

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022321\
 Data File : BF123275.D
 Acq On : 23 Feb 2021 11:45
 Operator : JU/CG
 Sample : M1452-28RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Quant Time: Feb 23 12:16:41 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)

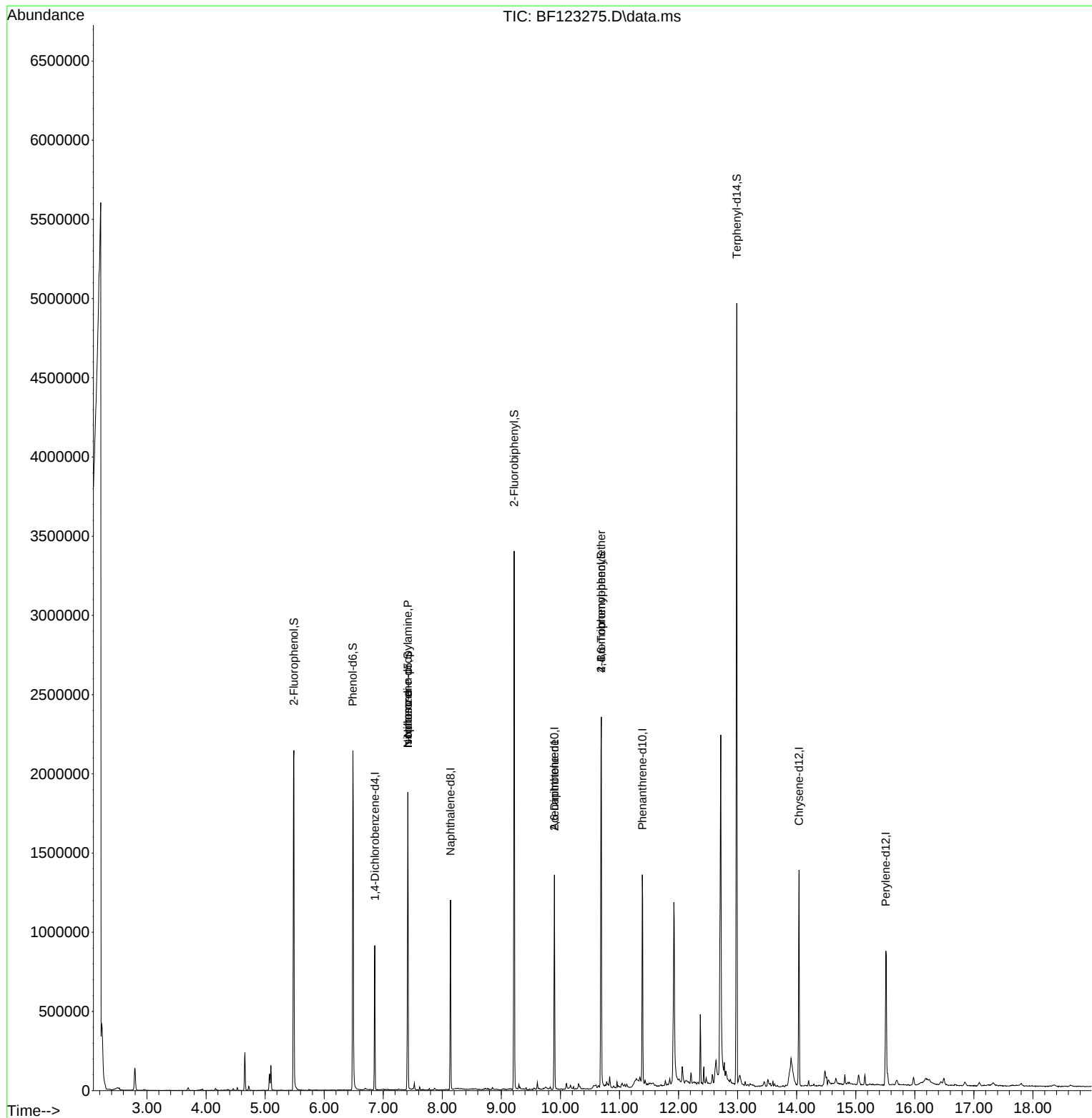
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	111473	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	457381	20.00	ng	# 0.00
39) Acenaphthene-d10	9.898	164	242329	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	459704	20.00	ng	0.00
76) Chrysene-d12	14.039	240	419947	20.00	ng	0.00
86) Perylene-d12	15.509	264	387501	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	589388	76.11	ng	0.01
7) Phenol-d6	6.487	99	728425	69.23	ng	0.00
23) Nitrobenzene-d5	7.416	82	568196	56.87	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	257077	104.18	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	927780	55.00	ng	0.00
79) Terphenyl-d14	12.986	244	1446016	66.21	ng	0.00
Target Compounds						
9) Benzaldehyde	6.404	77	151	Below Cal	#	48
19) n-Nitroso-di-n-propyla...	7.416	70	79034	12.63	ng	# 79
25) Isophorone	7.416	82	564016	30.19	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	31956	7.65	ng	# 31
67) 4-Bromophenyl-phenylether	10.692	248	18889	3.77	ng	# 1

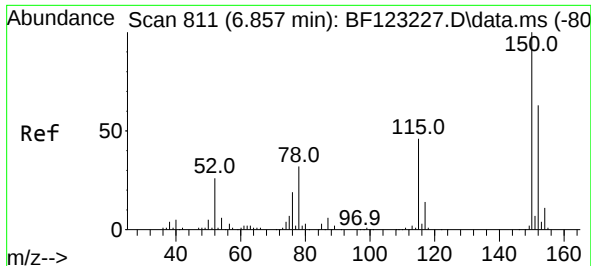
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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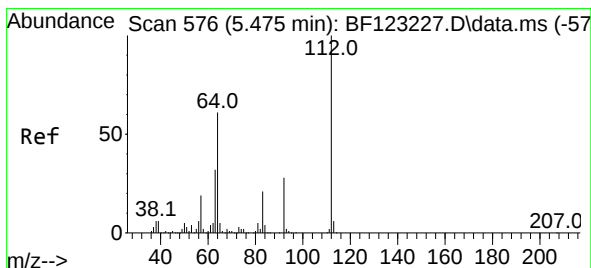
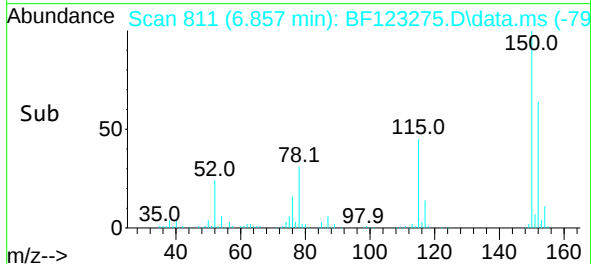
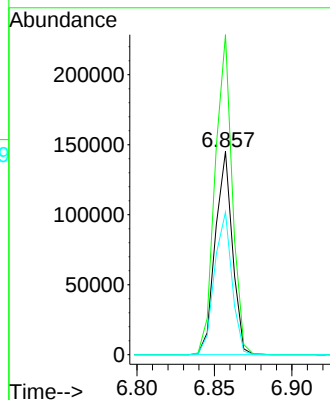
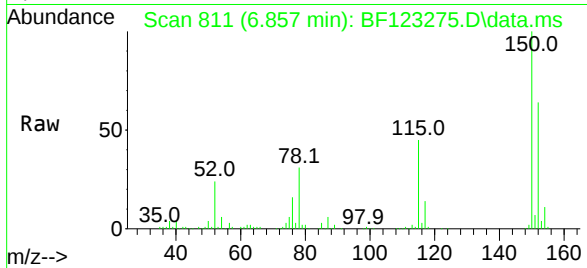




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

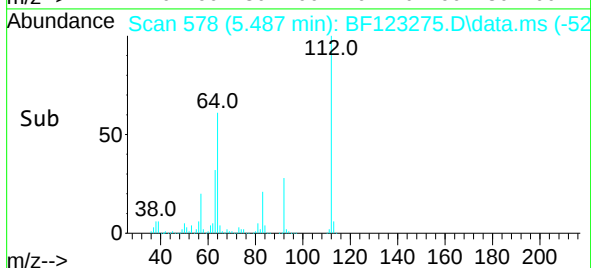
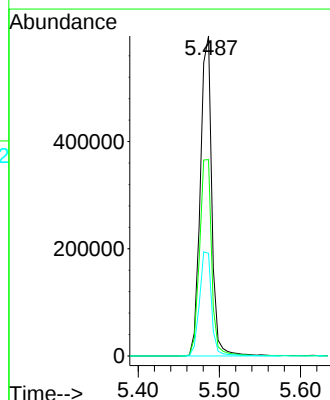
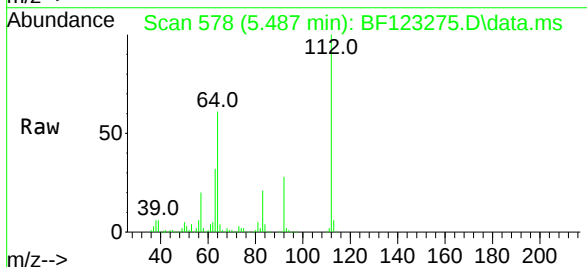
Instrument :
BNA_F
ClientSampleId :
TP-7

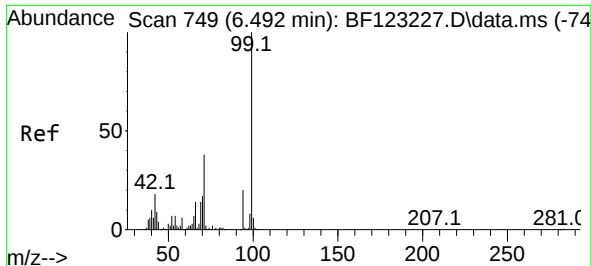
Tgt Ion:152 Resp: 111473
Ion Ratio Lower Upper
152 100
150 157.4 125.8 188.6
115 70.1 49.3 73.9



#5
2-Fluorophenol
Concen: 76.11 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

Tgt Ion:112 Resp: 589388
Ion Ratio Lower Upper
112 100
64 61.4 46.9 70.3
63 32.1 24.5 36.7

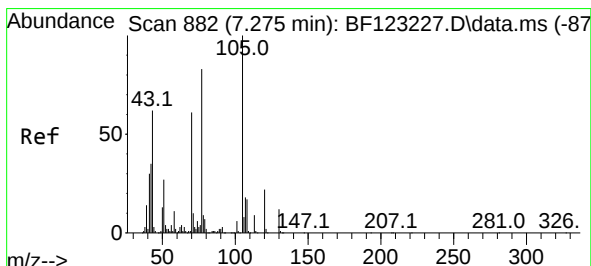
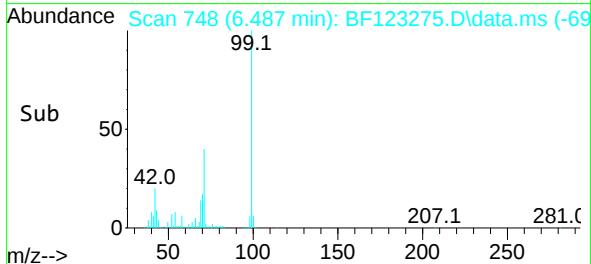
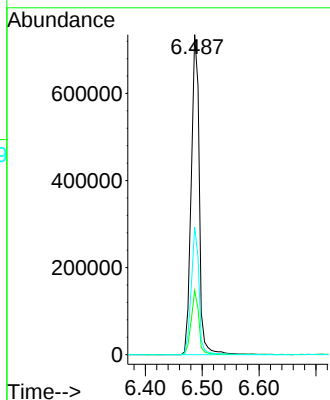
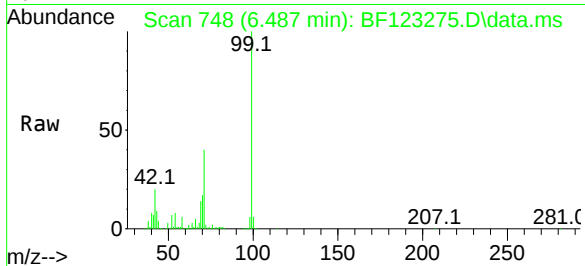




#7
Phenol-d6
Concen: 69.23 ng
RT: 6.487 min Scan# 748
Delta R.T. -0.006 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

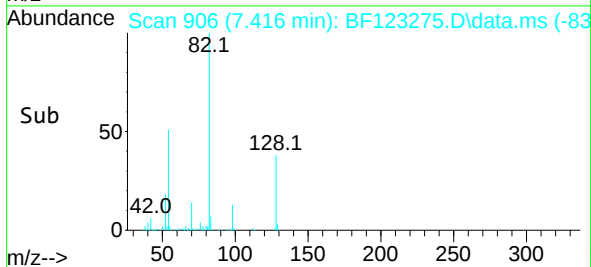
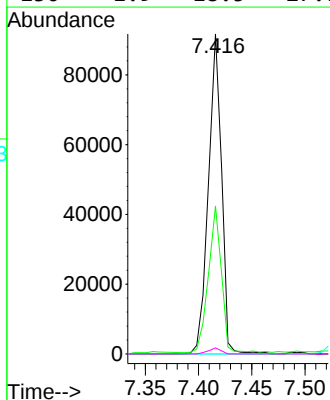
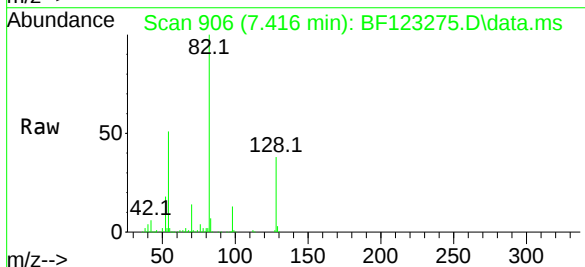
Instrument :
BNA_F
ClientSampleId :
TP-7

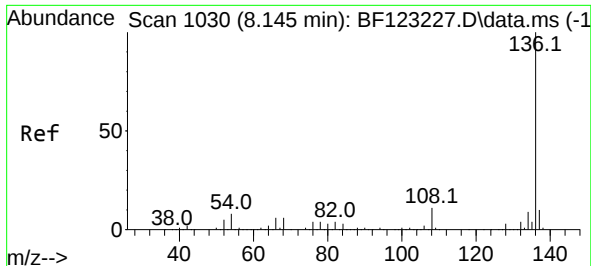
Tgt Ion: 99 Resp: 728425
Ion Ratio Lower Upper
99 100
42 20.1 13.8 20.6
71 39.9 26.9 40.3



#19
n-Nitroso-di-n-propylamine
Concen: 12.63 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

Tgt Ion: 70 Resp: 79034
Ion Ratio Lower Upper
70 100
42 46.3 43.0 64.4
101 0.0 7.9 11.9#
130 1.9 18.5 27.7#



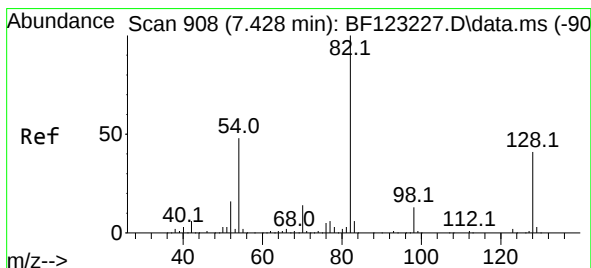
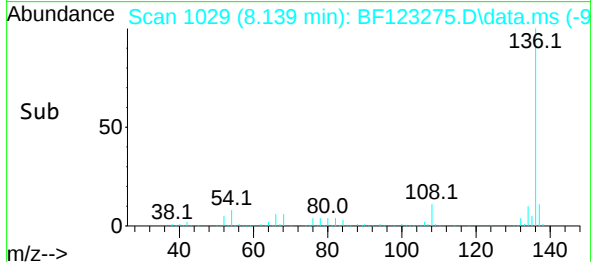
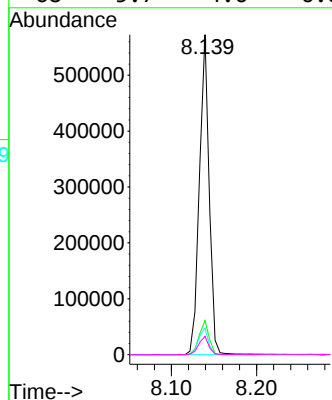
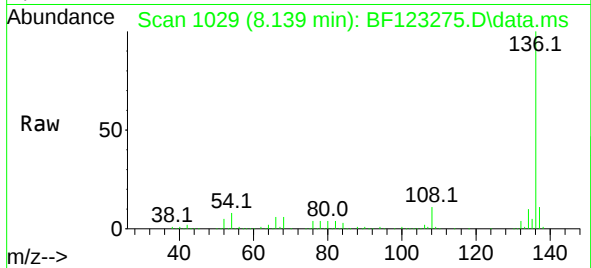


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

Instrument :
BNA_F
ClientSampleId :
TP-7

Tgt Ion:136 Resp: 457381

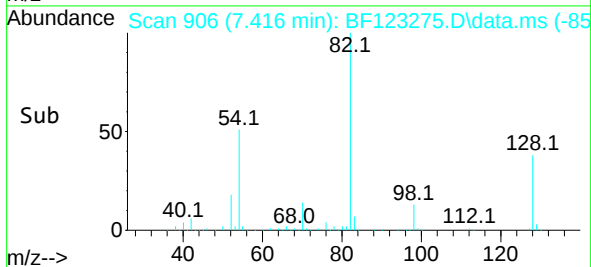
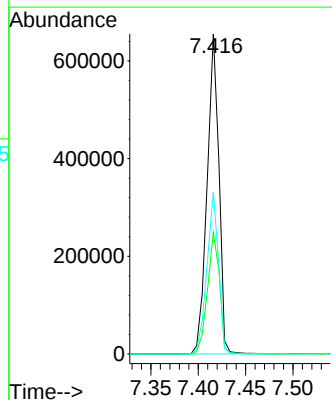
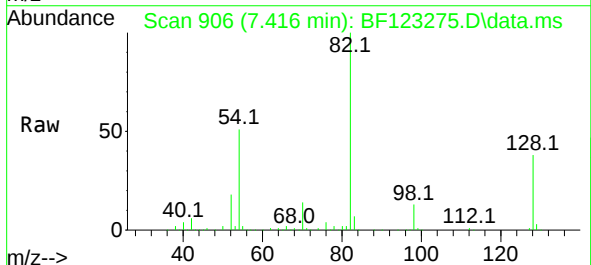
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.3	5.5	8.3#
68	5.7	4.6	6.8

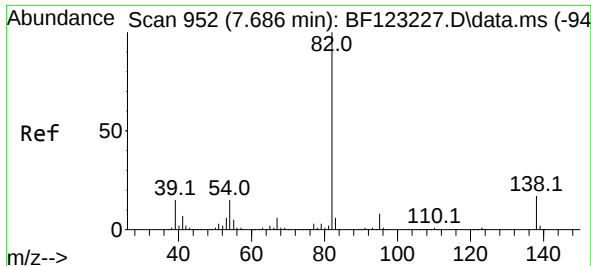


#23
Nitrobenzene-d5
Concen: 56.87 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

Tgt Ion: 82 Resp: 568196

Ion	Ratio	Lower	Upper
82	100		
128	37.9	37.0	55.4
54	50.5	38.4	57.6

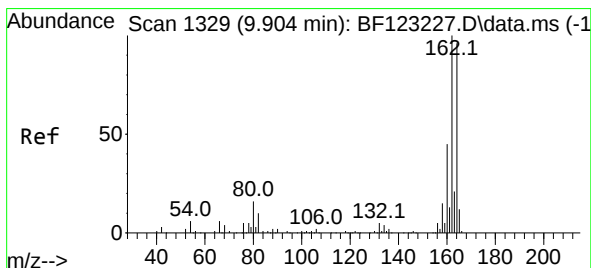
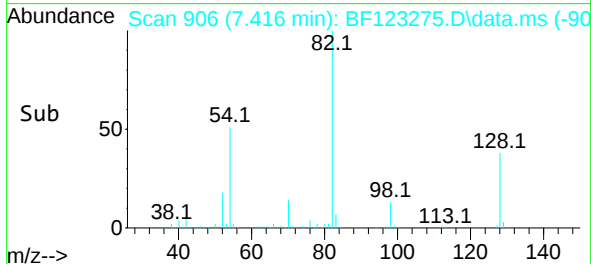
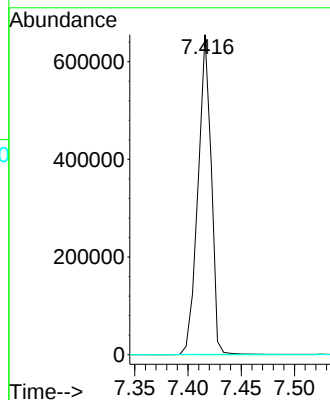
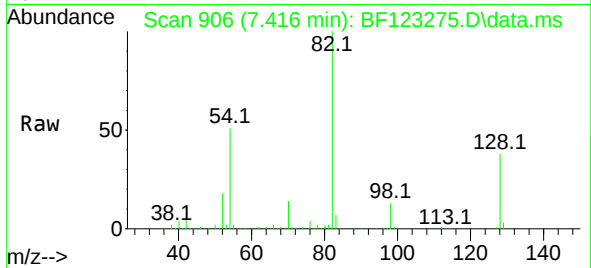




#25
Isophorone
Concen: 30.19 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

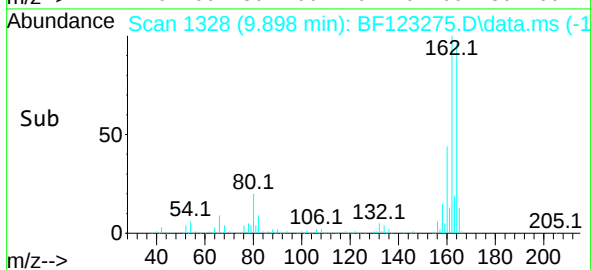
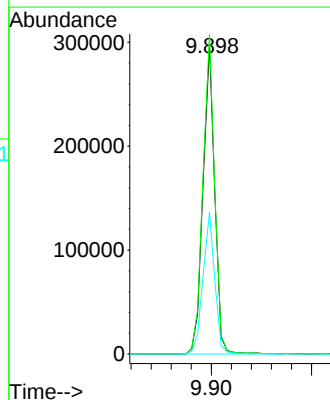
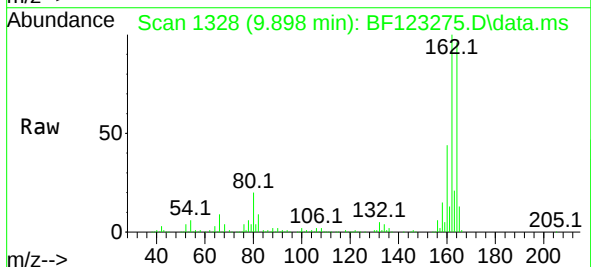
Instrument :
BNA_F
ClientSampleId :
TP-7

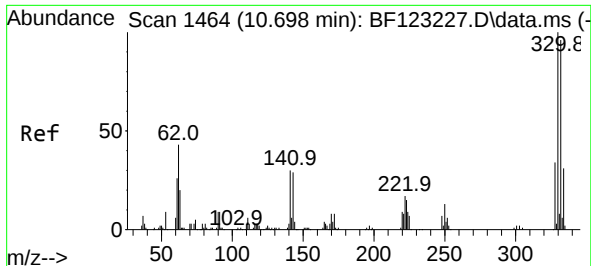
Tgt Ion: 82 Resp: 564016
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

Tgt Ion: 164 Resp: 242329
Ion Ratio Lower Upper
164 100
162 103.7 80.8 121.2
160 45.9 35.4 53.0

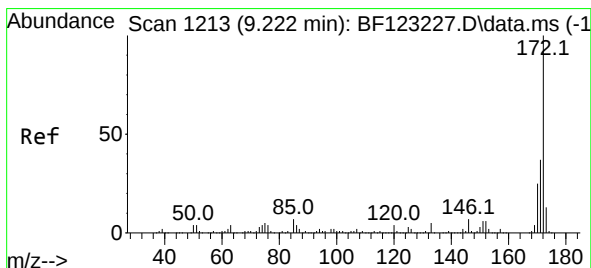
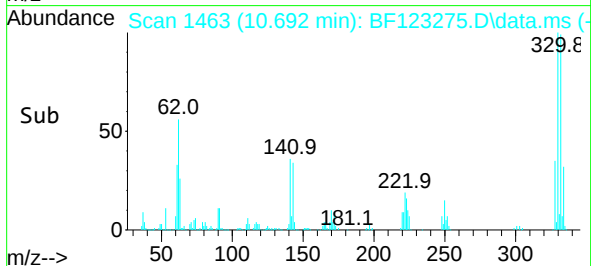
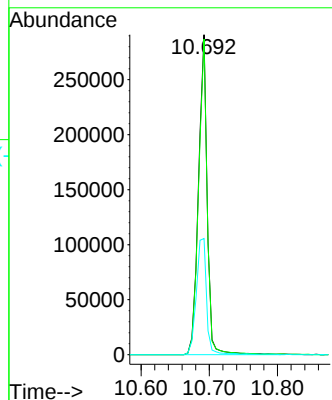
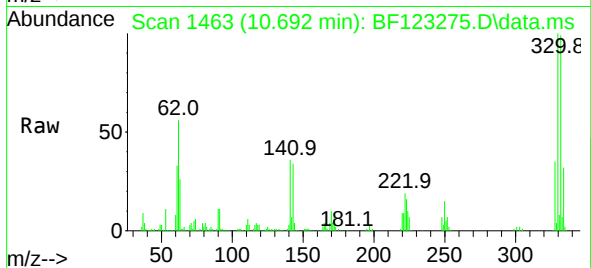




#42
2,4,6-Tribromophenol
Concen: 104.18 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

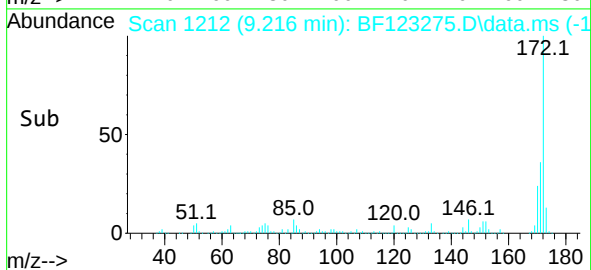
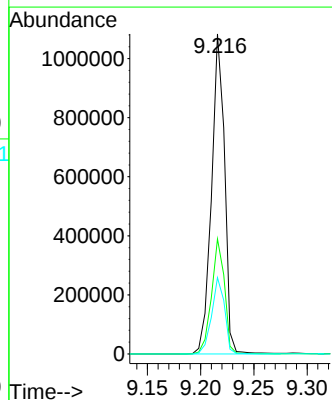
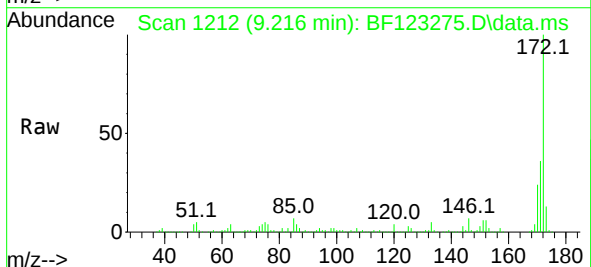
Instrument :
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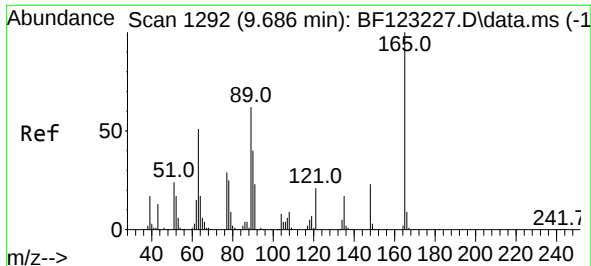
Tgt Ion: 330 Resp: 257077
Ion Ratio Lower Upper
330 100
332 97.4 77.5 116.3
141 42.6 23.8 35.8#



#45
2-Fluorobiphenyl
Concen: 55.00 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

Tgt Ion: 172 Resp: 927780
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.8 19.5 29.3

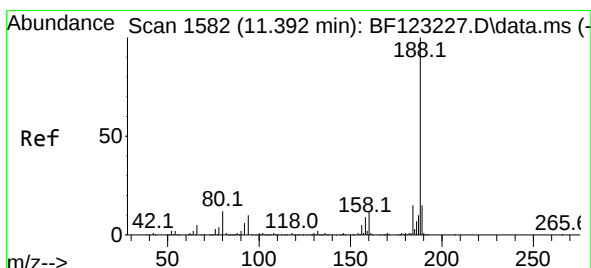
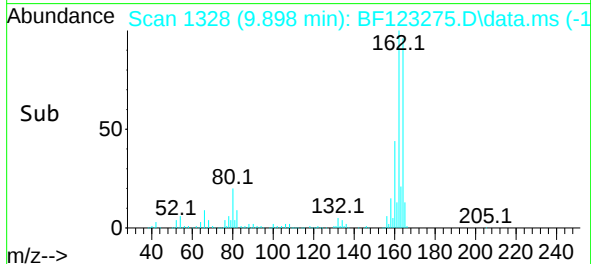
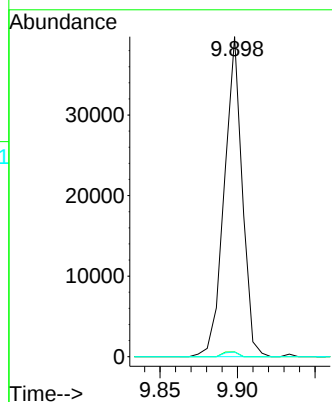
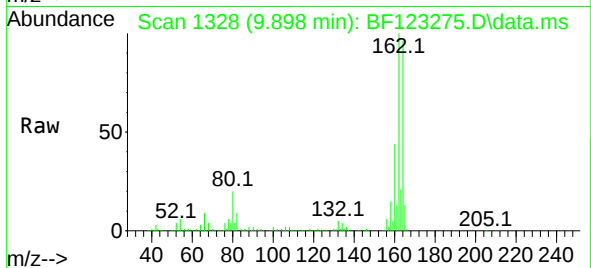




#51
2,6-Dinitrotoluene
Concen: 7.65 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

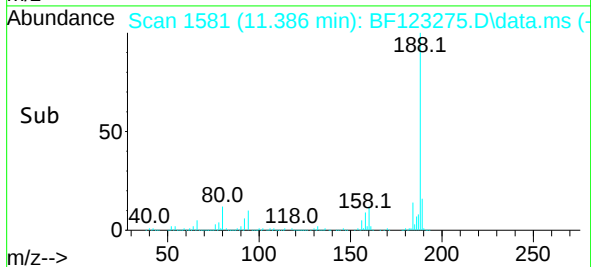
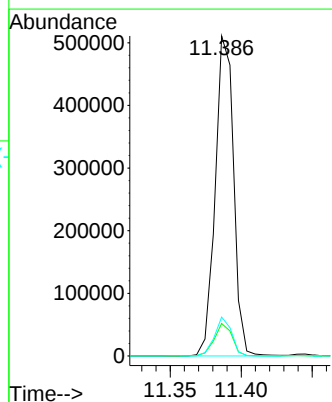
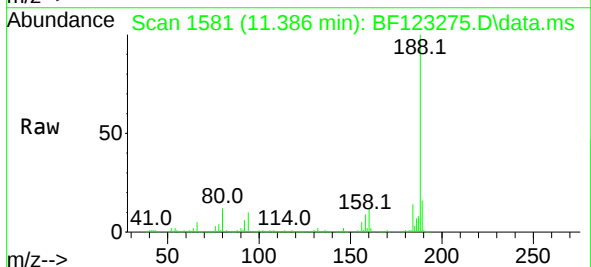
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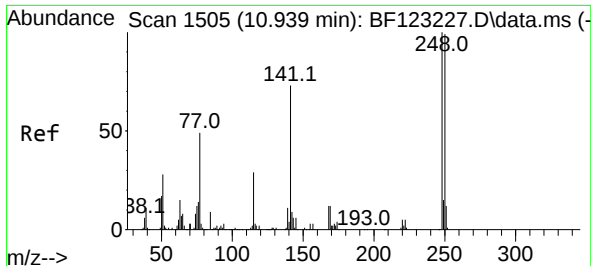
Tgt Ion:165 Resp: 31956
Ion Ratio Lower Upper
165 100
63 1.5 36.6 55.0#
89 1.4 39.4 59.0#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

Tgt Ion:188 Resp: 459704
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.2
80 12.2 8.2 12.4

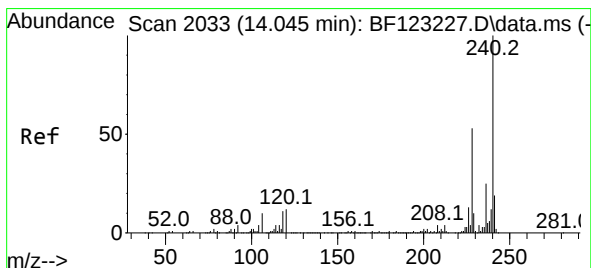
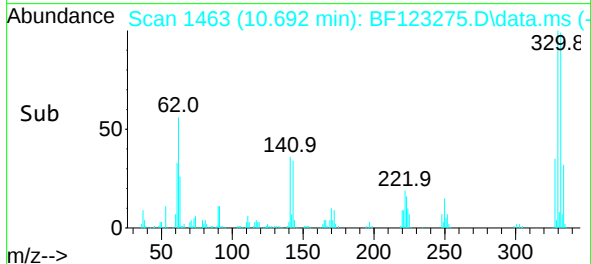
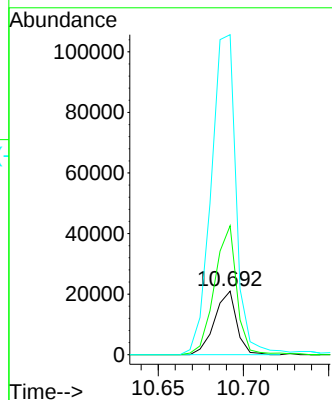
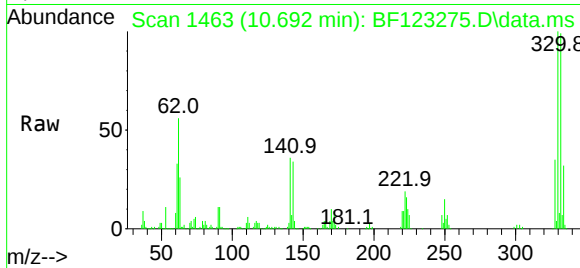




#67
4-Bromophenyl-phenylether
Concen: 3.77 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

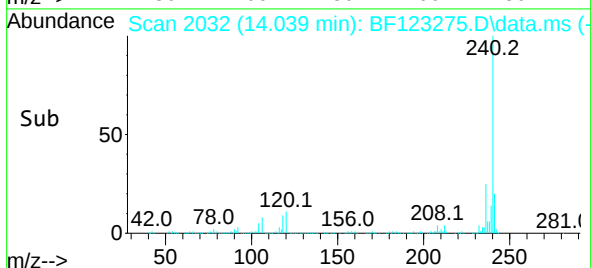
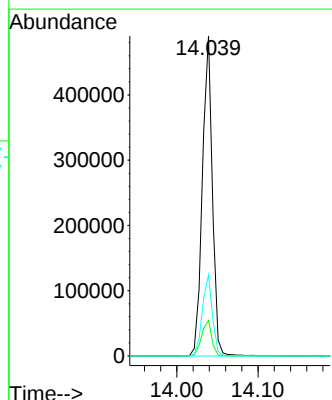
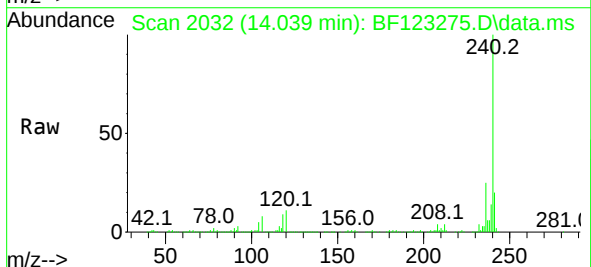
Instrument :
BNA_F
ClientSampleId :
TP-7

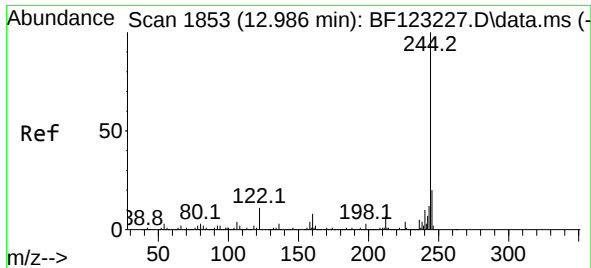
Tgt Ion:248 Resp: 18889
Ion Ratio Lower Upper
248 100
250 203.1 76.8 115.2#
141 504.1 59.8 89.8#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123275.D
Acq: 23 Feb 2021 11:45

Tgt Ion:240 Resp: 419947
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 25.3 20.3 30.5

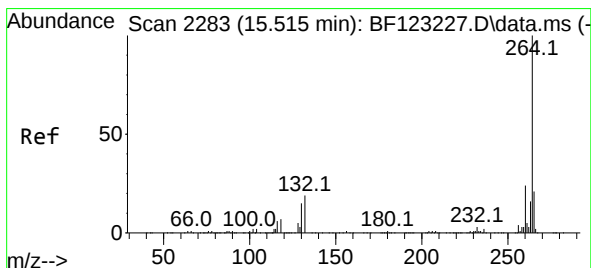
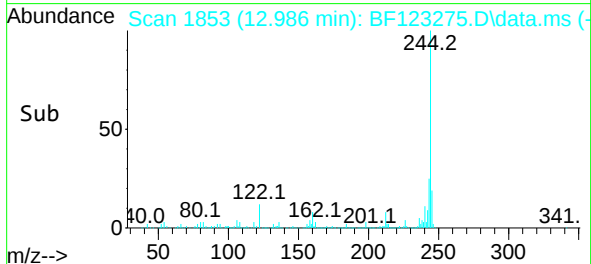
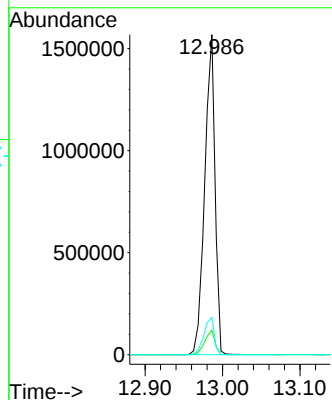
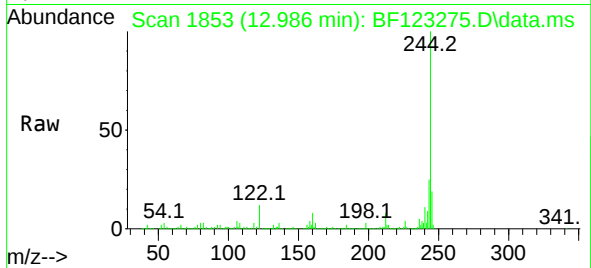




#79
 Terphenyl-d14
 Concen: 66.21 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. 0.000 min
 Lab File: BF123275.D
 Acq: 23 Feb 2021 11:45

Instrument :
 BNA_F
 ClientSampleId :
 TP-7

Tgt Ion:244 Resp: 1446016
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 11.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. -0.006 min
 Lab File: BF123275.D
 Acq: 23 Feb 2021 11:45

Tgt Ion:264 Resp: 387501
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.0 17.0 25.6

