# 111
Delta R.T. -0.006 min
Lab File: BF132287.D
Acq: 02 Feb 2023 12:18

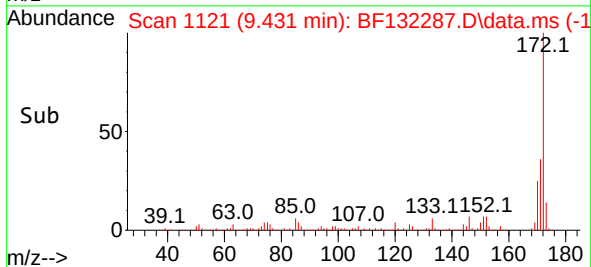
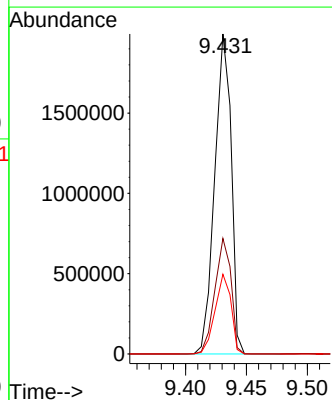
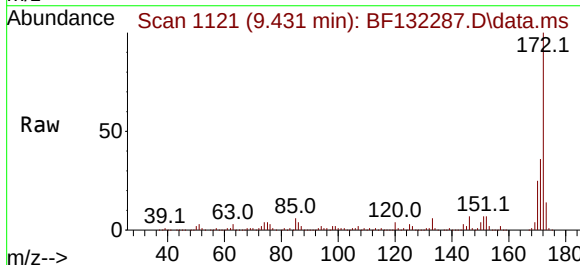
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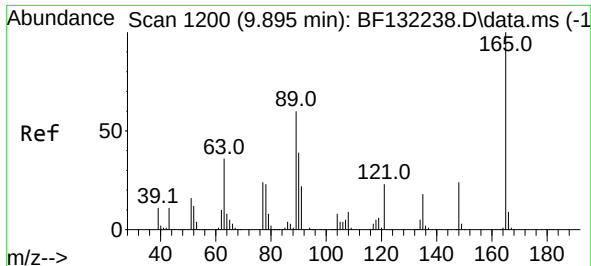
Tgt Ion:330 Resp: 536796
Ion Ratio Lower Upper
330 100
332 95.6 77.9 116.9
141 32.9 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 79.444 ng
RT: 9.431 min Scan# 1121
Delta R.T. -0.006 min
Lab File: BF132287.D
Acq: 02 Feb 2023 12:18

Tgt Ion:172 Resp: 1879380
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.9 19.7 29.5

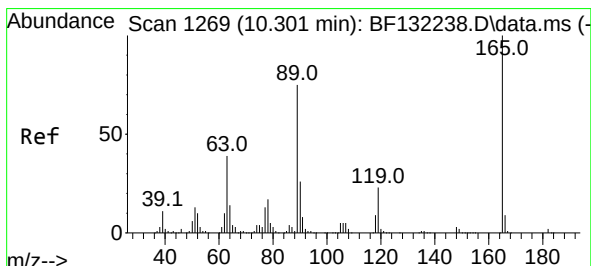
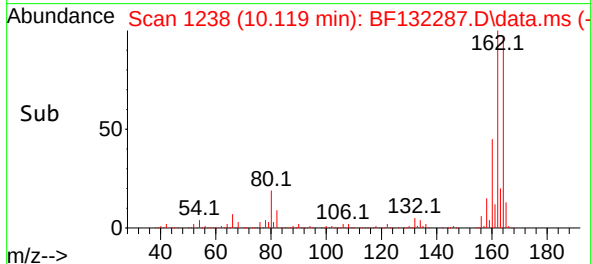
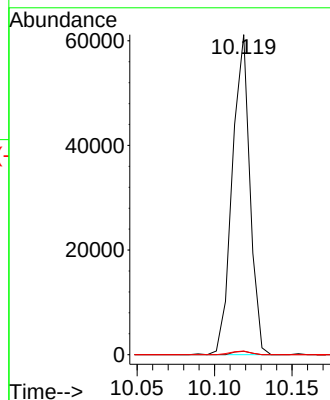
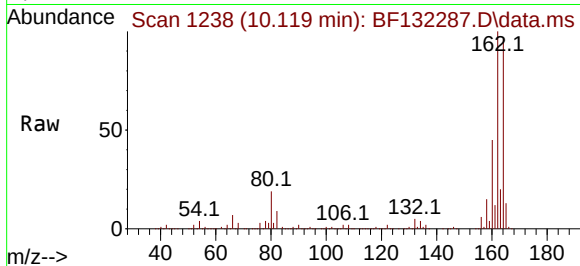




#51
2,6-Dinitrotoluene
Concen: 8.465 ng
RT: 10.119 min Scan# 1238
Delta R.T. 0.224 min
Lab File: BF132287.D
Acq: 02 Feb 2023 12:18

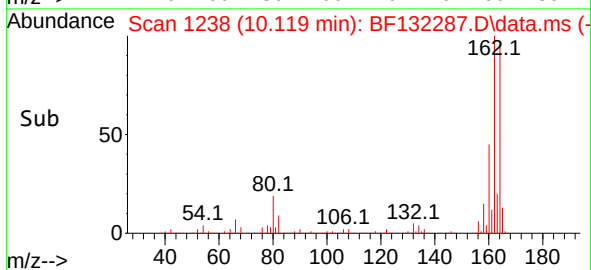
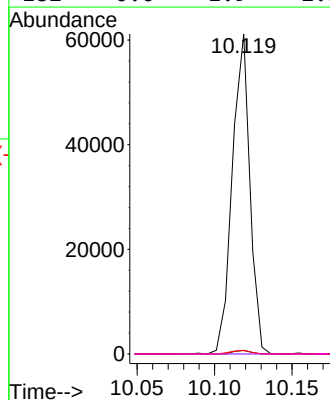
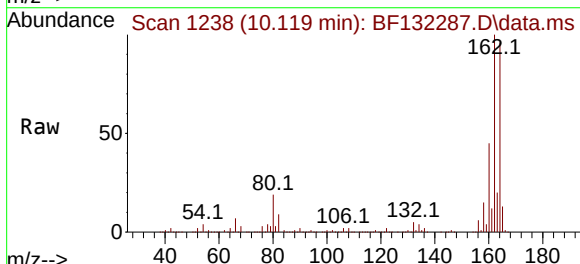
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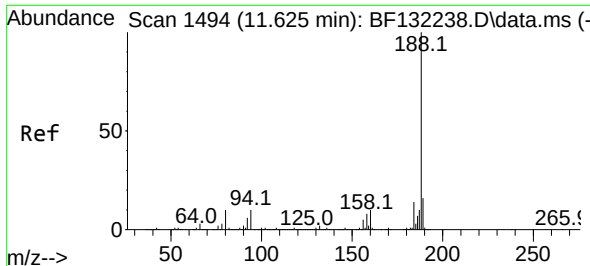
Tgt Ion:165 Resp: 48313
Ion Ratio Lower Upper
165 100
63 1.1 41.5 62.3#
89 1.2 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.517 ng
RT: 10.119 min Scan# 1238
Delta R.T. -0.182 min
Lab File: BF132287.D
Acq: 02 Feb 2023 12:18

Tgt Ion:165 Resp: 48313
Ion Ratio Lower Upper
165 100
63 1.1 30.9 46.3#
89 1.2 60.1 90.1#
182 0.0 1.9 2.9#

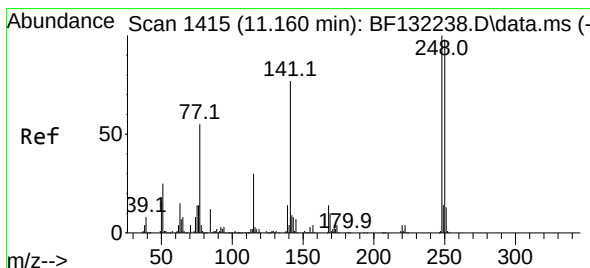
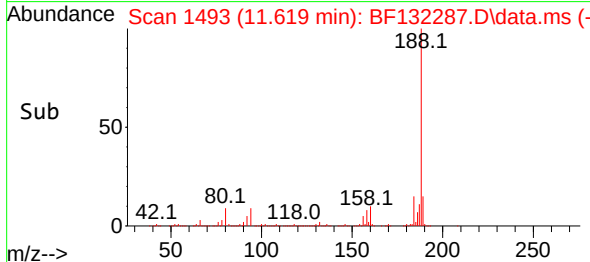
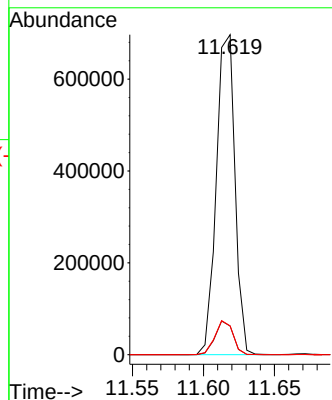
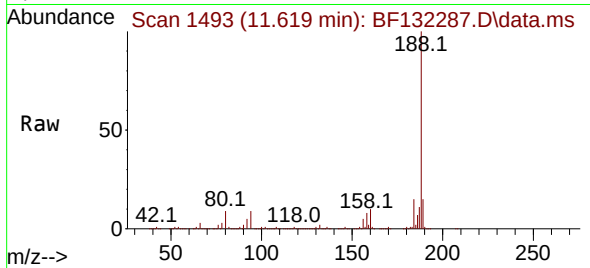




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.619 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF132287.D
Acq: 02 Feb 2023 12:18

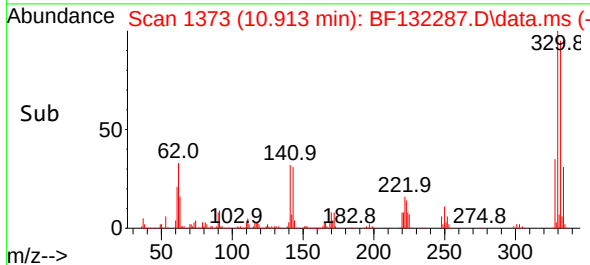
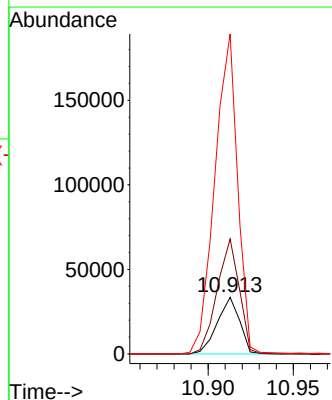
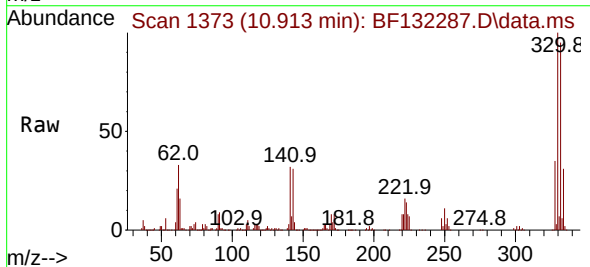
Instrument :
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ClientSampleId :
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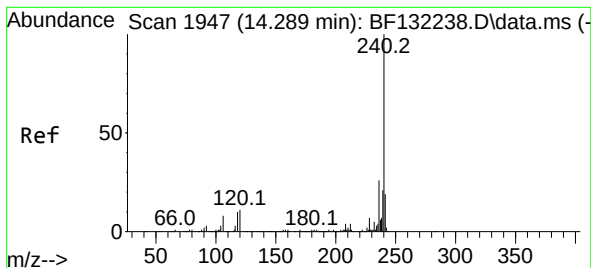
Tgt Ion:188 Resp: 636100
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.2
80 9.0 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 4.694 ng
RT: 10.913 min Scan# 1373
Delta R.T. -0.247 min
Lab File: BF132287.D
Acq: 02 Feb 2023 12:18

Tgt Ion:248 Resp: 30572
Ion Ratio Lower Upper
248 100
250 203.1 78.6 117.8#
141 564.6 61.6 92.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.277 min Scan# 1945

Delta R.T. -0.012 min

Lab File: BF132287.D

Acq: 02 Feb 2023 12:18

Instrument :

BNA_F

ClientSampleId :

JPP-11-012723

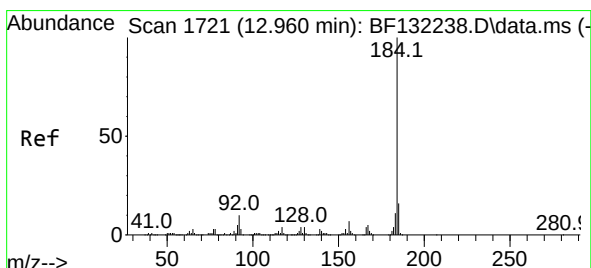
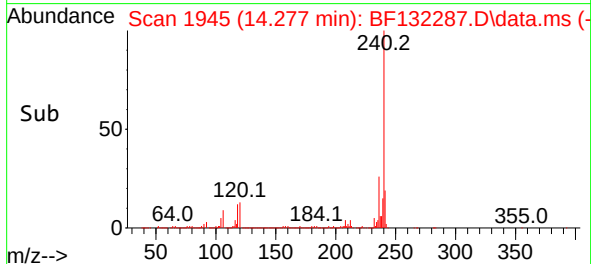
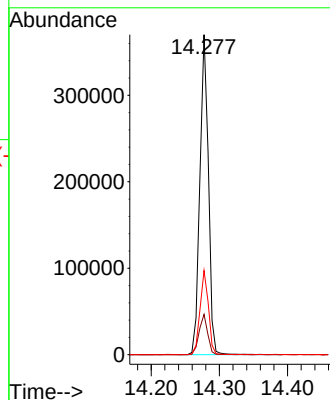
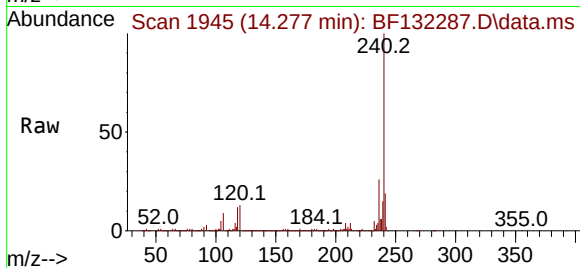
Tgt Ion:240 Resp: 321946

Ion Ratio Lower Upper

240 100

120 12.6 8.8 13.2

236 26.3 21.0 31.6



#77

Benzidine

Concen: 2.482 ng

RT: 13.213 min Scan# 1764

Delta R.T. 0.253 min

Lab File: BF132287.D

Acq: 02 Feb 2023 12:18

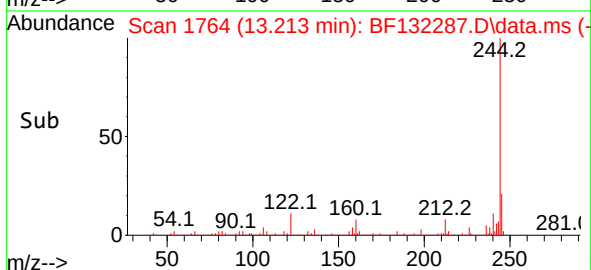
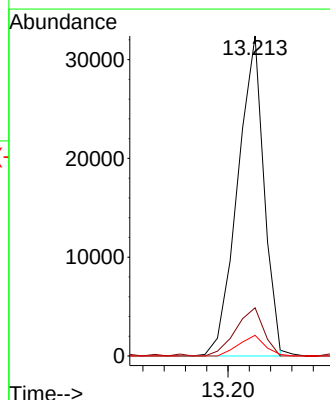
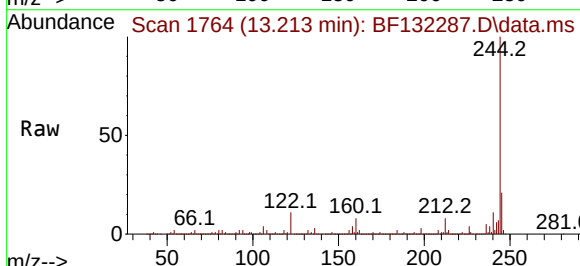
Tgt Ion:184 Resp: 27940

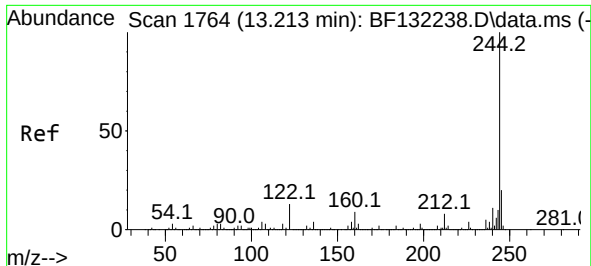
Ion Ratio Lower Upper

184 100

185 15.0 12.6 18.8

183 6.4 8.9 13.3#

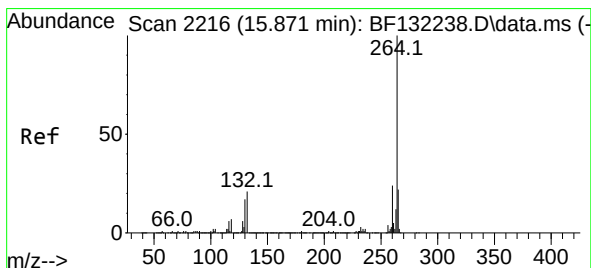
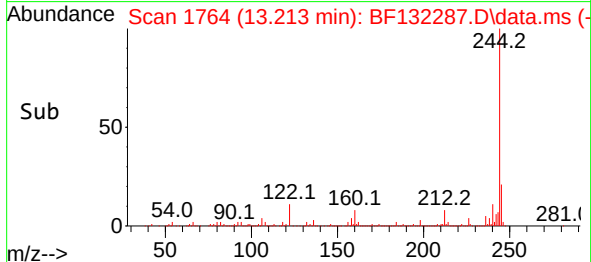
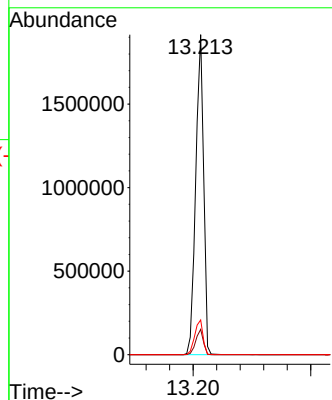
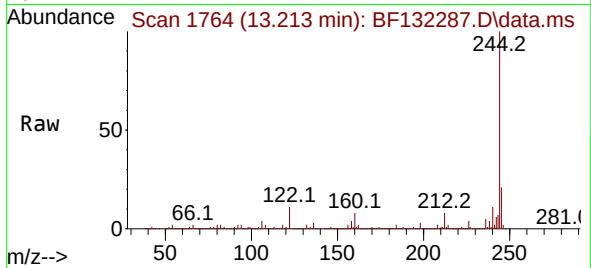




#79
 Terphenyl-d14
 Concen: 106.847 ng
 RT: 13.213 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF132287.D
 Acq: 02 Feb 2023 12:18

Instrument :
 BNA_F
 ClientSampleId :
 JPP-11-012723

Tgt Ion:244 Resp: 1778274
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.4 9.6
 122 10.8 10.5 15.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.865 min Scan# 2215
 Delta R.T. -0.006 min
 Lab File: BF132287.D
 Acq: 02 Feb 2023 12:18

Tgt Ion:264 Resp: 356601
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.4
 265 21.5 17.4 26.2

