

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
 Data File : BF123287.D
 Acq On : 23 Feb 2021 18:35
 Operator : JU/CG
 Sample : M1454-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1

Quant Time: Feb 23 23:54:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

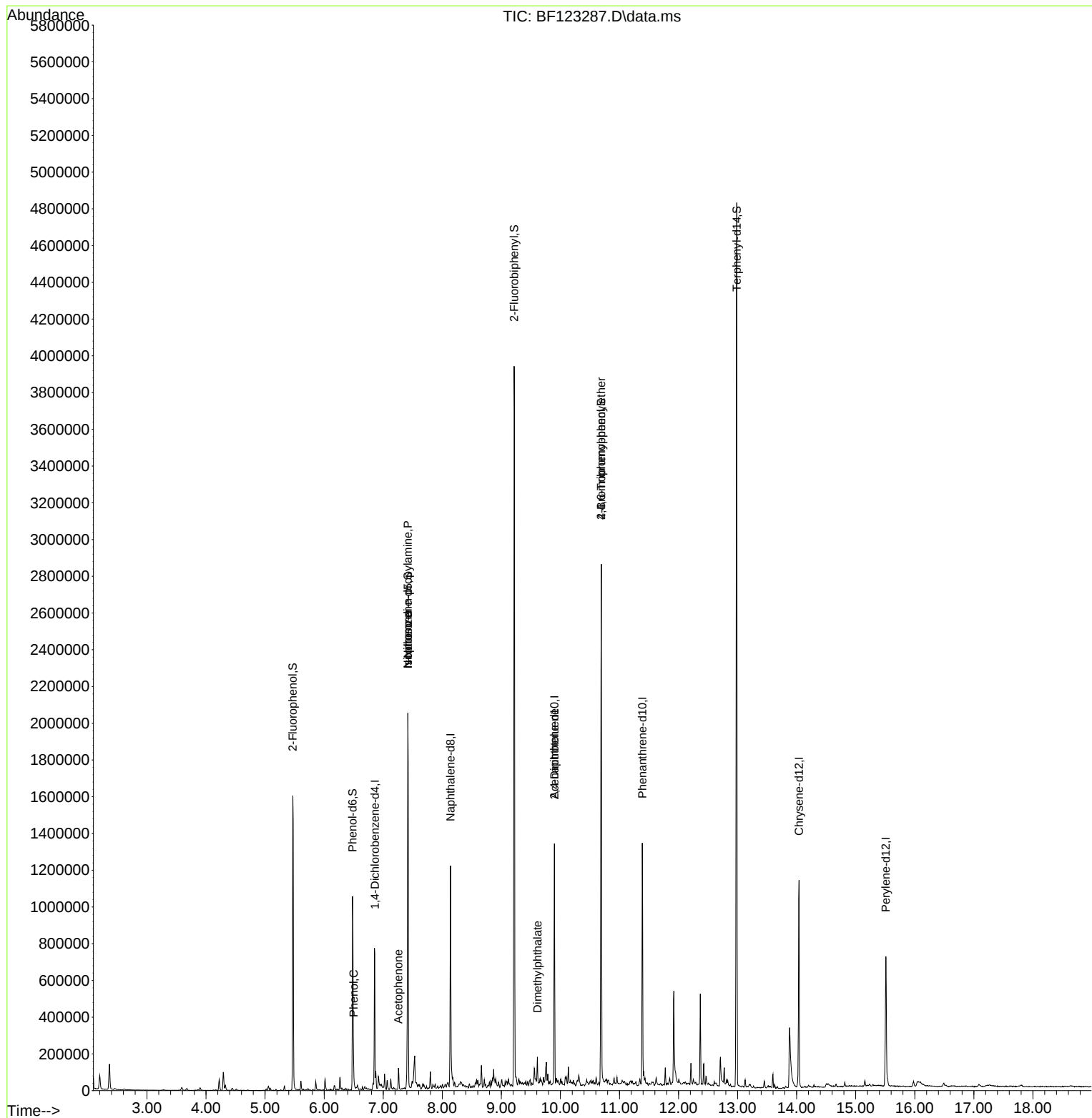
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	102304	20.00	ng	0.00
21) Naphthalene-d8	8.140	136	422969	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	224694	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	432371	20.00	ng	0.00
76) Chrysene-d12	14.039	240	366830	20.00	ng	0.00
86) Perylene-d12	15.510	264	307246	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	419693	59.05	ng	0.00
7) Phenol-d6	6.481	99	331908	34.37	ng	-0.01
23) Nitrobenzene-d5	7.416	82	666401	72.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	294079	128.53	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1120690	71.64	ng	0.00
79) Terphenyl-d14	12.986	244	1466579	76.88	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.457	77	109	Below Cal	#	1
10) Phenol	6.498	94	31021	2.95	ng	98
19) n-Nitroso-di-n-propyla...	7.416	70	95140	16.56	ng	# 80
22) Acetophenone	7.257	105	24385	2.22	ng	# 93
25) Isophorone	7.416	82	661395	38.28	ng	# 65
50) Dimethylphthalate	9.610	163	42864	2.55	ng	# 99
57) 2,4-Dinitrotoluene	9.898	165	29198	5.61	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	22522	4.78	ng	# 1

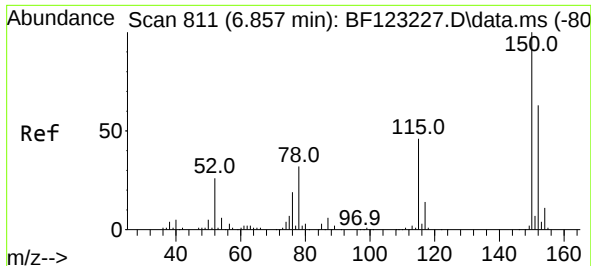
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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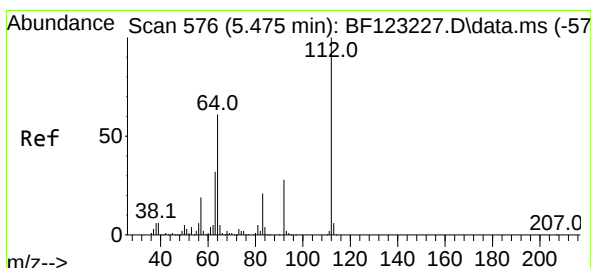
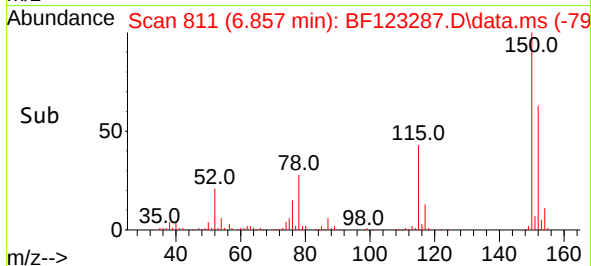
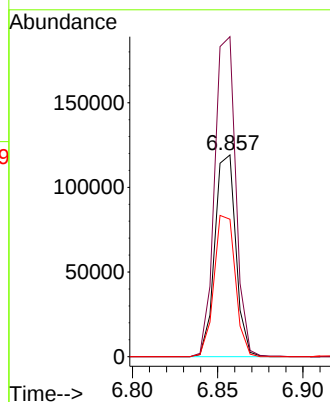
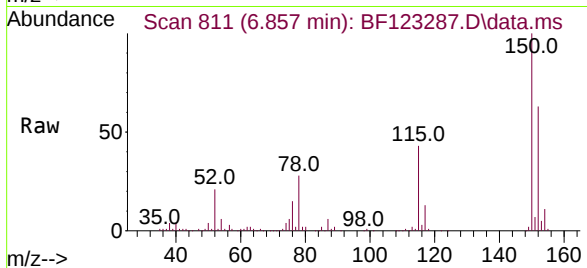




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

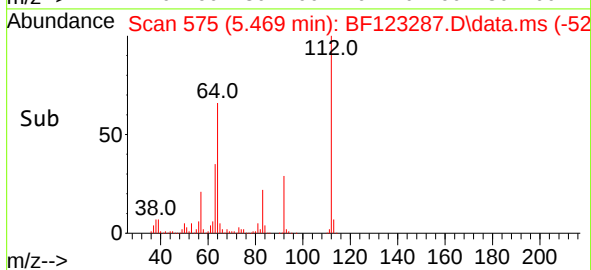
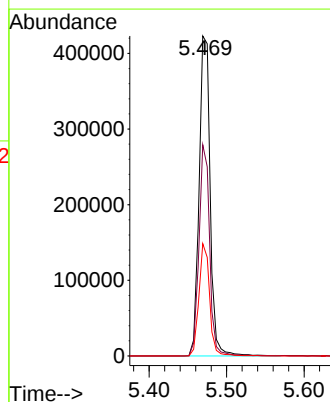
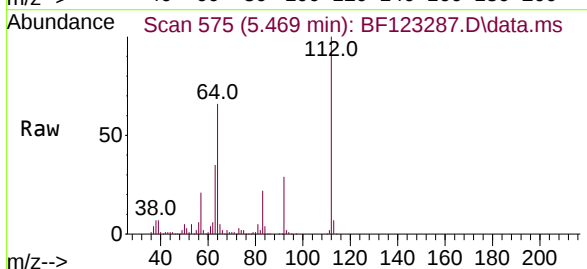
Instrument :
BNA_F
ClientSampleId :
S-1

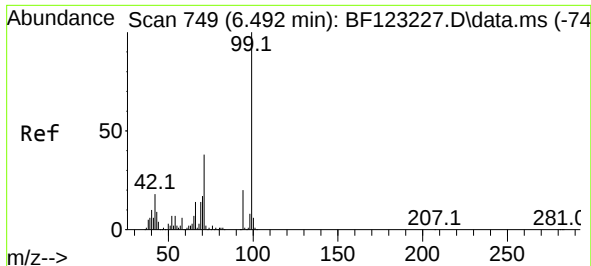
Tgt Ion:152 Resp: 102304
Ion Ratio Lower Upper
152 100
150 158.6 125.8 188.6
115 68.1 49.3 73.9



#5
2-Fluorophenol
Concen: 59.05 ng
RT: 5.469 min Scan# 575
Delta R.T. -0.006 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

Tgt Ion:112 Resp: 419693
Ion Ratio Lower Upper
112 100
64 66.0 46.9 70.3
63 35.1 24.5 36.7

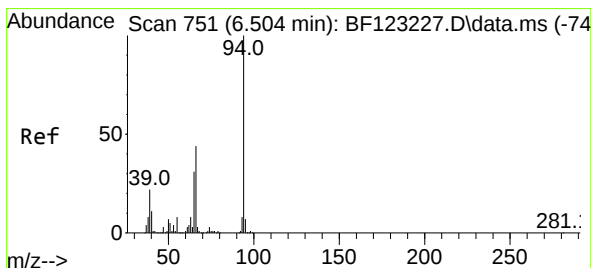
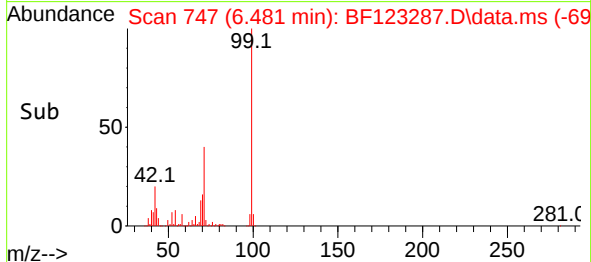
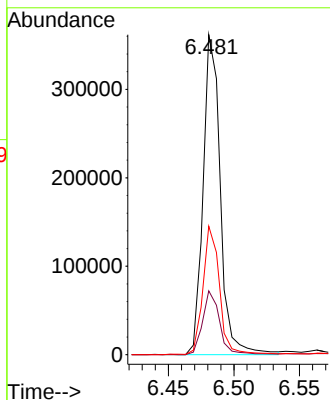
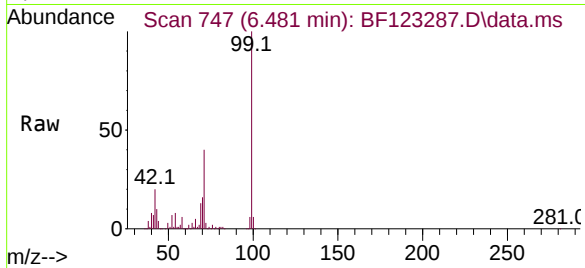




#7
Phenol-d6
Concen: 34.37 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

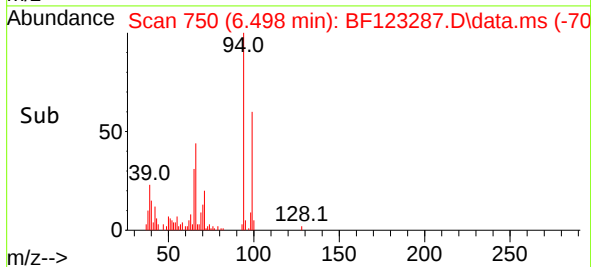
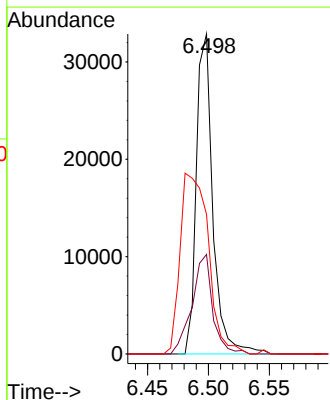
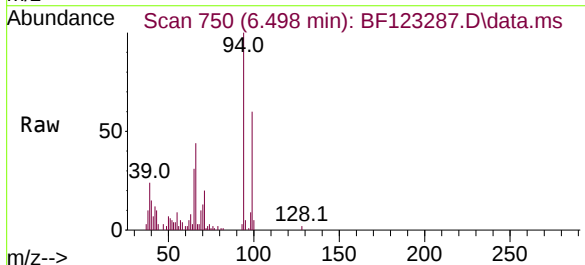
Instrument :
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ClientSampleId :
S-1

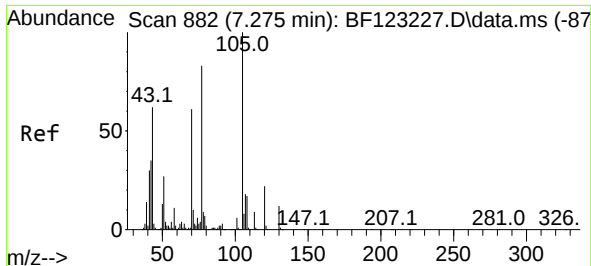
Tgt Ion: 99 Resp: 331908
Ion Ratio Lower Upper
99 100
42 20.0 13.8 20.6
71 40.1 26.9 40.3



#10
Phenol
Concen: 2.95 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.006 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

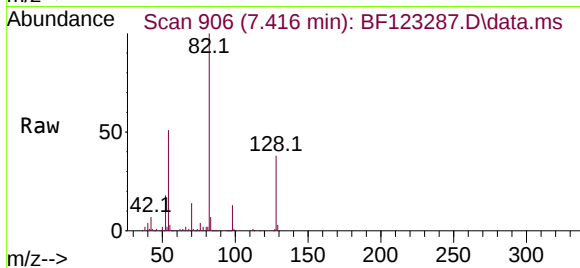
Tgt Ion: 94 Resp: 31021
Ion Ratio Lower Upper
94 100
65 31.1 11.2 51.2
66 43.7 25.8 65.8



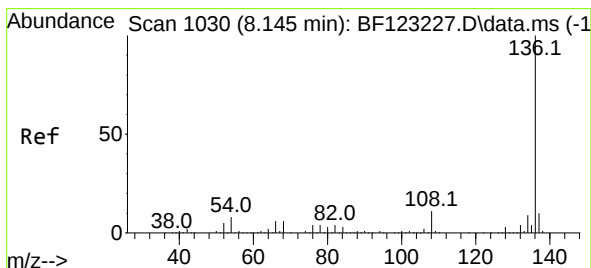
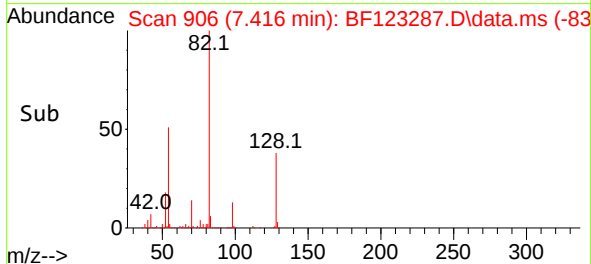
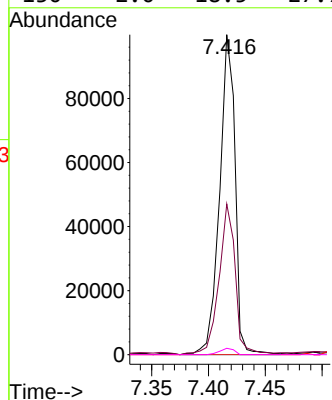


#19
n-Nitroso-di-n-propylamine
Concen: 16.56 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

Instrument :
BNA_F
ClientSampled :
S-1

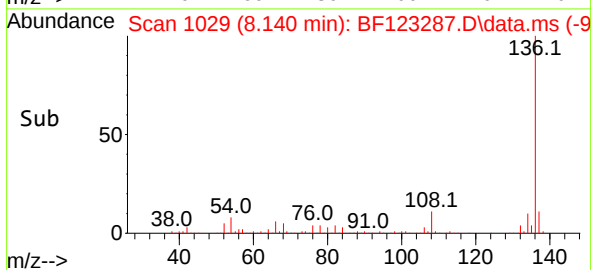
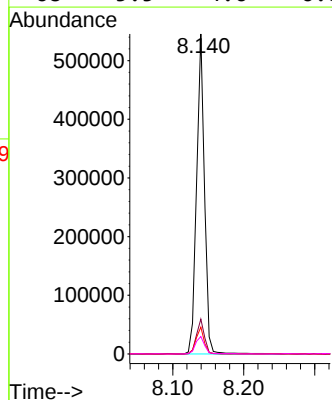
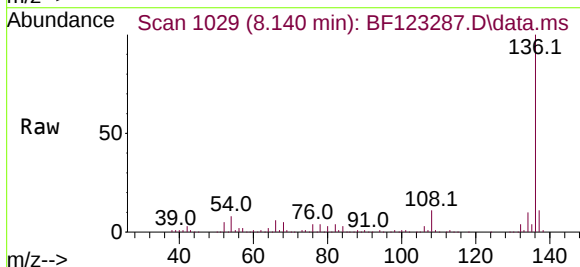


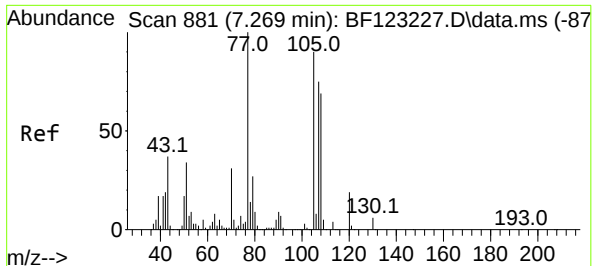
Tgt Ion: 70 Resp: 95140
Ion Ratio Lower Upper
70 100
42 47.1 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

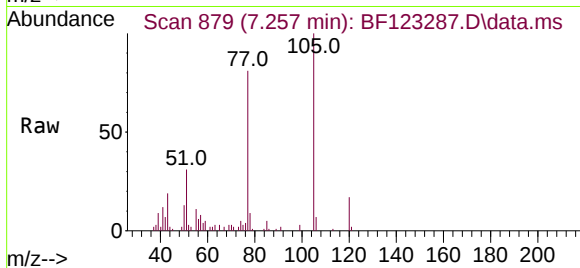
Tgt Ion: 136 Resp: 422969
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.4 5.5 8.3#
68 5.5 4.6 6.8



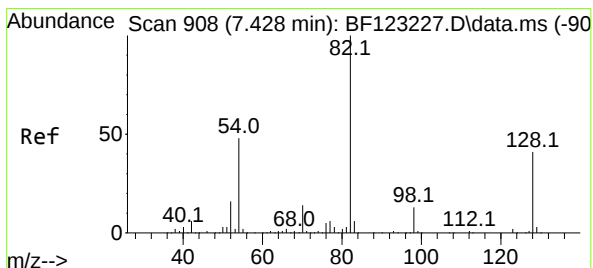
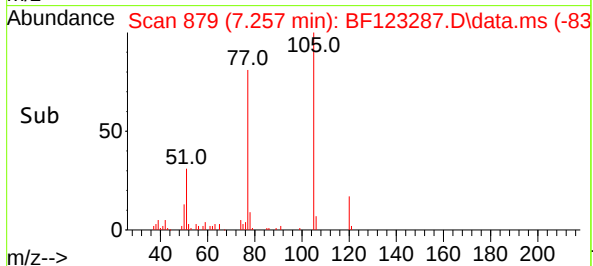
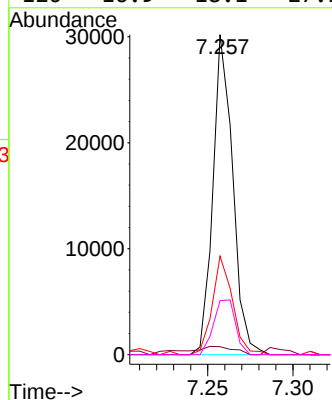


#22
Acetophenone
Concen: 2.22 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.012 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

Instrument :
BNA_F
ClientSampled :
S-1

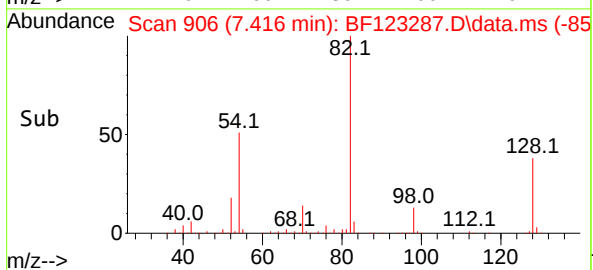
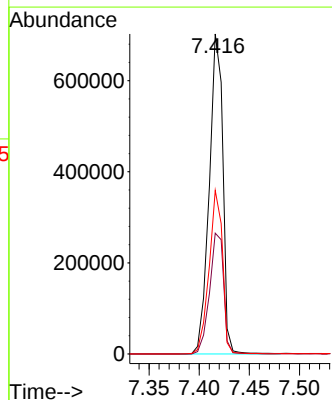
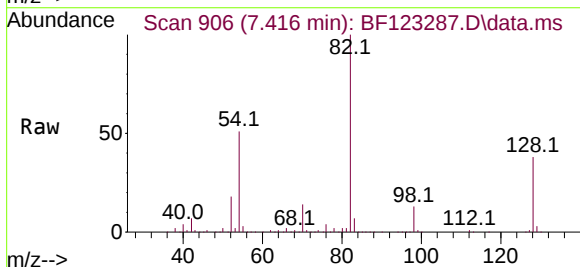


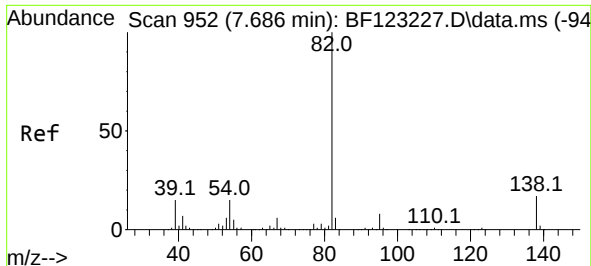
Tgt Ion:	105	Resp:	24385
Ion Ratio	Lower	Upper	
105	100		
71	2.5	6.5	9.7#
51	30.8	24.3	36.5
120	16.9	18.1	27.1#



#23
Nitrobenzene-d5
Concen: 72.12 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

Tgt Ion:	82	Resp:	666401
Ion Ratio	Lower	Upper	
82	100		
128	37.8	37.0	55.4
54	51.1	38.4	57.6

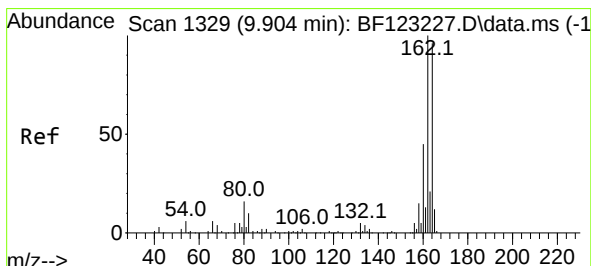
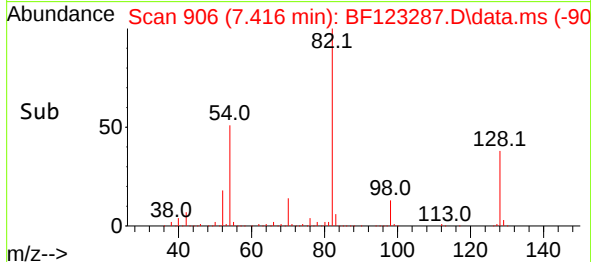
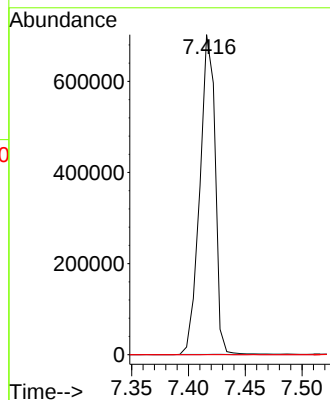
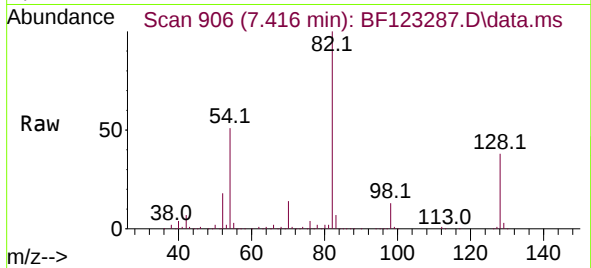




#25
Isophorone
Concen: 38.28 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.270 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

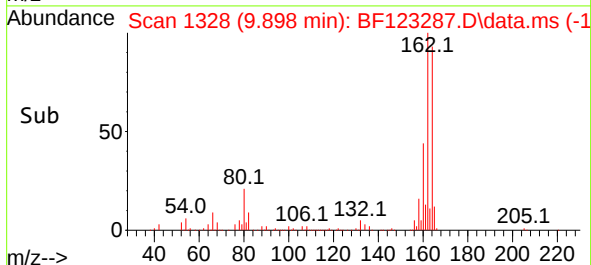
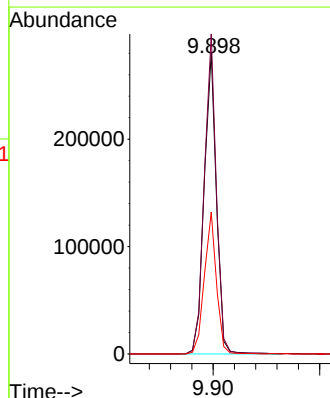
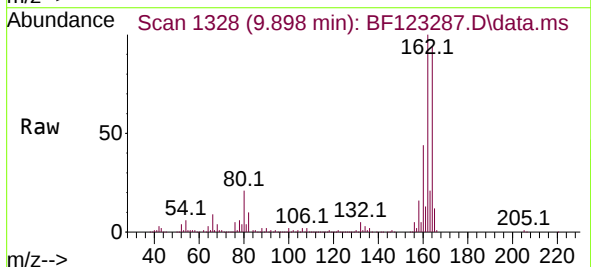
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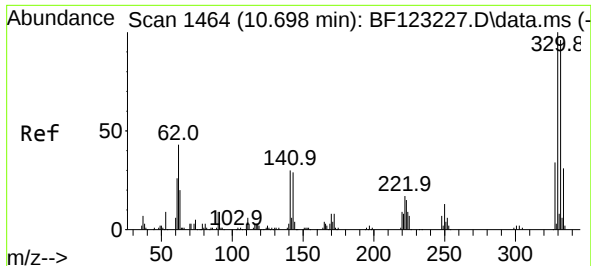
Tgt Ion: 82 Resp: 661395
Ion Ratio Lower Upper
82 100
95 0.1 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

Tgt Ion: 164 Resp: 224694
Ion Ratio Lower Upper
164 100
162 106.1 80.8 121.2
160 47.0 35.4 53.0

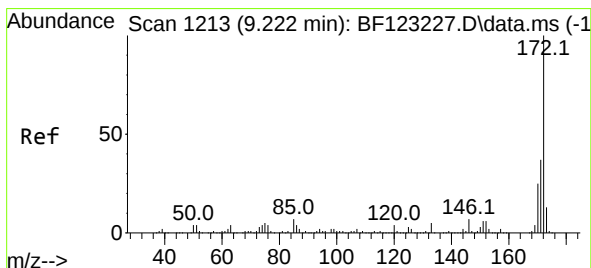
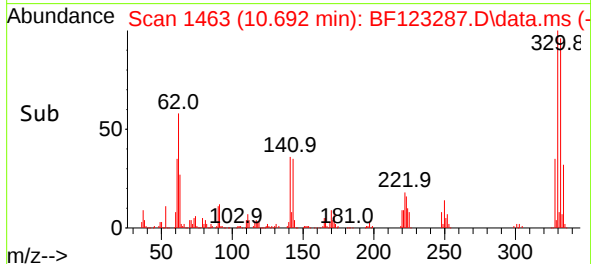
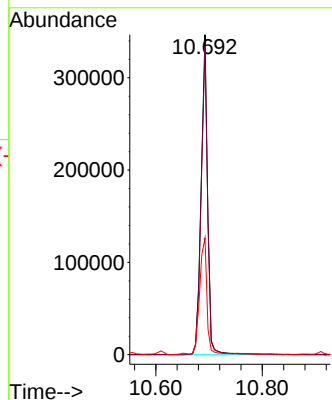
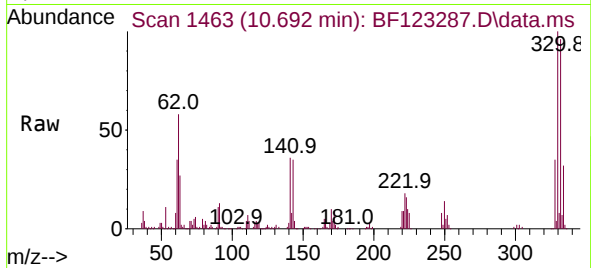




#42
2,4,6-Tribromophenol
Concen: 128.53 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

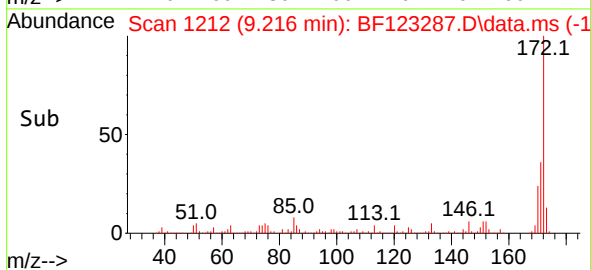
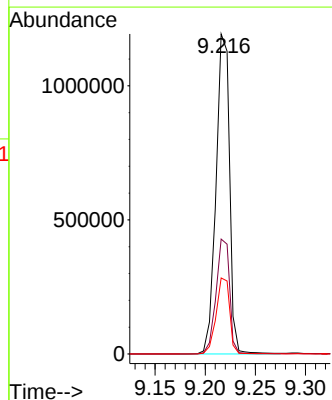
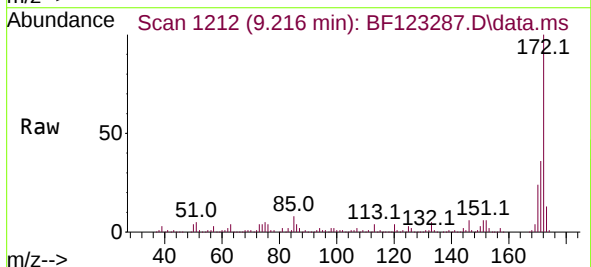
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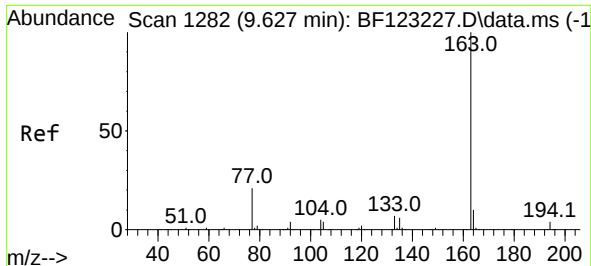
Tgt Ion: 330 Resp: 294079
Ion Ratio Lower Upper
330 100
332 96.2 77.5 116.3
141 40.1 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 71.64 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123287.D
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Tgt Ion: 172 Resp: 1120690
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.8 19.5 29.3

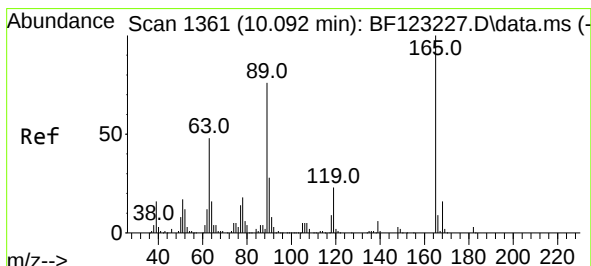
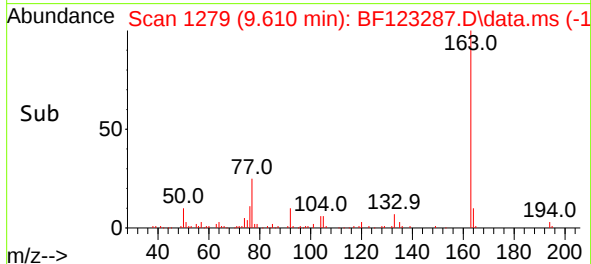
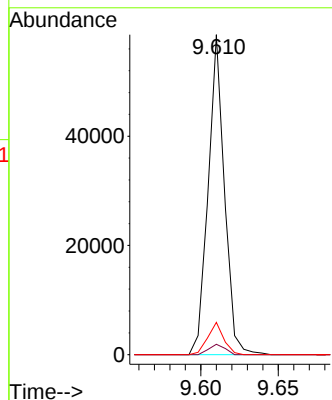
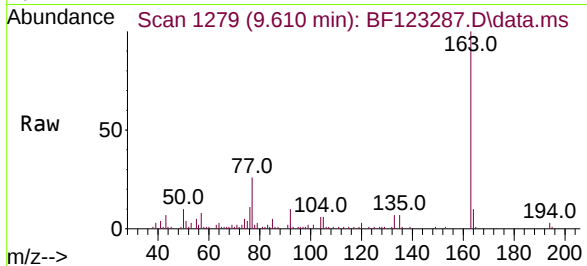




#50
Dimethylphthalate
Concen: 2.55 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

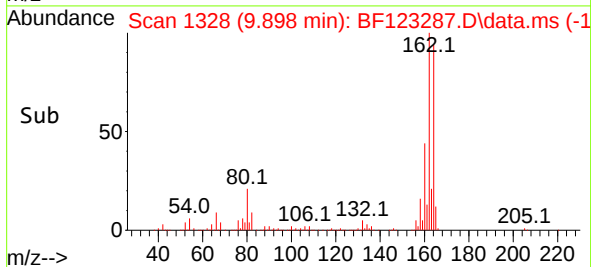
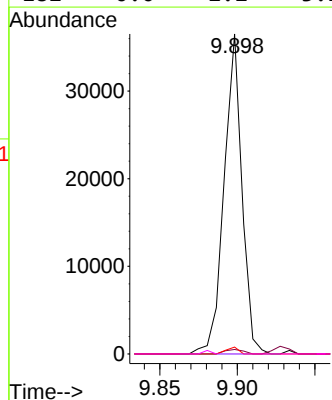
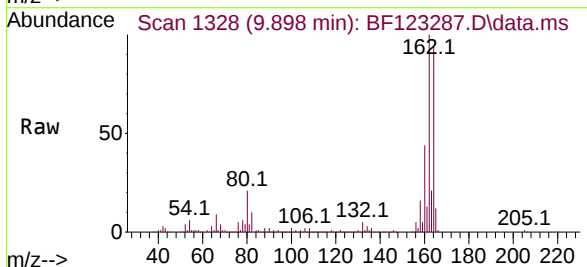
Instrument :
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ClientSampleId :
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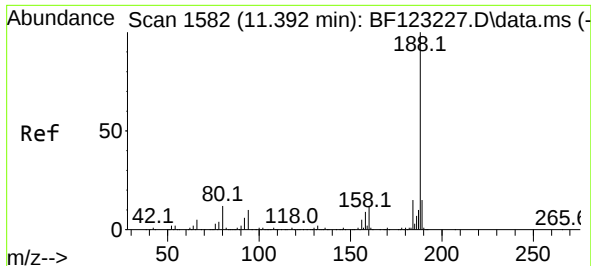
Tgt Ion:163 Resp: 42864
Ion Ratio Lower Upper
163 100
194 3.2 3.4 5.0#
164 10.1 8.1 12.1



#57
2,4-Dinitrotoluene
Concen: 5.61 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

Tgt Ion:165 Resp: 29198
Ion Ratio Lower Upper
165 100
63 1.4 34.3 51.5#
89 2.2 55.2 82.8#
182 0.0 2.2 3.2#

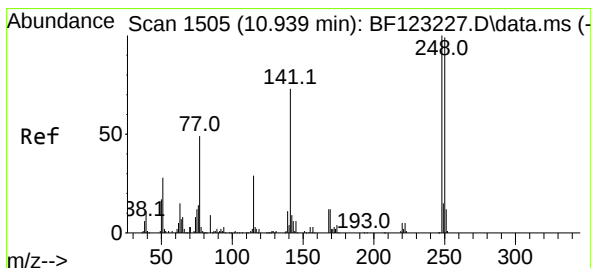
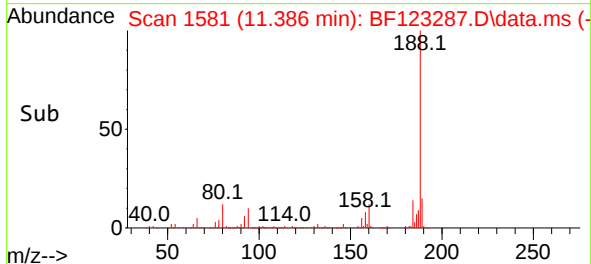
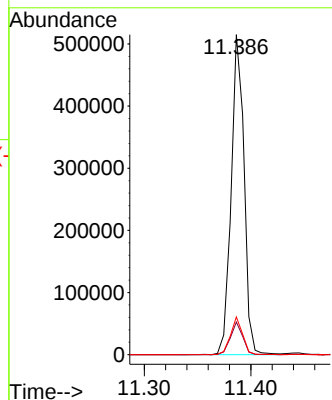
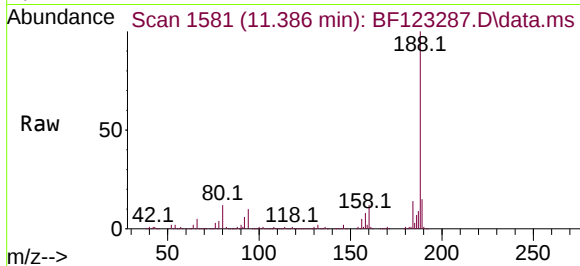




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

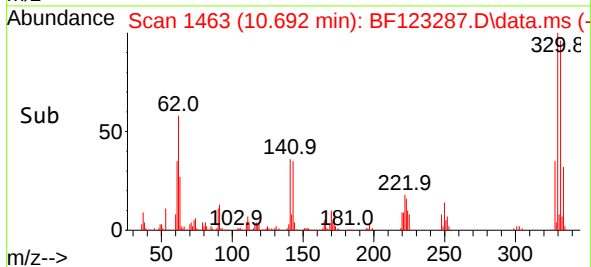
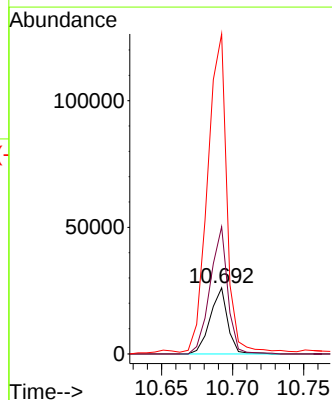
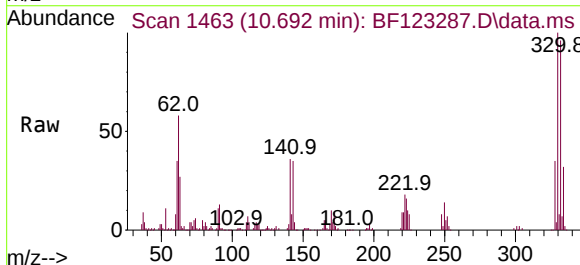
Instrument :
BNA_F
ClientSampleId :
S-1

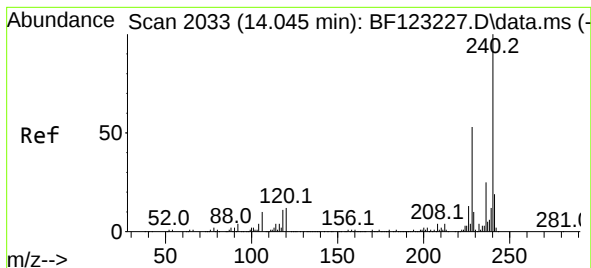
Tgt Ion:188	Resp: 432371
Ion Ratio	Lower Upper
188	100
94	10.2 7.4 11.2
80	11.8 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.78 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

Tgt Ion:248	Resp: 22522
Ion Ratio	Lower Upper
248	100
250	192.7 76.8 115.2#
141	484.7 59.8 89.8#

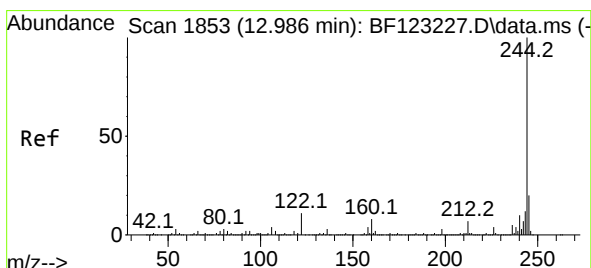
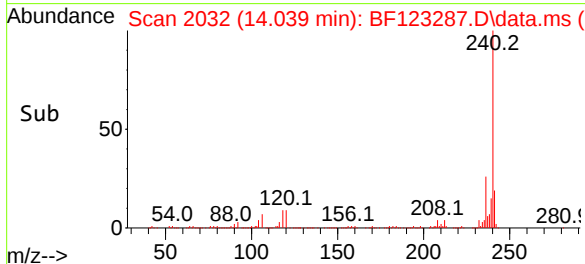
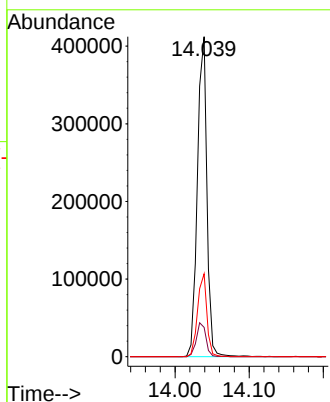
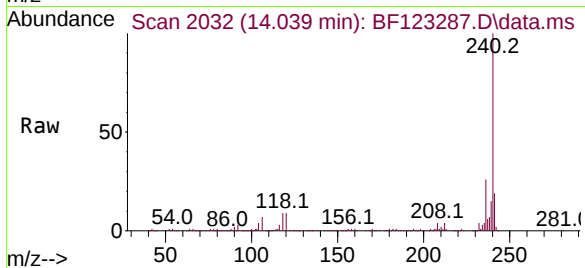




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

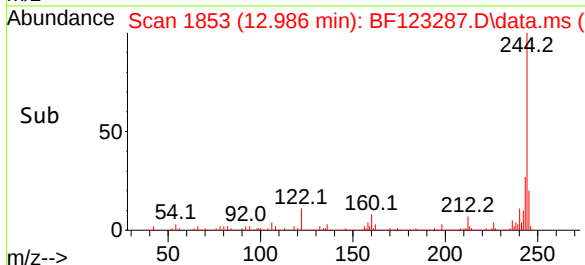
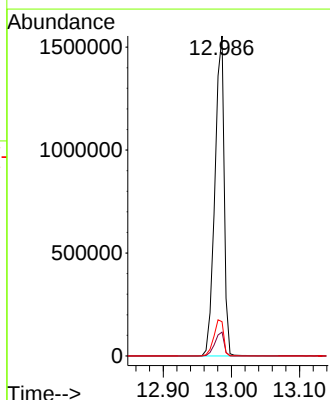
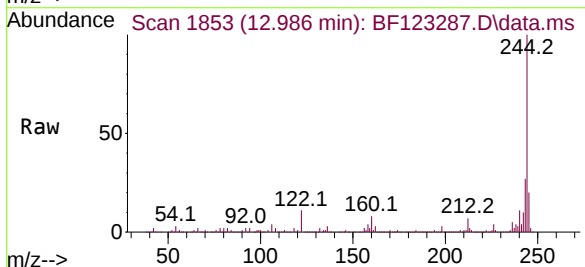
Instrument :
BNA_F
ClientSampleId :
S-1

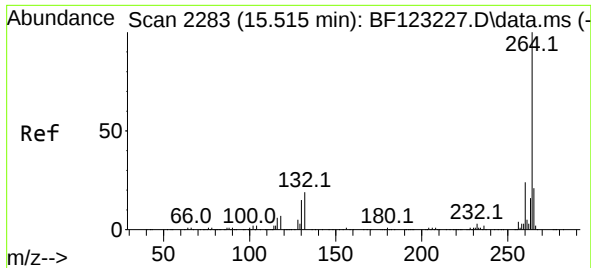
Tgt Ion:240 Resp: 366830
Ion Ratio Lower Upper
240 100
120 9.2 8.6 12.8
236 25.9 20.3 30.5



#79
Terphenyl-d14
Concen: 76.88 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

Tgt Ion:244 Resp: 1466579
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 10.7 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.510 min Scan# 2282
Delta R.T. -0.006 min
Lab File: BF123287.D
Acq: 23 Feb 2021 18:35

Instrument :
BNA_F
ClientSampleId :
S-1

Tgt Ion:264 Resp: 307246

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	21.8	17.0	25.6

