

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
 Data File : BF123718.D
 Acq On : 24 Apr 2021 15:45
 Operator : JU/CG
 Sample : M2107-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-29-9.5-10.0

Quant Time: Apr 26 02:59:39 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)

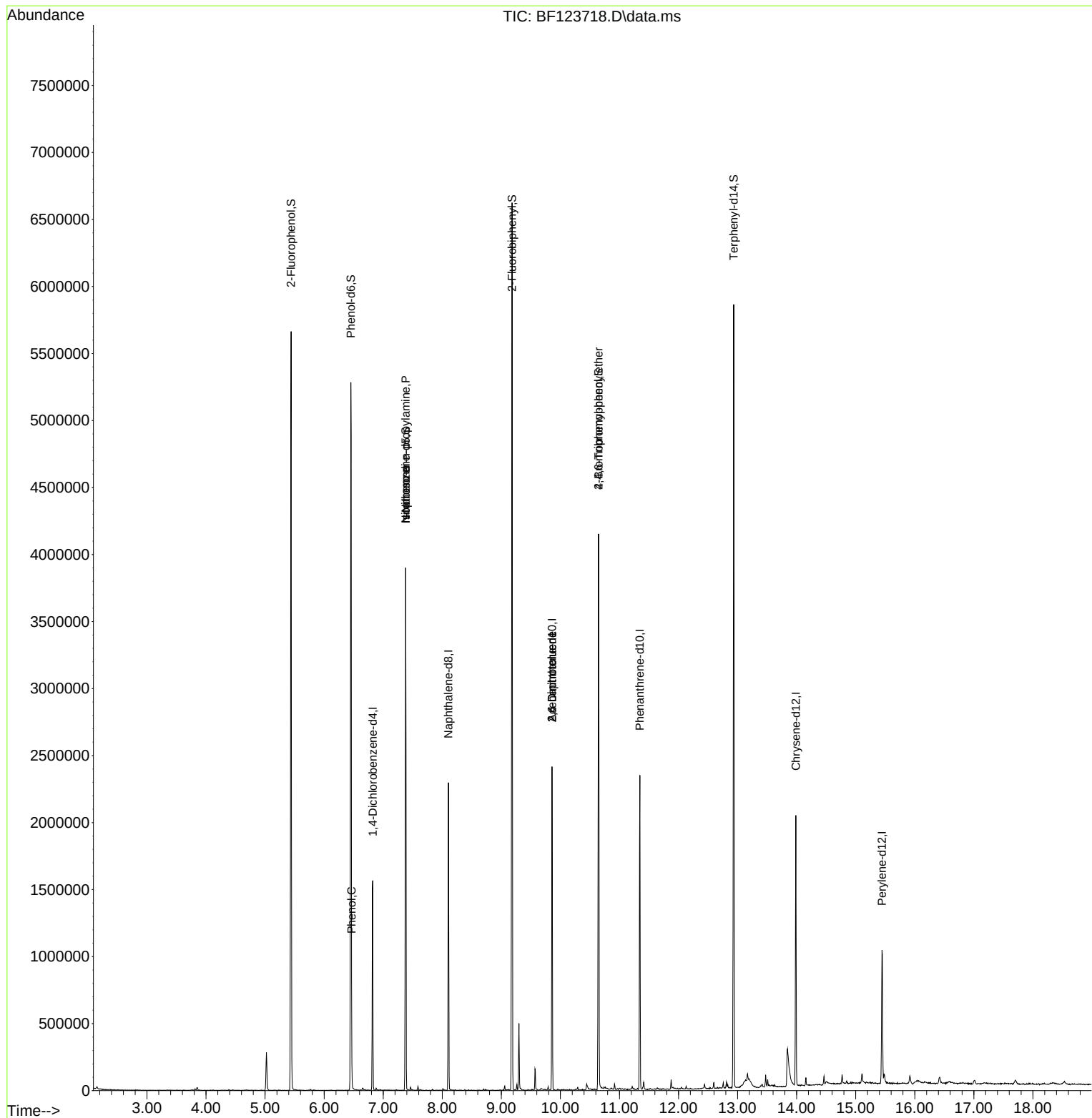
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	217540	20.00	ng	-0.02
21) Naphthalene-d8	8.104	136	816686	20.00	ng	-0.02
39) Acenaphthene-d10	9.857	164	402771	20.00	ng	-0.03
64) Phenanthrene-d10	11.345	188	786117	20.00	ng	-0.03
76) Chrysene-d12	13.986	240	626818	20.00	ng	-0.04
86) Perylene-d12	15.445	264	459892	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1256490	93.35	ng	-0.02
7) Phenol-d6	6.451	99	1642206	88.05	ng	-0.02
23) Nitrobenzene-d5	7.381	82	1145967	64.51	ng	-0.02
42) 2,4,6-Tribromophenol	10.645	330	455466	99.86	ng	-0.03
45) 2-Fluorobiphenyl	9.181	172	1747436	64.67	ng	-0.02
79) Terphenyl-d14	12.933	244	1881375	58.33	ng	-0.03
Target Compounds						Qvalue
10) Phenol	6.463	94	49608	2.50	ng	92
19) n-Nitroso-di-n-propyla...	7.381	70	157091	12.71	ng	# 73
25) Isophorone	7.381	82	1145953	33.25	ng	# 69
51) 2,6-Dinitrotoluene	9.857	165	53089	8.69	ng	# 12
57) 2,4-Dinitrotoluene	9.857	165	53089	6.51	ng	# 17
67) 4-Bromophenyl-phenylether	10.645	248	24781	3.02	ng	# 1
89) Benzo(k)fluoranthene	15.051	252	278	Below Cal	#	1
92) Benzo(g,h,i)perylene	17.333	276	107	Below Cal	#	56

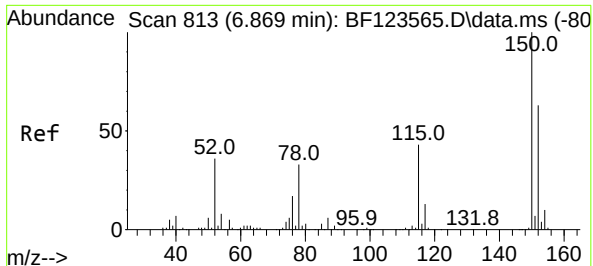
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123718.D
Acq On : 24 Apr 2021 15:45
Operator : JU/CG
Sample : M2107-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-29-9.5-10.0

Quant Time: Apr 26 02:59:39 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

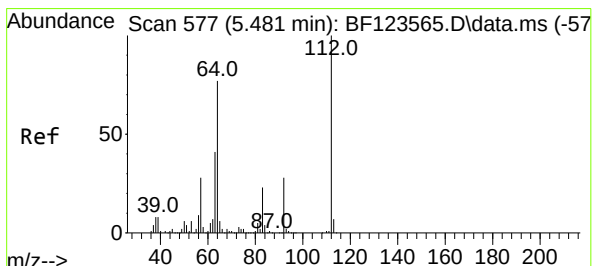
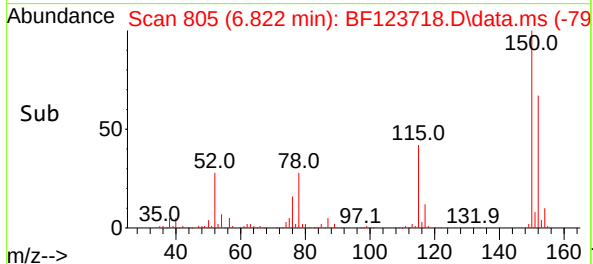
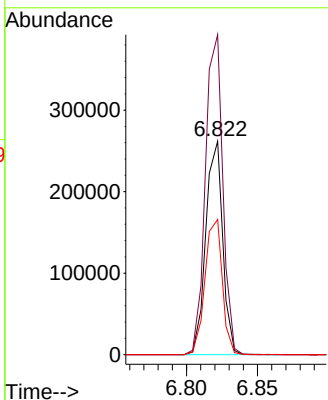
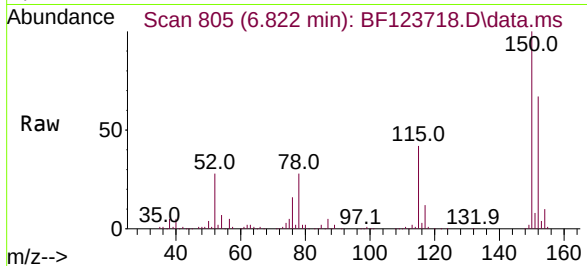




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.017 min
Lab File: BF123718.D
Acq: 24 Apr 2021 15:45

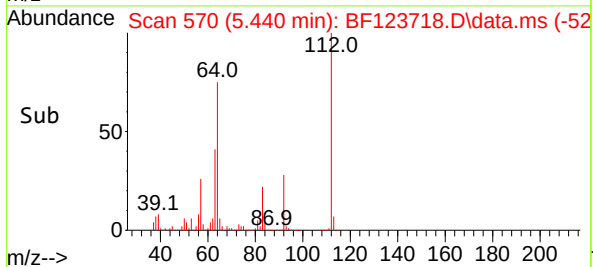
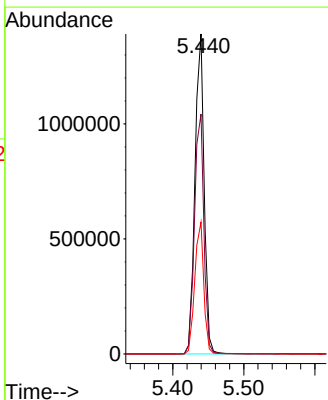
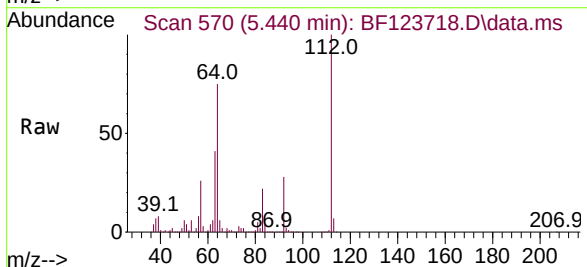
Instrument :
BNA_F
ClientSampleId :
SB-29-9.5-10.0

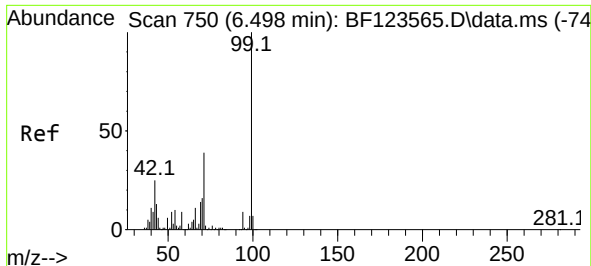
Tgt Ion:152 Resp: 217540
Ion Ratio Lower Upper
152 100
150 149.9 127.0 190.6
115 63.4 54.3 81.5



#5
2-Fluorophenol
Concen: 93.35 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.018 min
Lab File: BF123718.D
Acq: 24 Apr 2021 15:45

Tgt Ion:112 Resp: 1256490
Ion Ratio Lower Upper
112 100
64 74.9 61.4 92.0
63 41.2 33.0 49.4



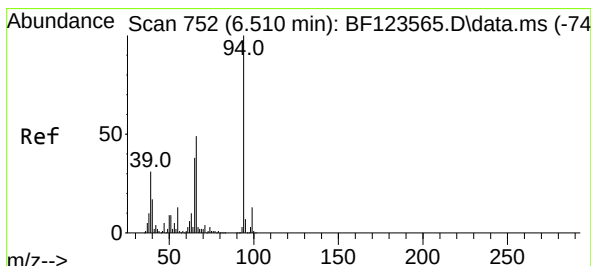
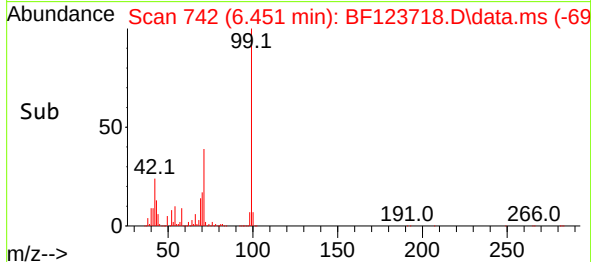
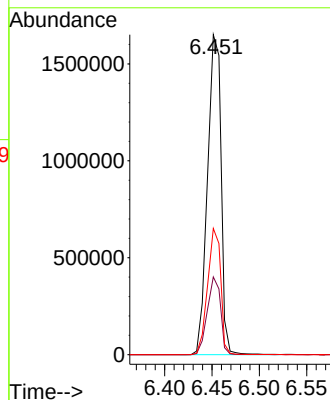
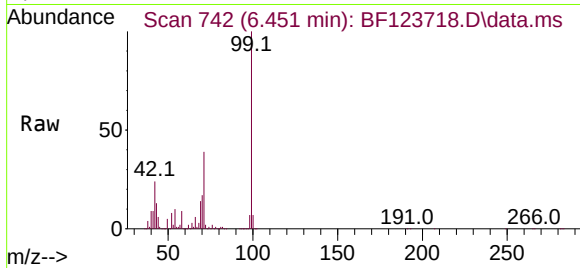


#7
Phenol-d6
Concen: 88.05 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.023 min
Lab File: BF123718.D
Acq: 24 Apr 2021 15:45

Instrument :
BNA_F
ClientSampleId :
SB-29-9.5-10.0

Tgt Ion: 99 Resp: 1642206

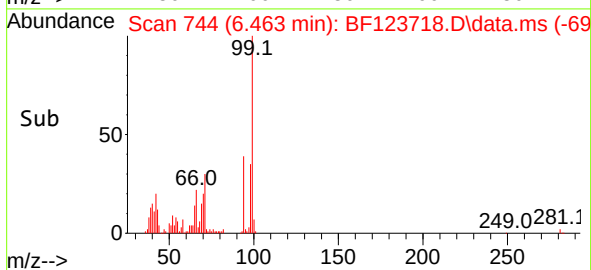
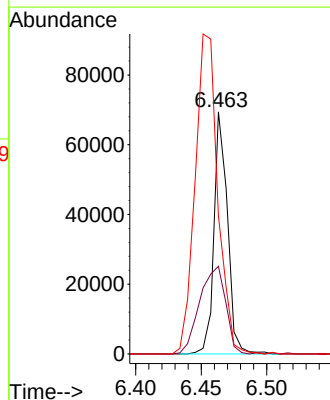
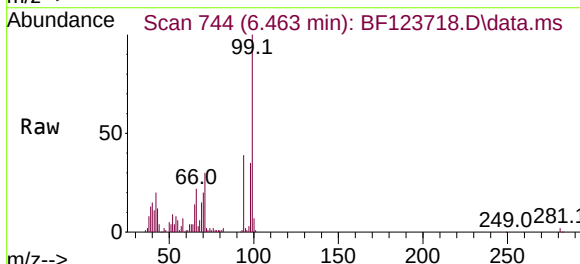
Ion	Ratio	Lower	Upper
99	100		
42	24.3	19.8	29.8
71	39.5	31.1	46.7

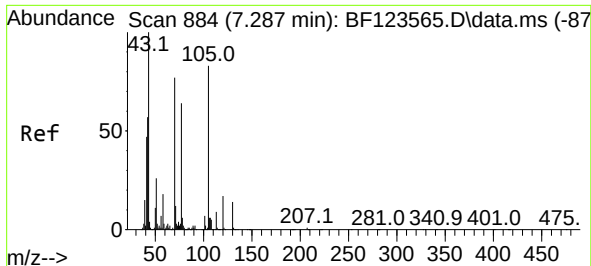


#10
Phenol
Concen: 2.50 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.029 min
Lab File: BF123718.D
Acq: 24 Apr 2021 15:45

Tgt Ion: 94 Resp: 49608

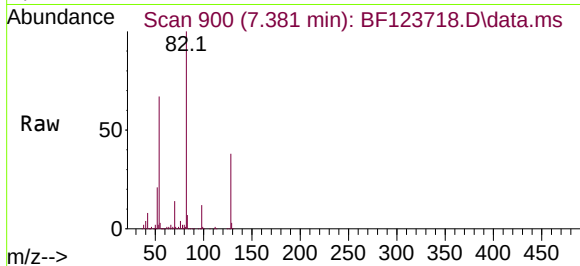
Ion	Ratio	Lower	Upper
94	100		
65	36.2	18.1	58.1
66	57.1	29.0	69.0



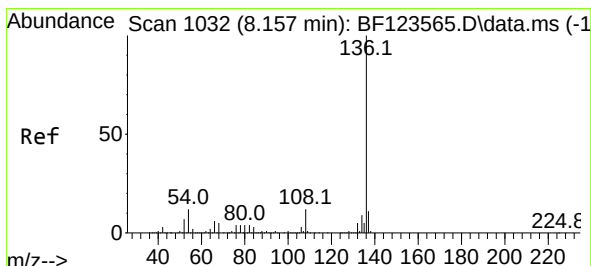
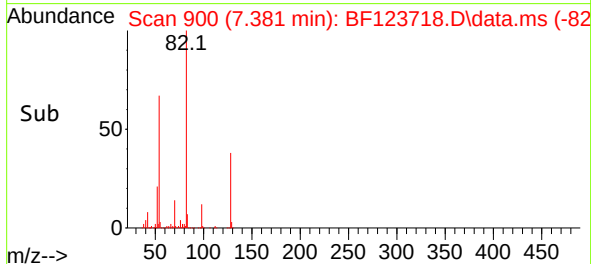
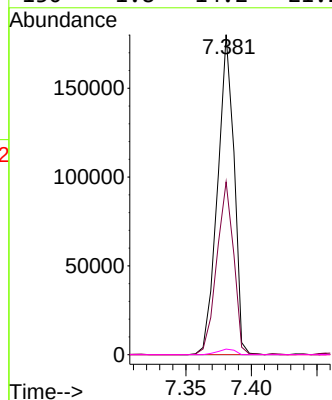


#19
n-Nitroso-di-n-propylamine
Concen: 12.71 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.124 min
Lab File: BF123718.D
Acq: 24 Apr 2021 15:45

Instrument :
BNA_F
ClientSampleId :
SB-29-9.5-10.0

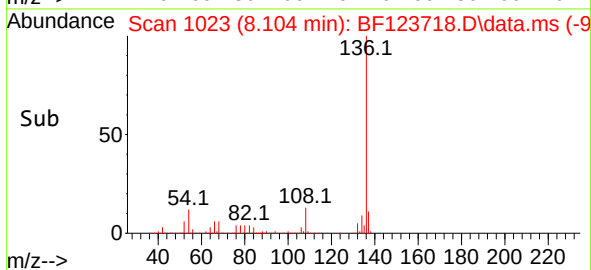
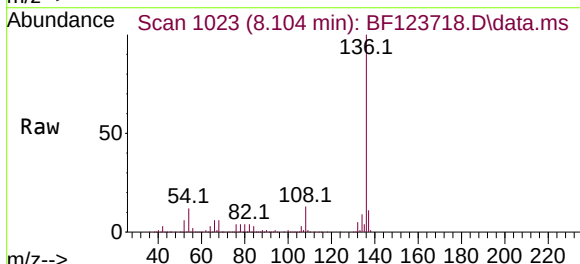
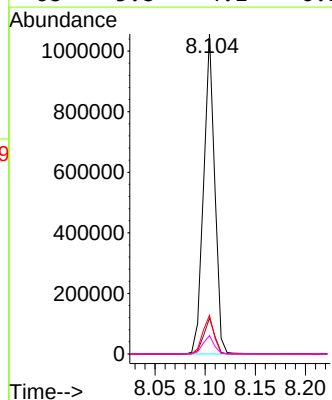


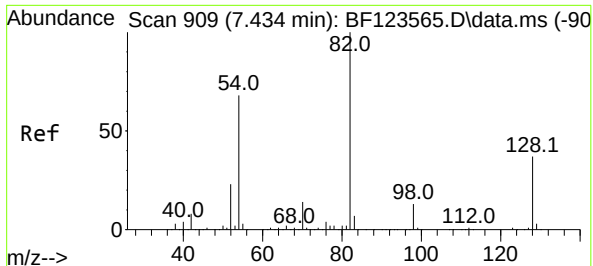
Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.0	60.1	90.1#
101	0.0	7.4	11.2#
130	1.8	14.2	21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.023 min
Lab File: BF123718.D
Acq: 24 Apr 2021 15:45

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	12.1	9.8	14.6
68	5.8	4.1	6.1





#23

Nitrobenzene-d5

Concen: 64.51 ng

RT: 7.381 min Scan# 900

Delta R.T. -0.023 min

Lab File: BF123718.D

Acq: 24 Apr 2021 15:45

Tgt Ion: 82 Resp: 1145967

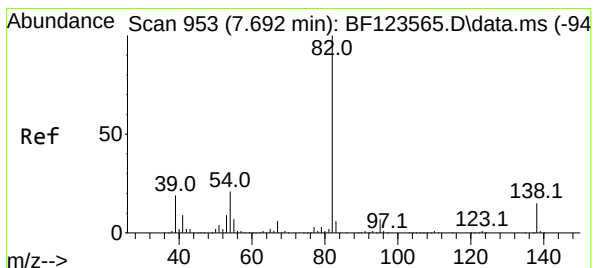
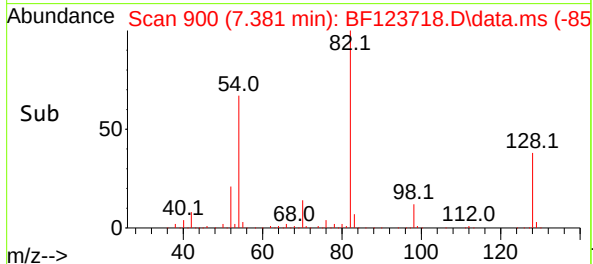
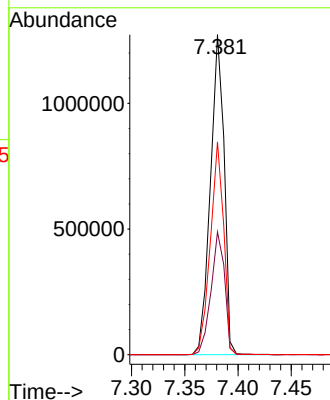
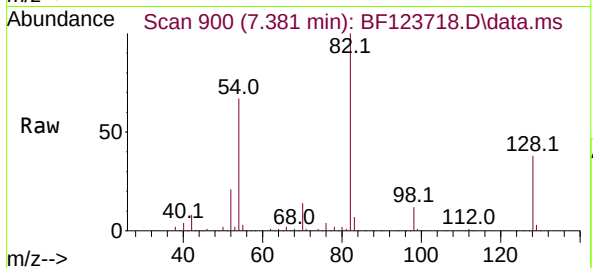
Ion	Ratio	Lower	Upper
82	100		
128	38.3	29.4	44.2
54	66.5	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

SB-29-9.5-10.0



#25

Isophorone

Concen: 33.25 ng

RT: 7.381 min Scan# 900

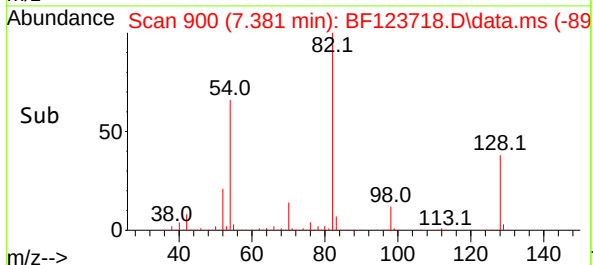
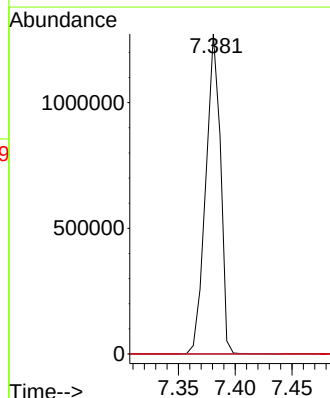
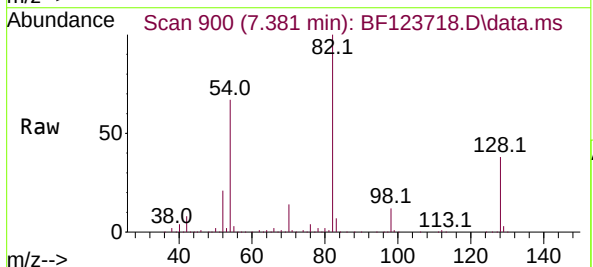
Delta R.T. -0.282 min

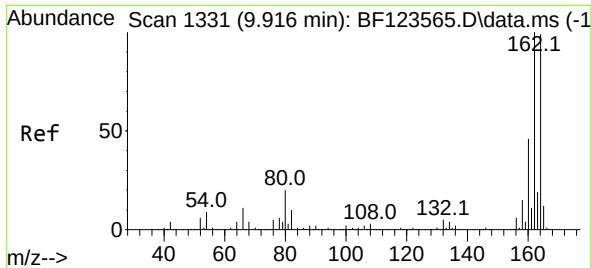
Lab File: BF123718.D

Acq: 24 Apr 2021 15:45

Tgt Ion: 82 Resp: 1145953

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	11.8	17.8#

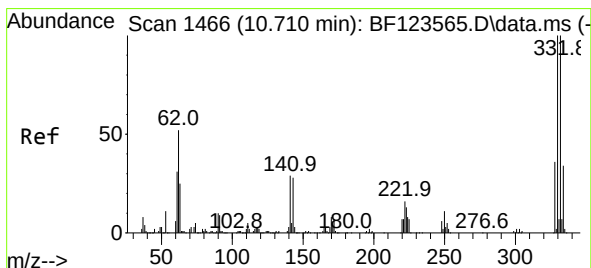
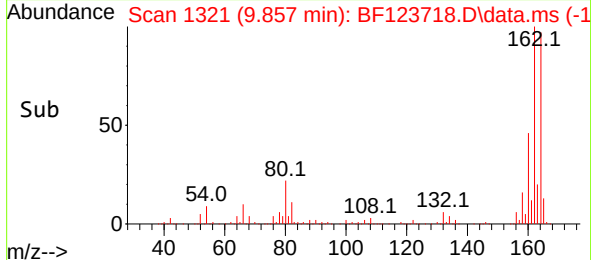
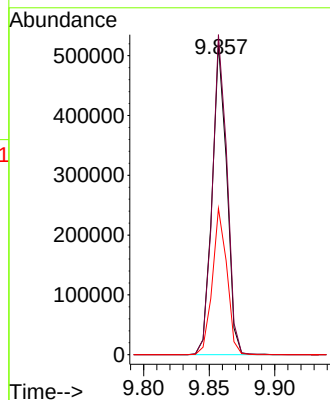
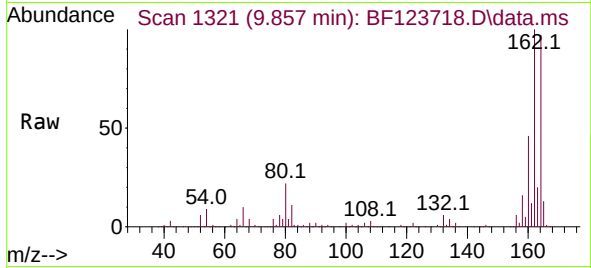




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.029 min
Lab File: BF123718.D
Acq: 24 Apr 2021 15:45

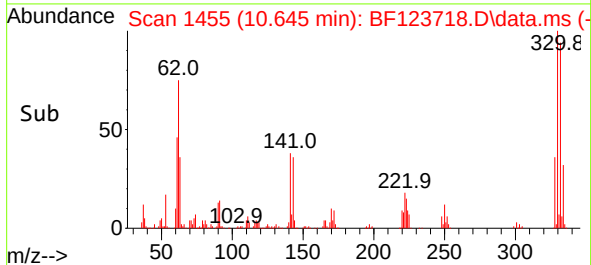
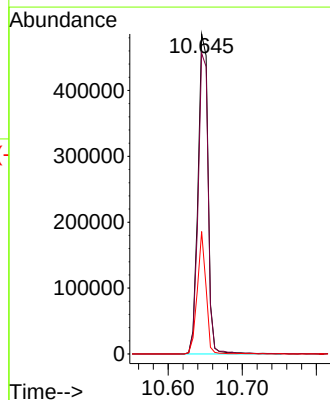
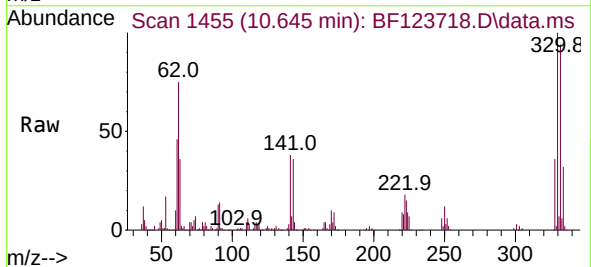
Instrument :
BNA_F
ClientSampleId :
SB-29-9.5-10.0

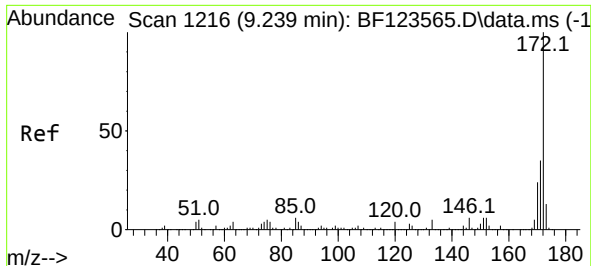
Tgt Ion:164 Resp: 402771
Ion Ratio Lower Upper
164 100
162 102.9 80.7 121.1
160 47.0 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 99.86 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.029 min
Lab File: BF123718.D
Acq: 24 Apr 2021 15:45

Tgt Ion:330 Resp: 455466
Ion Ratio Lower Upper
330 100
332 94.3 77.1 115.7
141 32.9 27.9 41.9

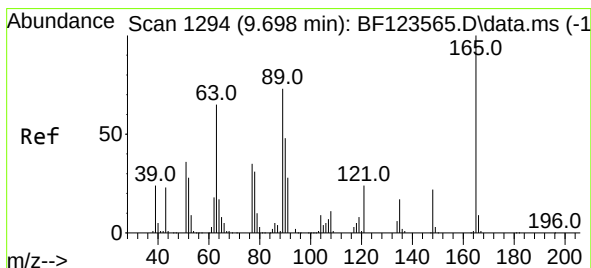
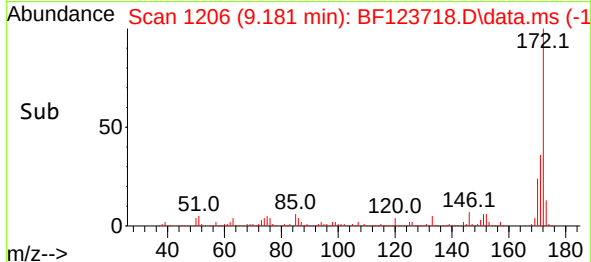
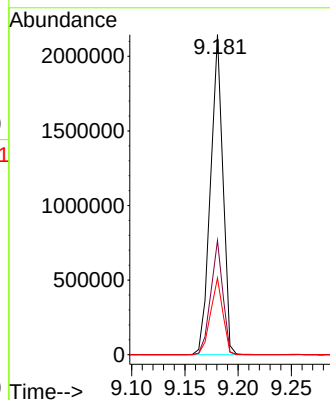
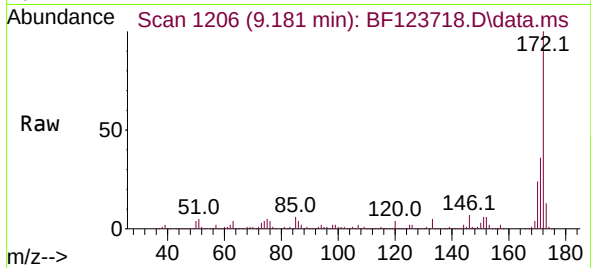




#45
2-Fluorobiphenyl
Concen: 64.67 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.023 min
Lab File: BF123718.D
Acq: 24 Apr 2021 15:45

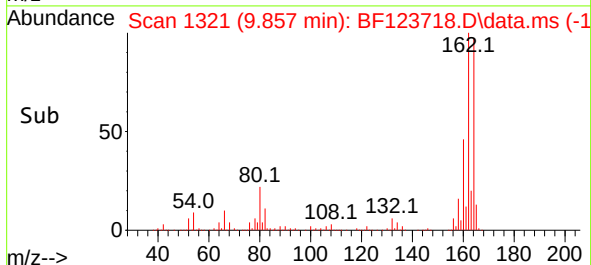
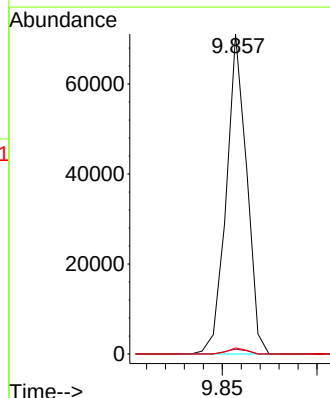
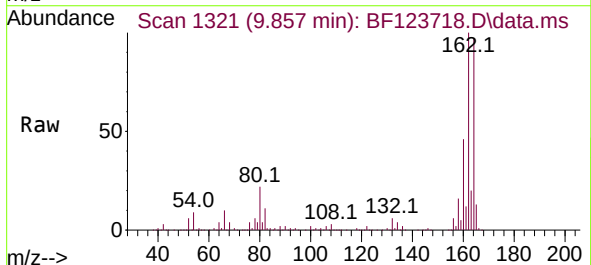
Instrument :
BNA_F
ClientSampleId :
SB-29-9.5-10.0

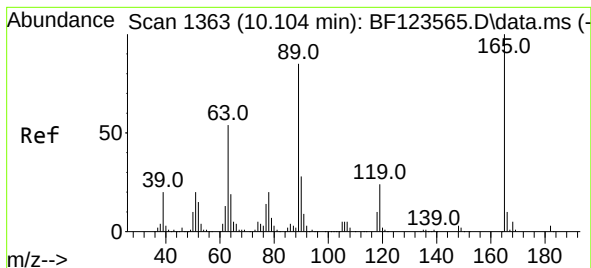
Tgt Ion:172 Resp: 1747436
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.9 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.69 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.188 min
Lab File: BF123718.D
Acq: 24 Apr 2021 15:45

Tgt Ion:165 Resp: 53089
Ion Ratio Lower Upper
165 100
63 1.5 67.7 101.5#
89 1.9 58.8 88.2#

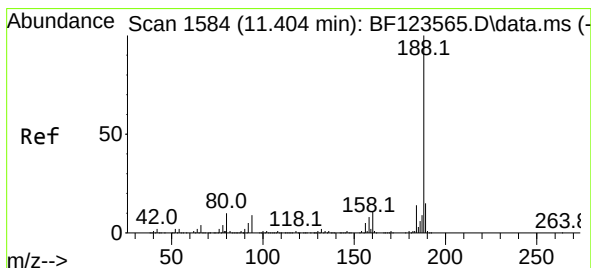
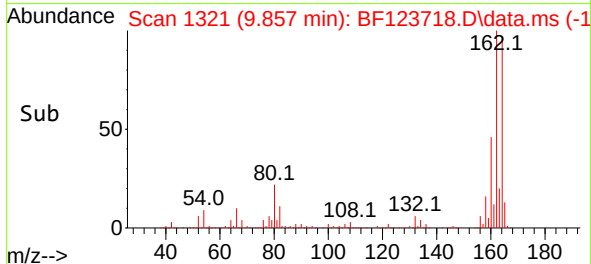
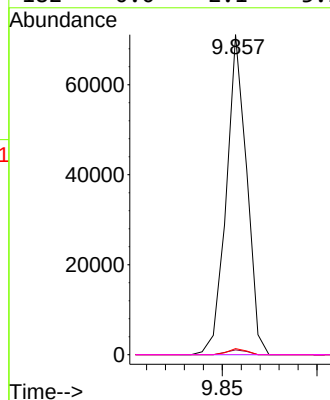
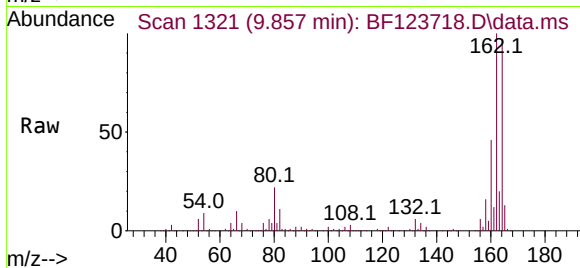




#57
2,4-Dinitrotoluene
Concen: 6.51 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.217 min
Lab File: BF123718.D
Acq: 24 Apr 2021 15:45

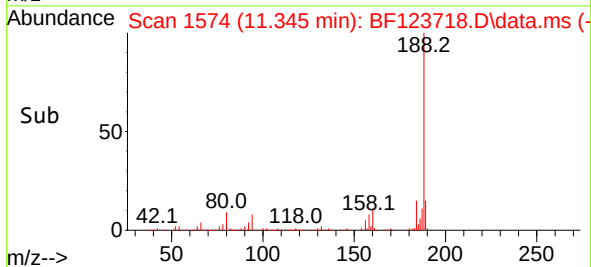
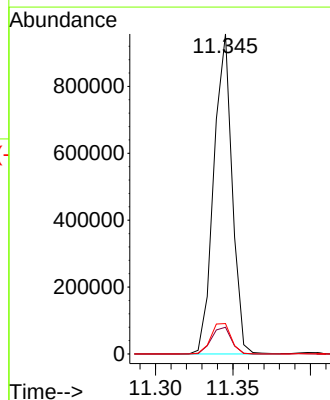
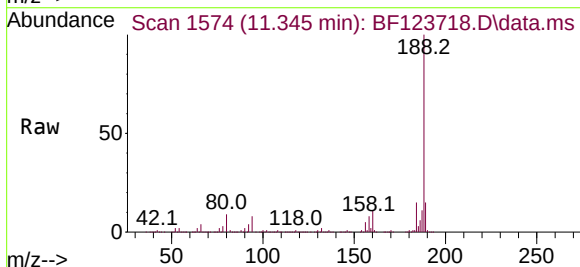
Instrument :
BNA_F
ClientSampleId :
SB-29-9.5-10.0

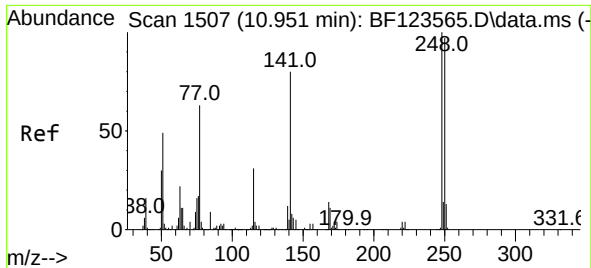
Tgt Ion:165	Resp:	53089
Ion Ratio	Lower	Upper
165	100	
63	1.5	43.5 65.3#
89	1.9	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.029 min
Lab File: BF123718.D
Acq: 24 Apr 2021 15:45

Tgt Ion:188	Resp:	786117
Ion Ratio	Lower	Upper
188	100	
94	8.3	6.9 10.3
80	9.5	8.2 12.2

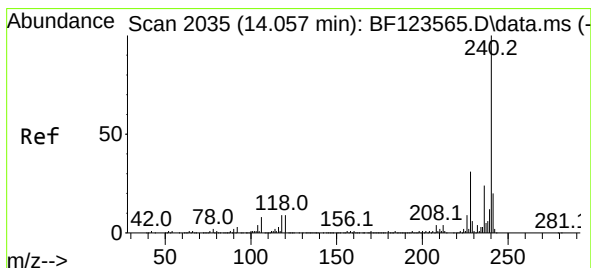
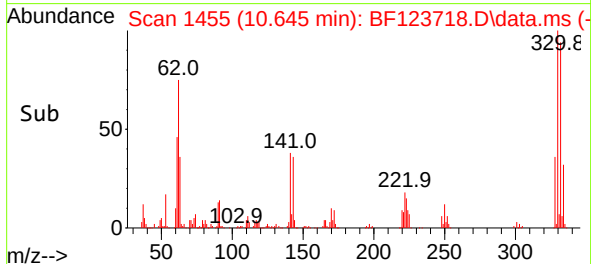
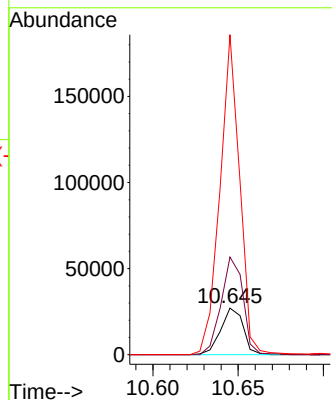
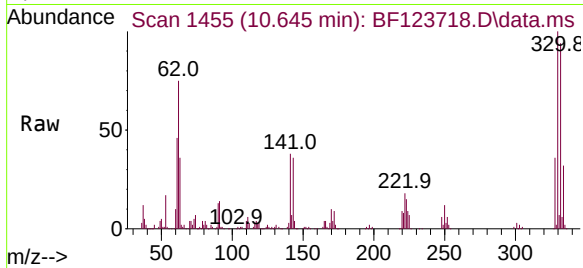




#67
4-Bromophenyl-phenylether
Concen: 3.02 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.270 min
Lab File: BF123718.D
Acq: 24 Apr 2021 15:45

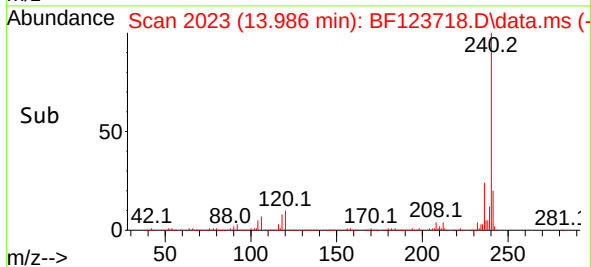
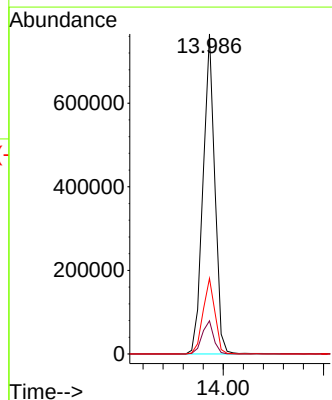
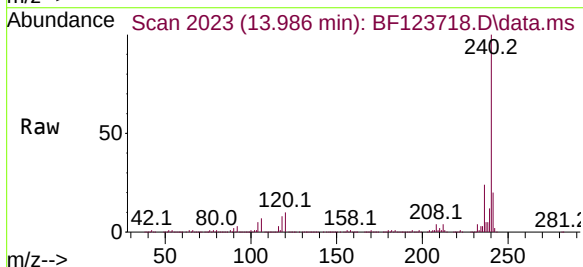
Instrument :
BNA_F
ClientSampleId :
SB-29-9.5-10.0

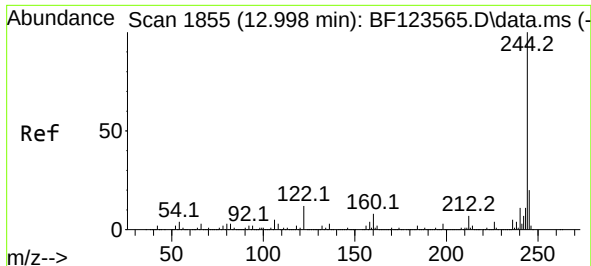
Tgt Ion:248 Resp: 24781
Ion Ratio Lower Upper
248 100
250 209.9 77.4 116.2#
141 688.4 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.035 min
Lab File: BF123718.D
Acq: 24 Apr 2021 15:45

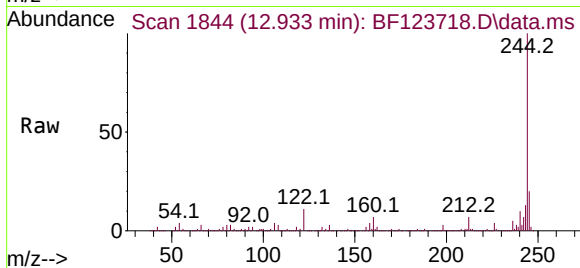
Tgt Ion:240 Resp: 626818
Ion Ratio Lower Upper
240 100
120 10.4 7.2 10.8
236 23.6 19.0 28.4



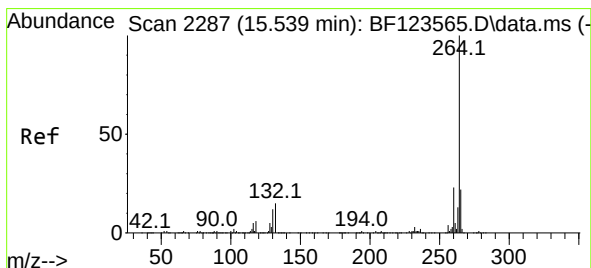
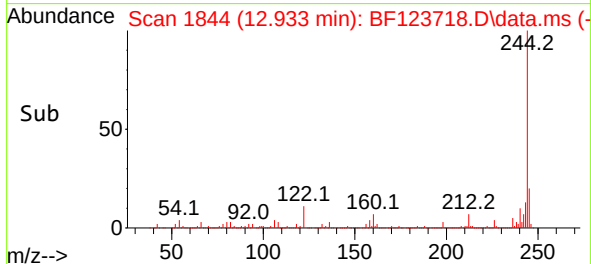
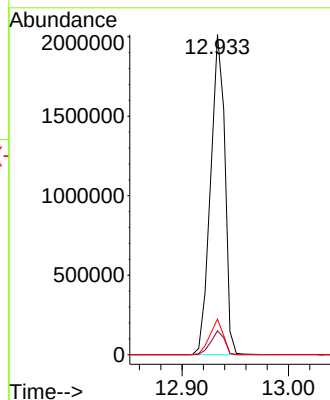


#79
Terphenyl-d14
Concen: 58.33 ng
RT: 12.933 min Scan# 1844
Delta R.T. -0.029 min
Lab File: BF123718.D
Acq: 24 Apr 2021 15:45

Instrument :
BNA_F
ClientSampleId :
SB-29-9.5-10.0



Tgt Ion:244 Resp: 1881375
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 11.2 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.445 min Scan# 2271
Delta R.T. -0.047 min
Lab File: BF123718.D
Acq: 24 Apr 2021 15:45

Tgt Ion:264 Resp: 459892
Ion Ratio Lower Upper
264 100
260 23.2 18.7 28.1
265 22.4 17.8 26.8

