

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
 Data File : BF123722.D
 Acq On : 24 Apr 2021 17:51
 Operator : JU/CG
 Sample : M2107-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-30-9.5-10.0

Quant Time: Apr 26 03:00:31 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 23 10:48:36 2021
 Response via : Initial Calibration

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

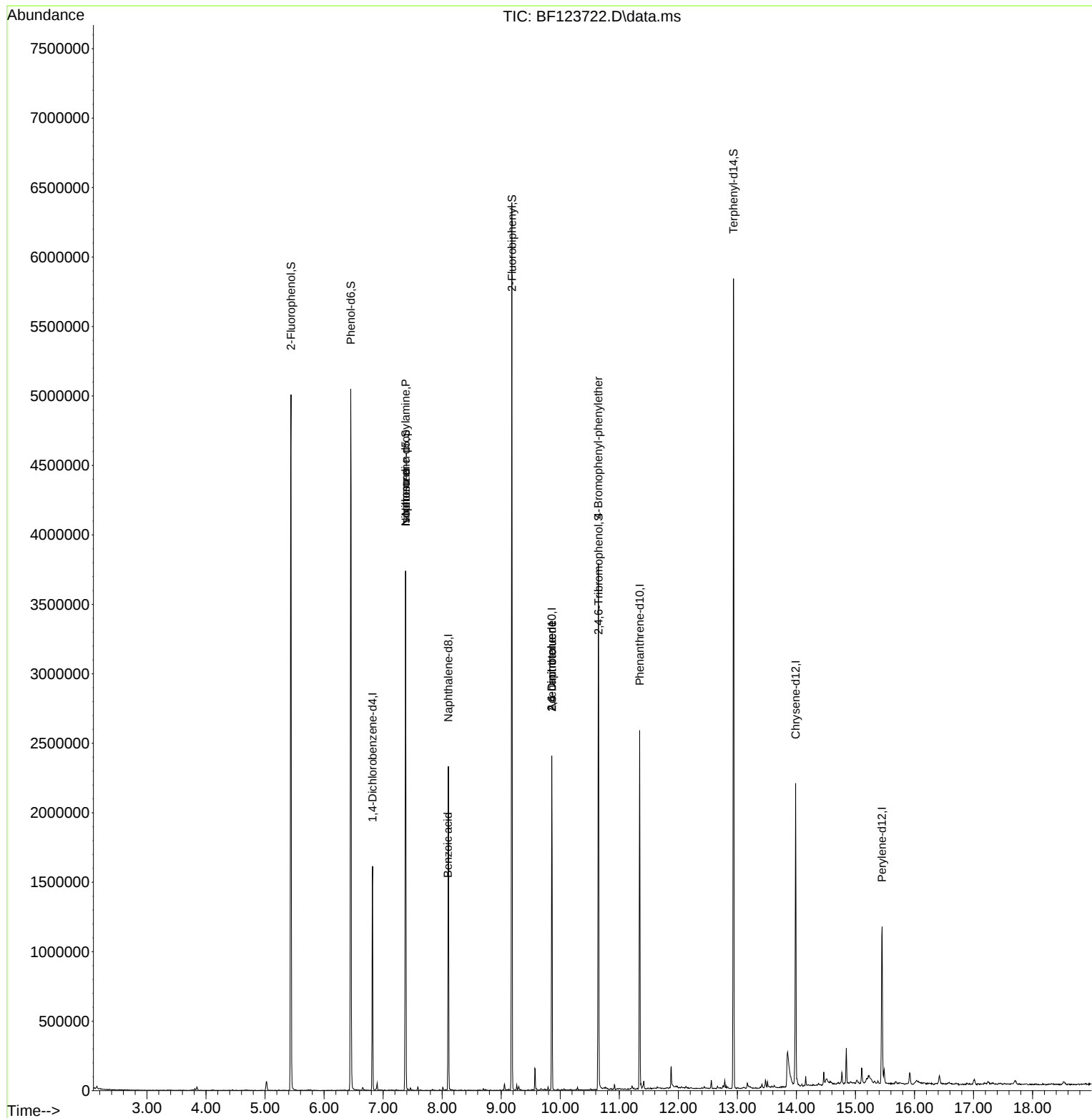
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	216640	20.00	ng	-0.02
21) Naphthalene-d8	8.104	136	836113	20.00	ng	-0.02
39) Acenaphthene-d10	9.857	164	423001	20.00	ng	-0.03
64) Phenanthrene-d10	11.345	188	834706	20.00	ng	-0.03
76) Chrysene-d12	13.986	240	686214	20.00	ng	-0.04
86) Perylene-d12	15.451	264	515397	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1170644	87.34	ng	-0.02
7) Phenol-d6	6.451	99	1507414	81.16	ng	-0.02
23) Nitrobenzene-d5	7.380	82	1049483	57.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.651	330	427916	89.33	ng	-0.02
45) 2-Fluorobiphenyl	9.180	172	1652001	58.22	ng	-0.02
79) Terphenyl-d14	12.933	244	1832740	51.91	ng	-0.03
Target Compounds					Qvalue	
19) n-Nitroso-di-n-propyla...	7.380	70	137807	11.20	ng	# 76
25) Isophorone	7.380	82	1049647	29.75	ng	# 69
32) Benzoic acid	8.098	122	201	4.57	ng	# 1
51) 2,6-Dinitrotoluene	9.857	165	53675	8.37	ng	# 12
57) 2,4-Dinitrotoluene	9.857	165	53675	6.26	ng	# 18
67) 4-Bromophenyl-phenylether	10.645	248	24100	2.76	ng	# 1
89) Benzo(k)fluoranthene	15.027	252	16790	Below Cal		# 87
92) Benzo(g,h,i)perylene	17.321	276	5737	Below Cal		# 79

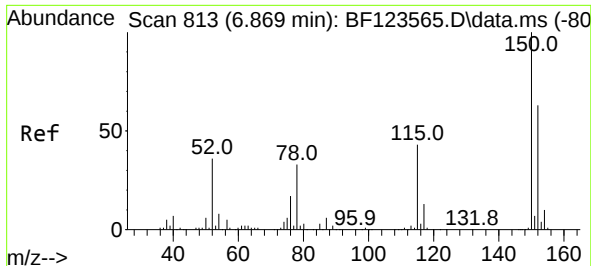
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
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SB-30-9.5-10.0

Quant Time: Apr 26 03:00:31 2021
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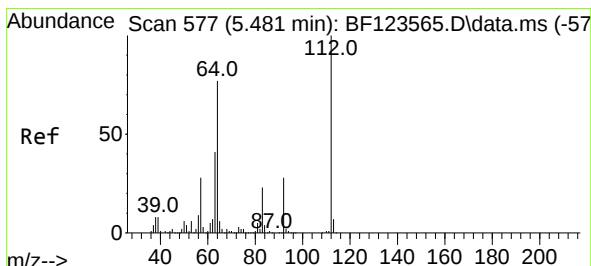
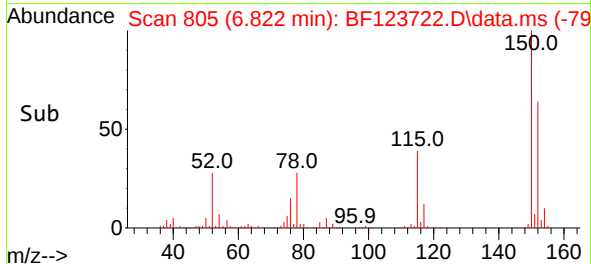
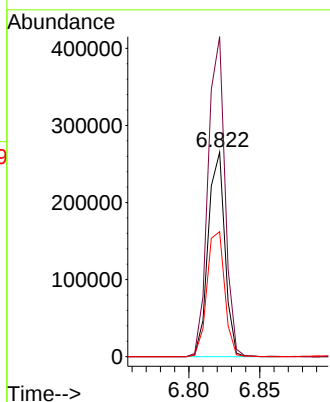
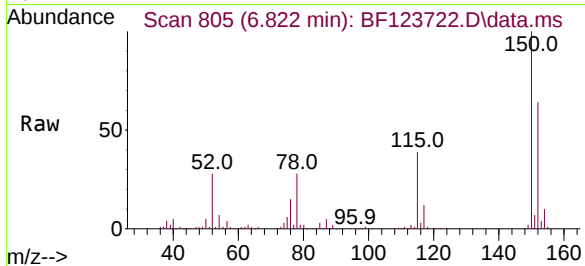




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.017 min
Lab File: BF123722.D
Acq: 24 Apr 2021 17:51

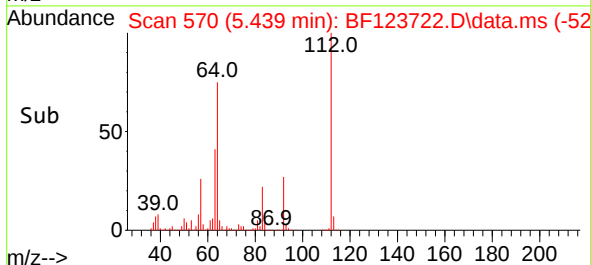
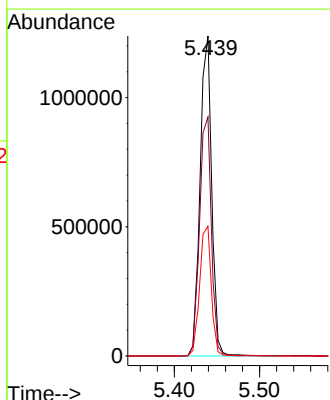
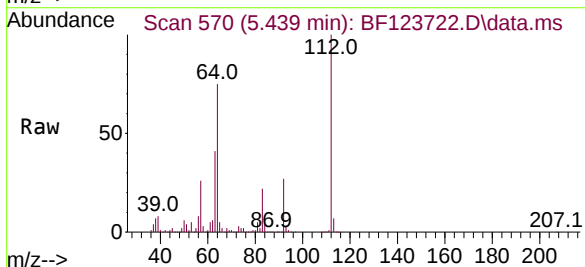
Instrument :
BNA_F
ClientSampleId :
SB-30-9.5-10.0

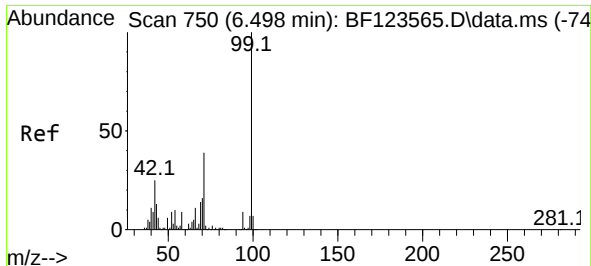
Tgt Ion:152 Resp: 216640
Ion Ratio Lower Upper
152 100
150 156.5 127.0 190.6
115 61.1 54.3 81.5



#5
2-Fluorophenol
Concen: 87.34 ng
RT: 5.439 min Scan# 570
Delta R.T. -0.018 min
Lab File: BF123722.D
Acq: 24 Apr 2021 17:51

Tgt Ion:112 Resp: 1170644
Ion Ratio Lower Upper
112 100
64 74.7 61.4 92.0
63 40.5 33.0 49.4

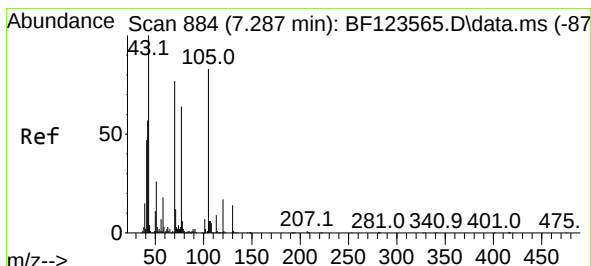
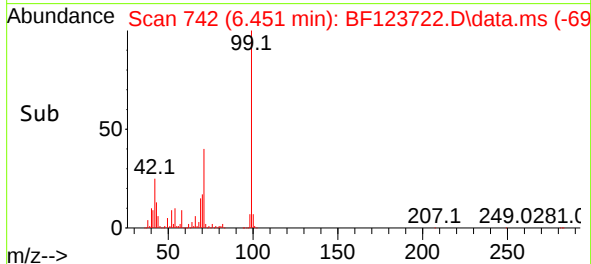
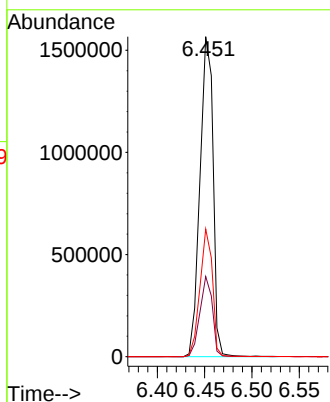
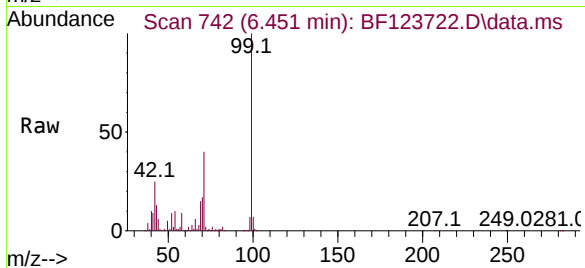




#7
Phenol-d6
Concen: 81.16 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.024 min
Lab File: BF123722.D
Acq: 24 Apr 2021 17:51

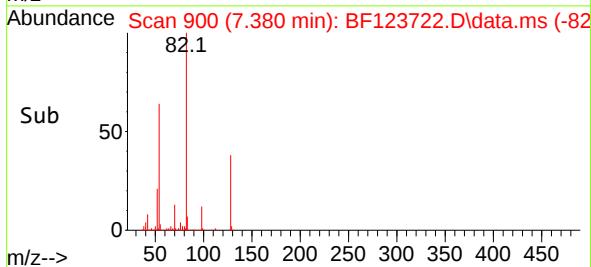
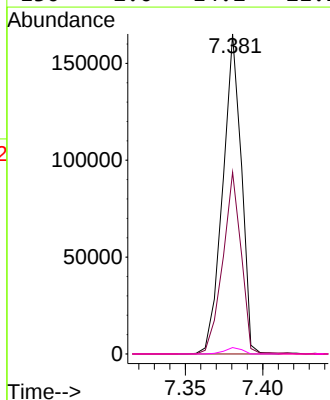
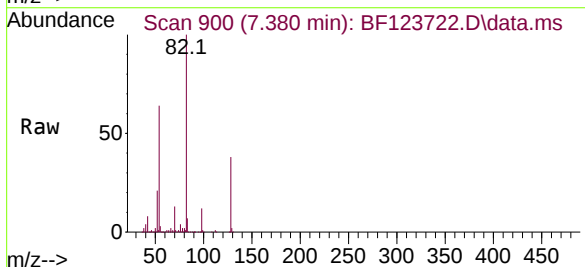
Instrument :
BNA_F
ClientSampleId :
SB-30-9.5-10.0

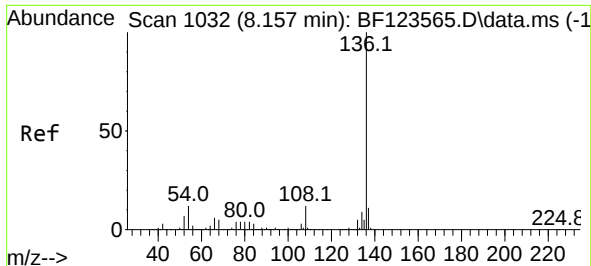
Tgt Ion: 99 Resp: 1507414
Ion Ratio Lower Upper
99 100
42 25.1 19.8 29.8
71 39.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.20 ng
RT: 7.380 min Scan# 900
Delta R.T. 0.123 min
Lab File: BF123722.D
Acq: 24 Apr 2021 17:51

Tgt Ion: 70 Resp: 137807
Ion Ratio Lower Upper
70 100
42 56.8 60.1 90.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.2#



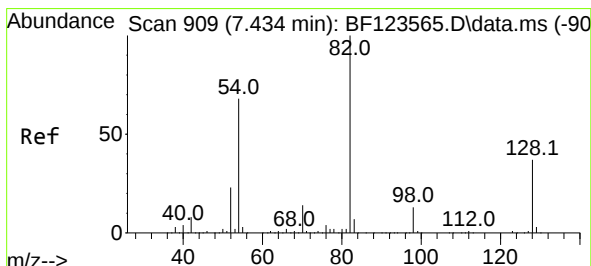
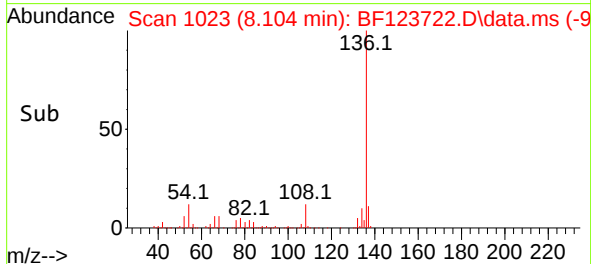
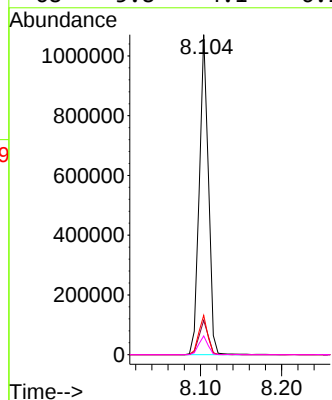
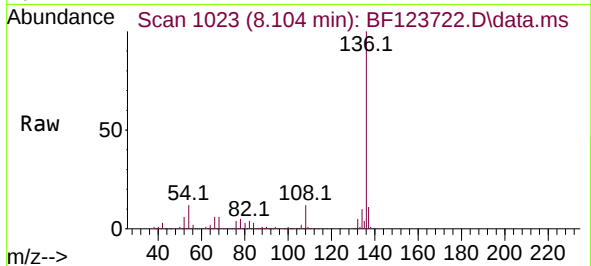


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.024 min
Lab File: BF123722.D
Acq: 24 Apr 2021 17:51

Instrument :
BNA_F
ClientSampleId :
SB-30-9.5-10.0

Tgt Ion:136 Resp: 836113

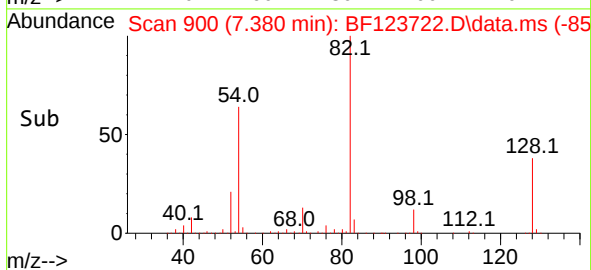
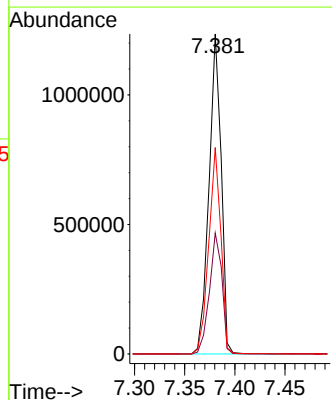
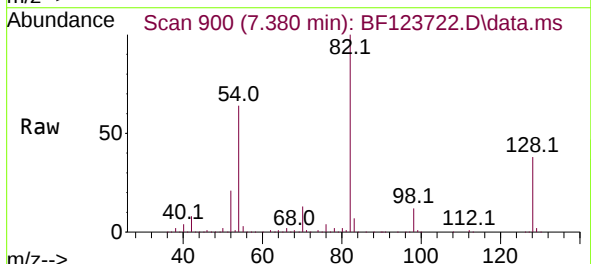
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	12.3	9.8	14.6
68	5.8	4.1	6.1

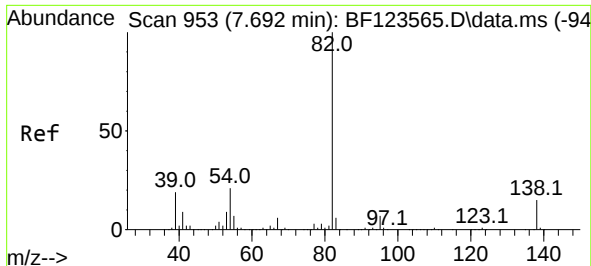


#23
Nitrobenzene-d5
Concen: 57.70 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.024 min
Lab File: BF123722.D
Acq: 24 Apr 2021 17:51

Tgt Ion: 82 Resp: 1049483

Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.4	44.2
54	64.5	54.1	81.1

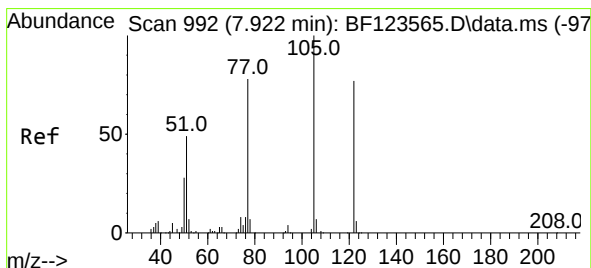
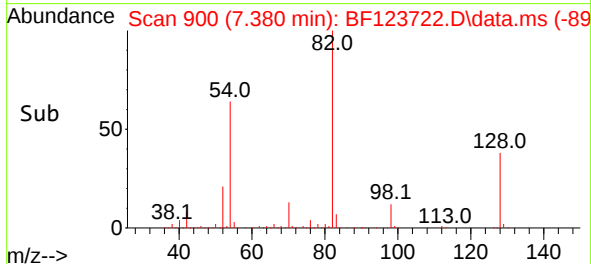
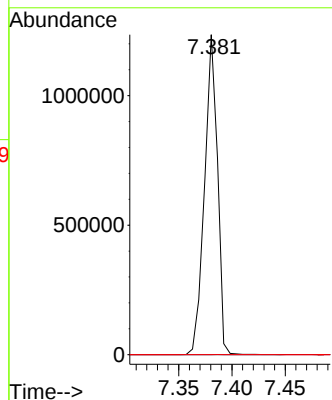
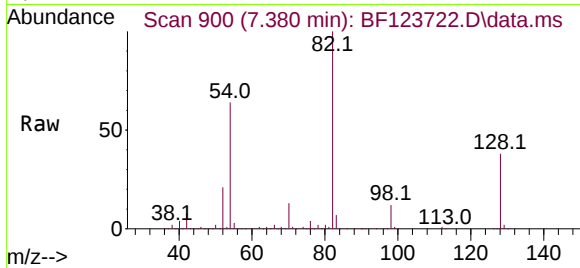




#25
Isophorone
Concen: 29.75 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.282 min
Lab File: BF123722.D
Acq: 24 Apr 2021 17:51

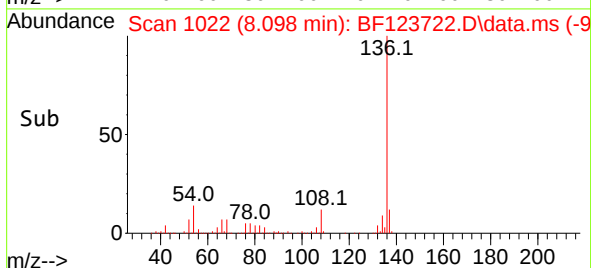
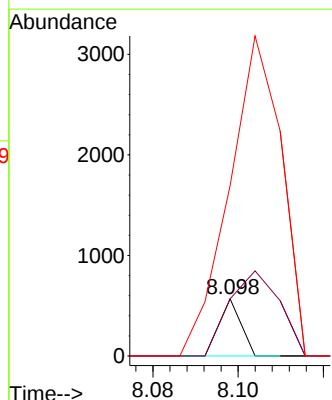
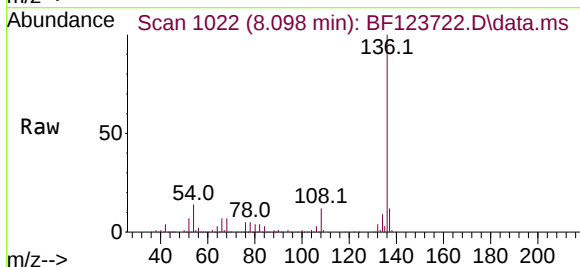
Instrument :
BNA_F
ClientSampleId :
SB-30-9.5-10.0

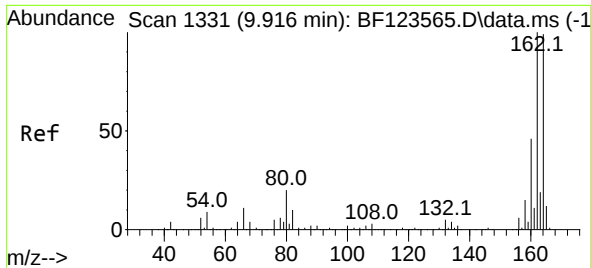
Tgt Ion: 82 Resp: 1049647
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#32
Benzoic acid
Concen: 4.57 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.200 min
Lab File: BF123722.D
Acq: 24 Apr 2021 17:51

Tgt Ion:122 Resp: 201
Ion Ratio Lower Upper
122 100
105 100.2 107.8 147.8#
77 298.6 81.6 121.6#

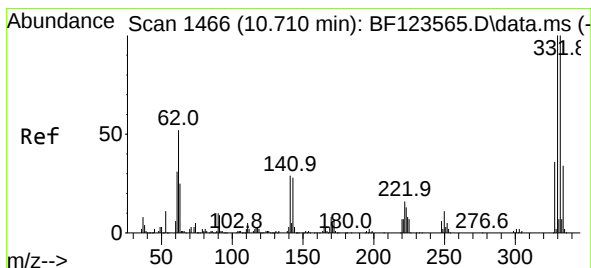
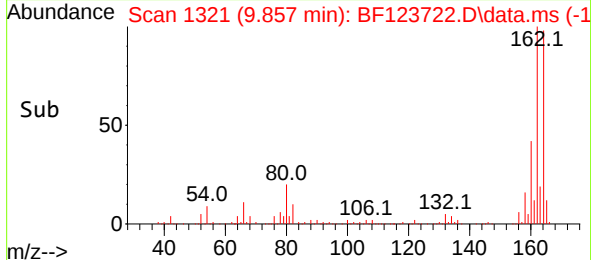
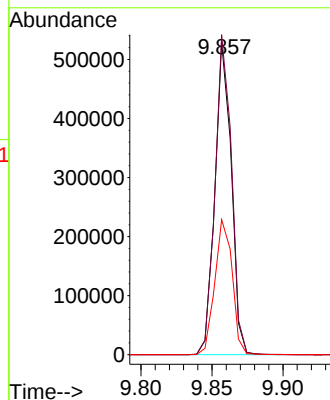
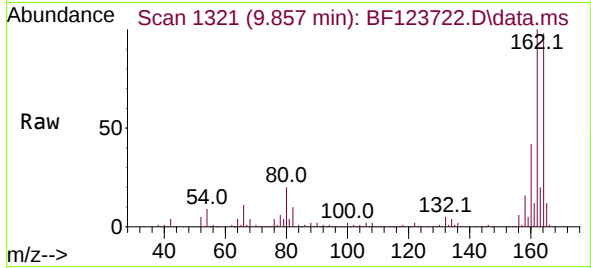




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.029 min
Lab File: BF123722.D
Acq: 24 Apr 2021 17:51

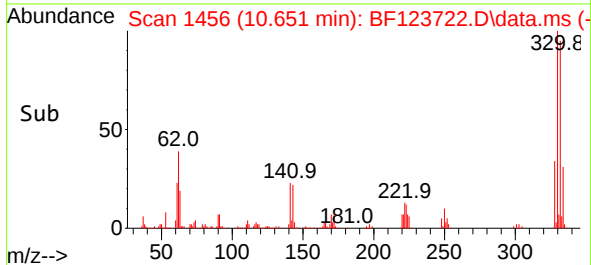
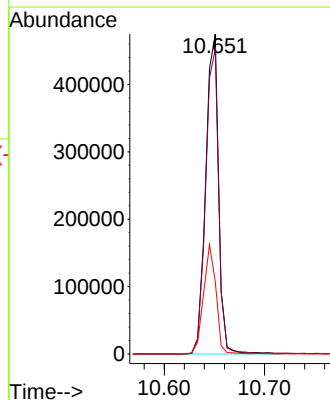
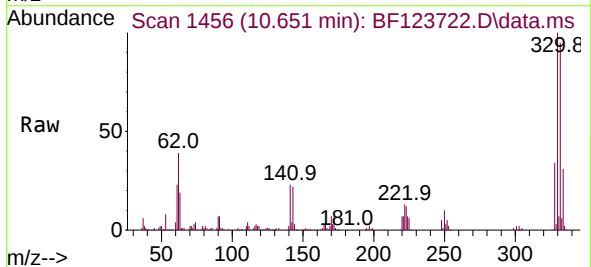
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ClientSampleId :
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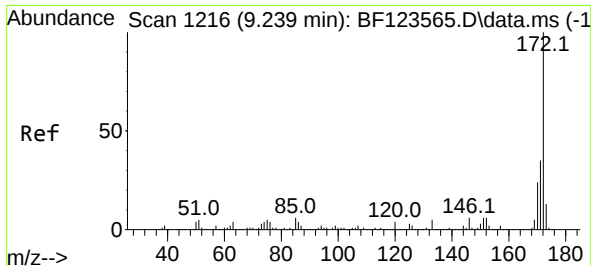
Tgt Ion:164 Resp: 423001
Ion Ratio Lower Upper
164 100
162 102.4 80.7 121.1
160 43.2 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 89.33 ng
RT: 10.651 min Scan# 1456
Delta R.T. -0.024 min
Lab File: BF123722.D
Acq: 24 Apr 2021 17:51

Tgt Ion:330 Resp: 427916
Ion Ratio Lower Upper
330 100
332 96.6 77.1 115.7
141 32.7 27.9 41.9

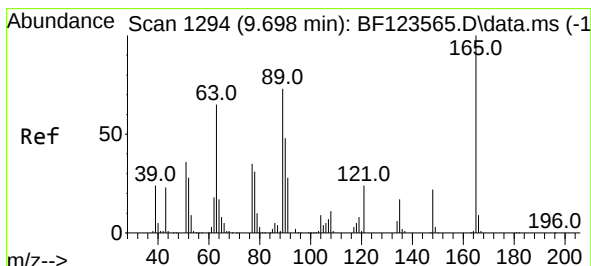
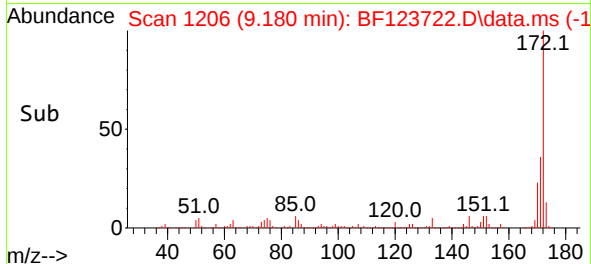
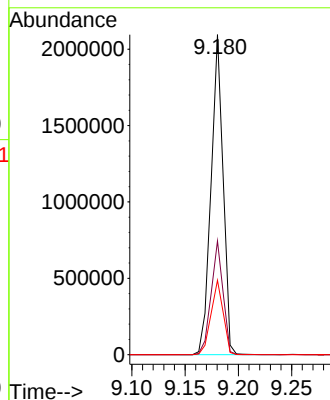
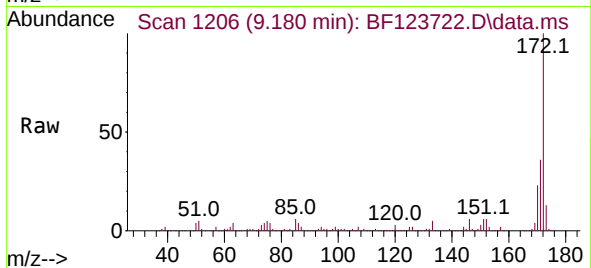




#45
2-Fluorobiphenyl
Concen: 58.22 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.024 min
Lab File: BF123722.D
Acq: 24 Apr 2021 17:51

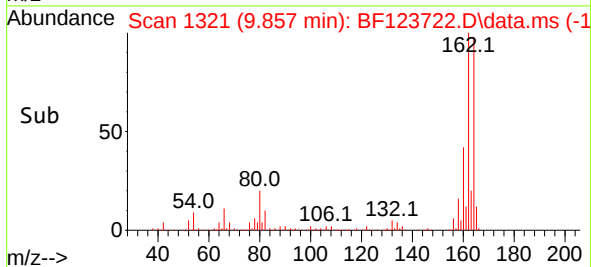
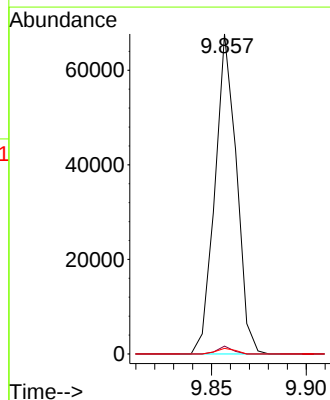
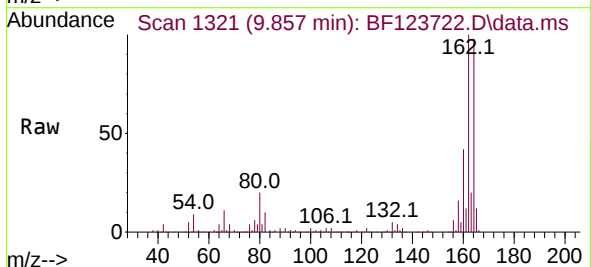
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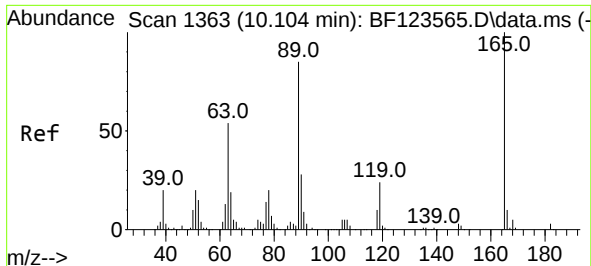
Tgt Ion:172 Resp: 1652001
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.2 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.37 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.188 min
Lab File: BF123722.D
Acq: 24 Apr 2021 17:51

Tgt Ion:165 Resp: 53675
Ion Ratio Lower Upper
165 100
63 2.4 67.7 101.5#
89 1.8 58.8 88.2#

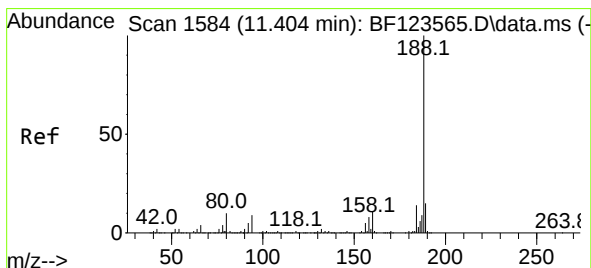
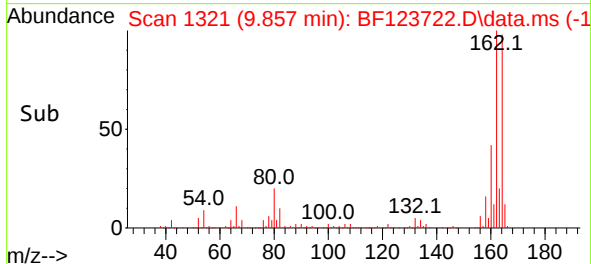
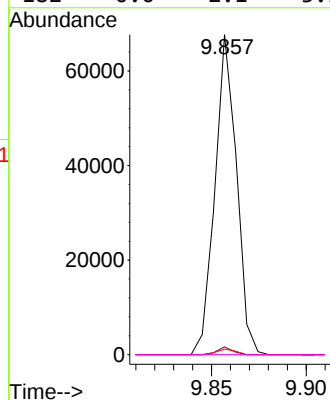
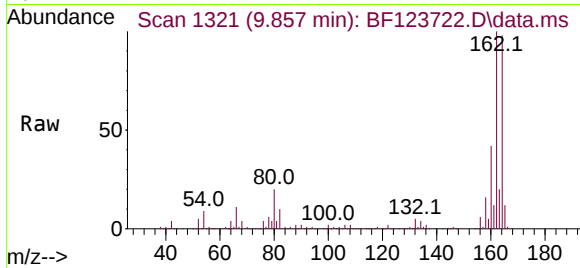




#57
2,4-Dinitrotoluene
Concen: 6.26 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.218 min
Lab File: BF123722.D
Acq: 24 Apr 2021 17:51

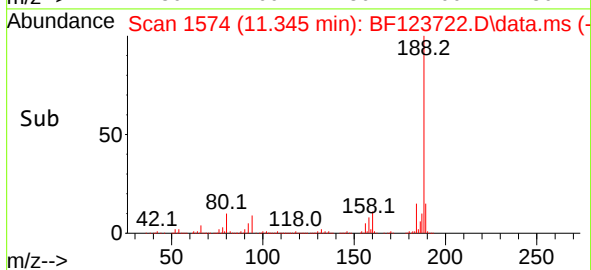
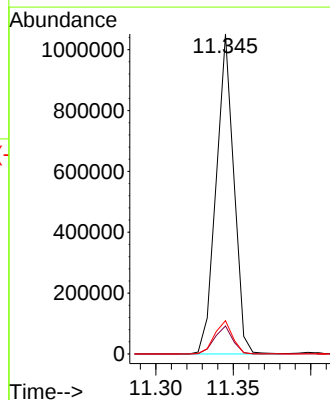
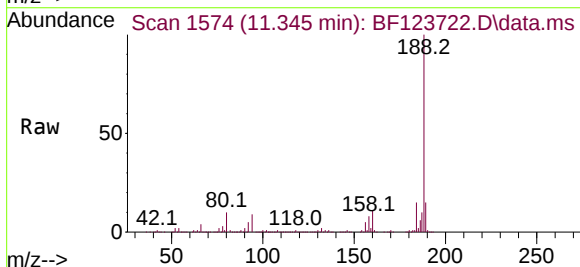
Instrument :
BNA_F
ClientSampleId :
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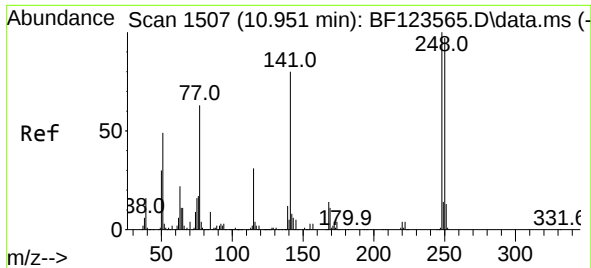
Tgt Ion:165	Resp:	53675
Ion Ratio	Lower	Upper
165	100	
63	2.4	43.5 65.3#
89	1.8	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.029 min
Lab File: BF123722.D
Acq: 24 Apr 2021 17:51

Tgt Ion:188	Resp:	834706
Ion Ratio	Lower	Upper
188	100	
94	8.7	6.9 10.3
80	10.4	8.2 12.2

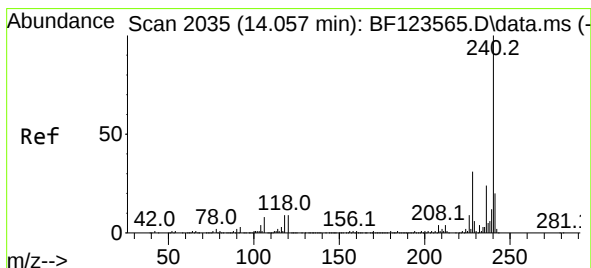
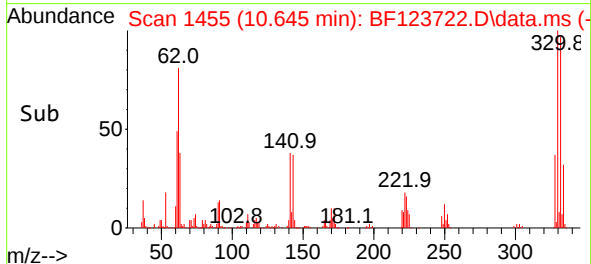
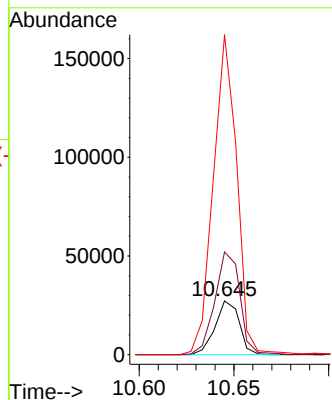
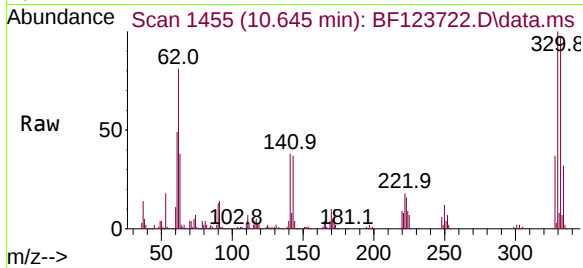




#67
4-Bromophenyl-phenylether
Concen: 2.76 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.271 min
Lab File: BF123722.D
Acq: 24 Apr 2021 17:51

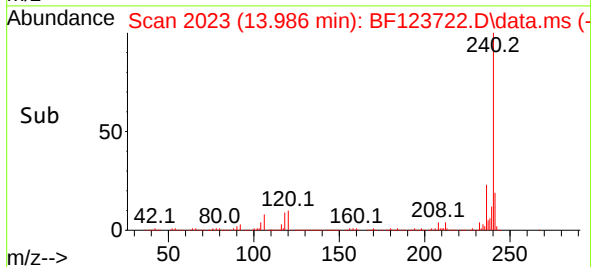
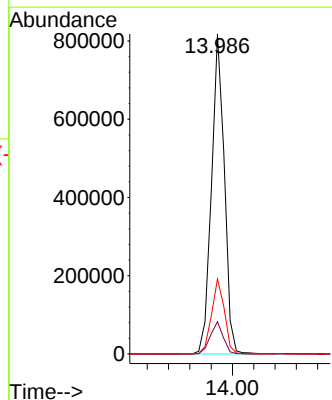
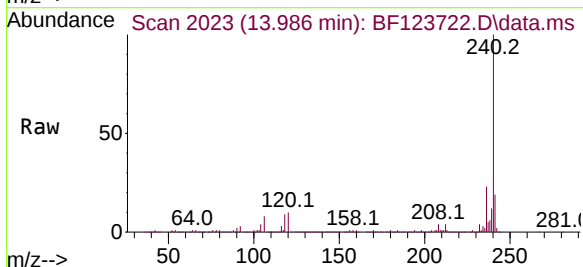
Instrument :
BNA_F
ClientSampleId :
SB-30-9.5-10.0

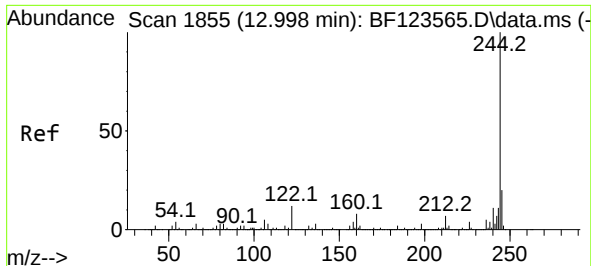
Tgt Ion:248 Resp: 24100
Ion Ratio Lower Upper
248 100
250 191.3 77.4 116.2#
141 595.6 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.035 min
Lab File: BF123722.D
Acq: 24 Apr 2021 17:51

Tgt Ion:240 Resp: 686214
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 23.5 19.0 28.4

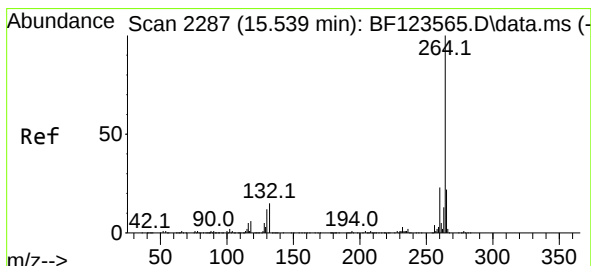
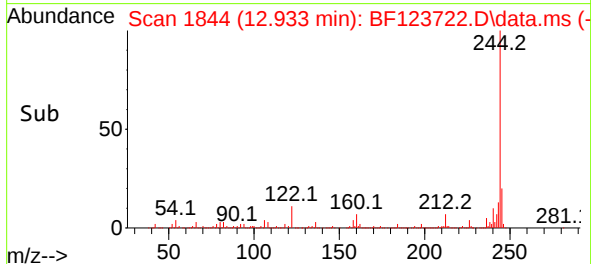
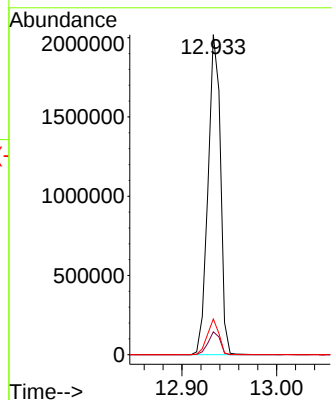
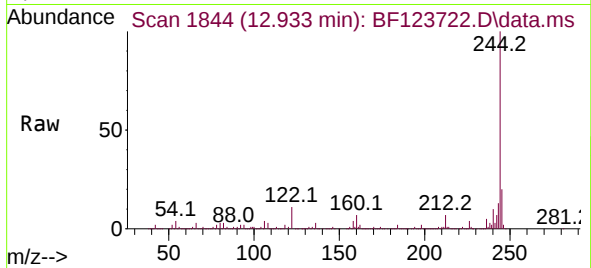




#79
Terphenyl-d14
Concen: 51.91 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.029 min
Lab File: BF123722.D
Acq: 24 Apr 2021 17:51

Instrument :
BNA_F
ClientSampleId :
SB-30-9.5-10.0

Tgt Ion:244 Resp: 1832740
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 11.1 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.451 min Scan# 2272
Delta R.T. -0.041 min
Lab File: BF123722.D
Acq: 24 Apr 2021 17:51

Tgt Ion:264 Resp: 515397
Ion Ratio Lower Upper
264 100
260 24.2 18.7 28.1
265 22.3 17.8 26.8

