

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042321\
 Data File : BF123702.D
 Acq On : 23 Apr 2021 19:54
 Operator : JU/CG
 Sample : M2151-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-2

Quant Time: Apr 26 01:47:06 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

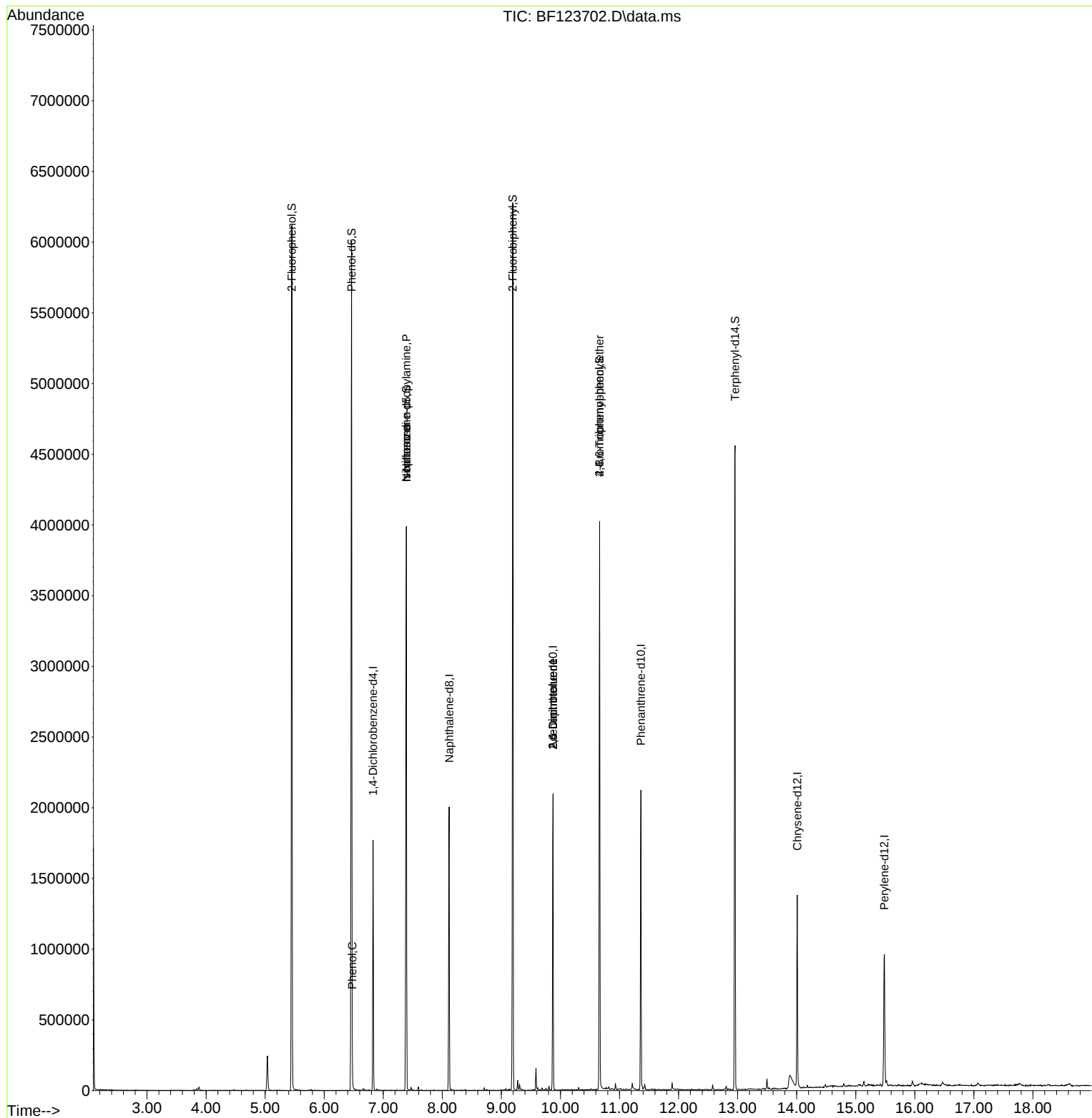
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	213184	20.00	ng	-0.01
21) Naphthalene-d8	8.116	136	794070	20.00	ng	-0.01
39) Acenaphthene-d10	9.874	164	382792	20.00	ng	-0.01
64) Phenanthrene-d10	11.363	188	713083	20.00	ng	-0.01
76) Chrysene-d12	14.010	240	446457	20.00	ng	-0.01
86) Perylene-d12	15.486	264	431549	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1302930	98.78	ng	0.00
7) Phenol-d6	6.463	99	1682505	92.05	ng	-0.01
23) Nitrobenzene-d5	7.392	82	1179591	68.29	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	422012	97.36	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1713690	66.74	ng	-0.01
79) Terphenyl-d14	12.957	244	1554551	67.67	ng	0.00
Target Compounds						
10) Phenol	6.475	94	54375	2.80	ng	89
19) n-Nitroso-di-n-propyla...	7.392	70	156478	12.92	ng	# 75
25) Isophorone	7.392	82	1176581	35.11	ng	# 69
51) 2,6-Dinitrotoluene	9.874	165	47789	8.23	ng	# 11
57) 2,4-Dinitrotoluene	9.874	165	47789	6.16	ng	# 17
67) 4-Bromophenyl-phenylether	10.663	248	23705	3.18	ng	# 1
89) Benzo(k)fluoranthene	15.051	252	7459	Below Cal	#	80
92) Benzo(g,h,i)perylene	17.380	276	3143	Below Cal	#	56

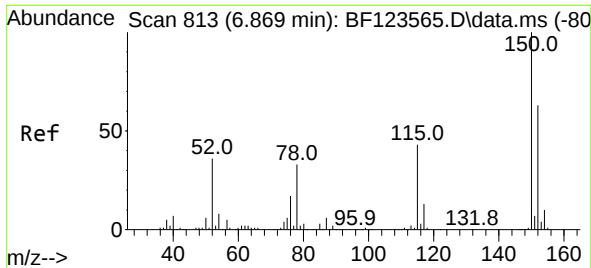
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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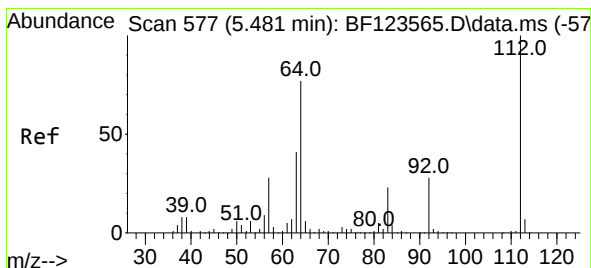
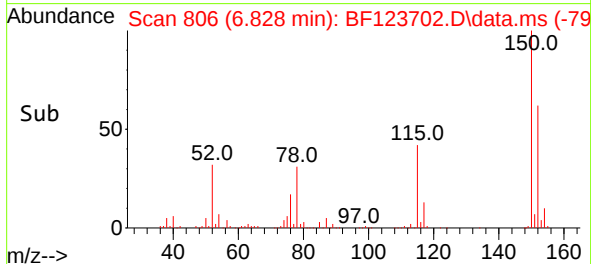
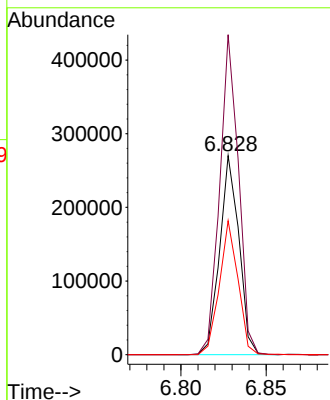
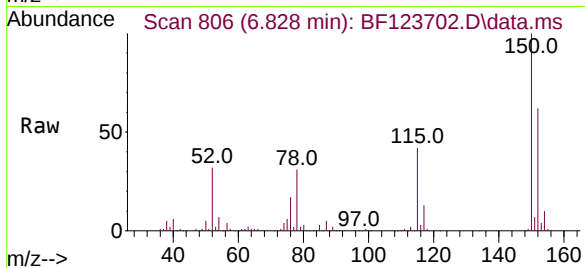




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.011 min
Lab File: BF123702.D
Acq: 23 Apr 2021 19:54

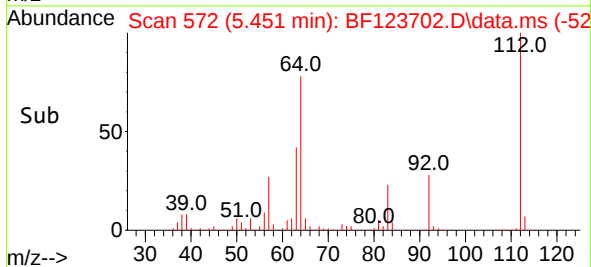
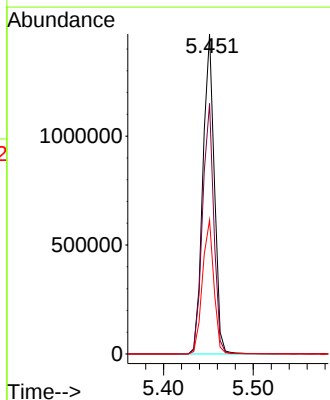
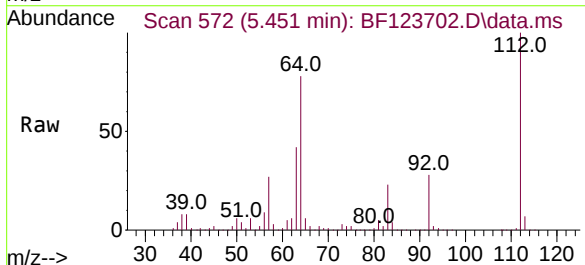
Instrument :
BNA_F
ClientSampleId :
PE-2

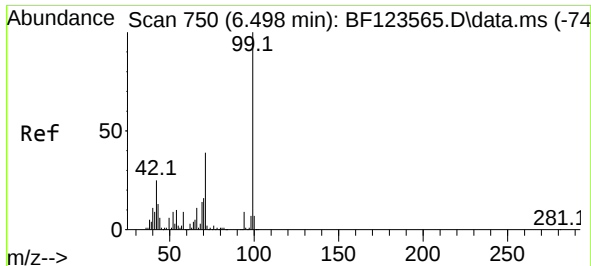
Tgt Ion:152 Resp: 213184
Ion Ratio Lower Upper
152 100
150 160.7 127.0 190.6
115 67.3 54.3 81.5



#5
2-Fluorophenol
Concen: 98.78 ng
RT: 5.451 min Scan# 572
Delta R.T. -0.006 min
Lab File: BF123702.D
Acq: 23 Apr 2021 19:54

Tgt Ion:112 Resp: 1302930
Ion Ratio Lower Upper
112 100
64 78.3 61.4 92.0
63 41.8 33.0 49.4

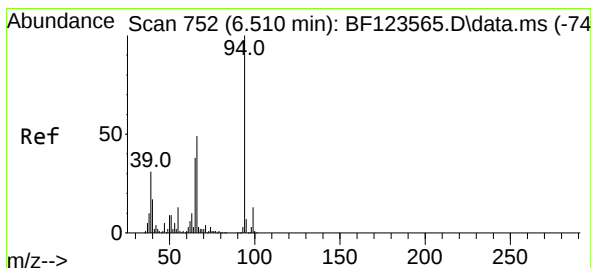
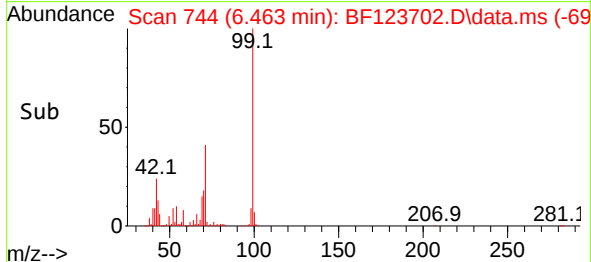
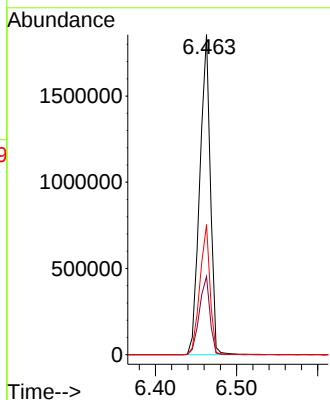
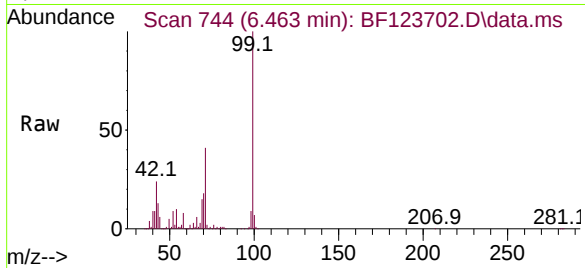




#7
Phenol-d6
Concen: 92.05 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.012 min
Lab File: BF123702.D
Acq: 23 Apr 2021 19:54

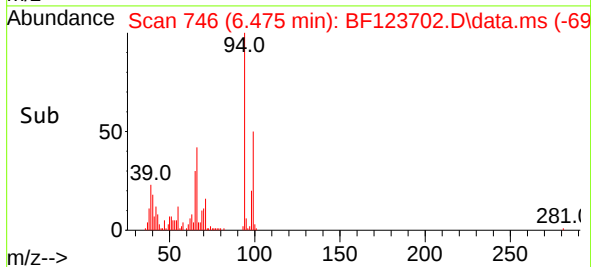
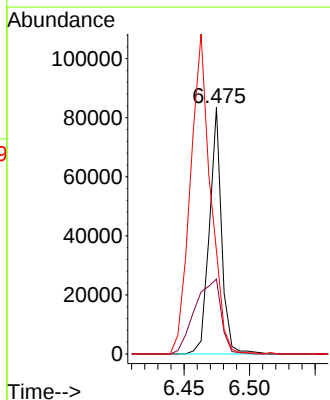
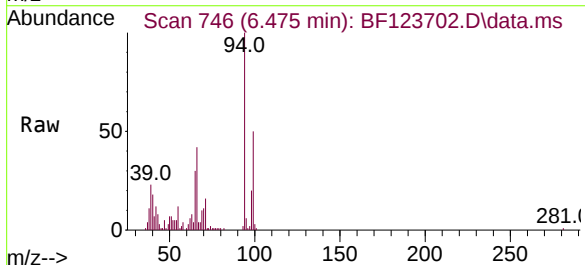
Instrument :
BNA_F
ClientSampled :
PE-2

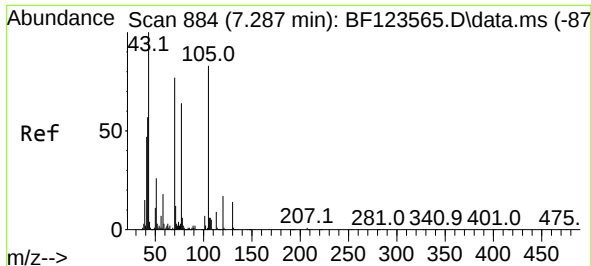
Tgt Ion: 99 Resp: 1682505
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.8
71 40.6 31.1 46.7



#10
Phenol
Concen: 2.80 ng
RT: 6.475 min Scan# 746
Delta R.T. -0.018 min
Lab File: BF123702.D
Acq: 23 Apr 2021 19:54

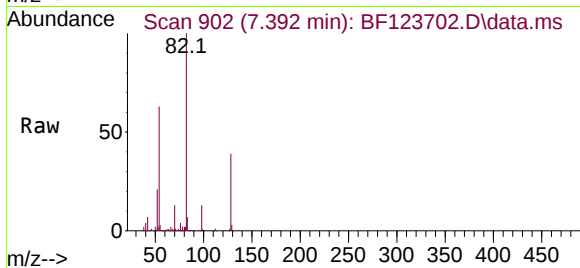
Tgt Ion: 94 Resp: 54375
Ion Ratio Lower Upper
94 100
65 30.4 18.1 58.1
66 41.9 29.0 69.0



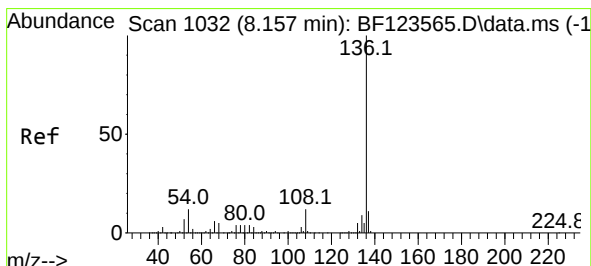
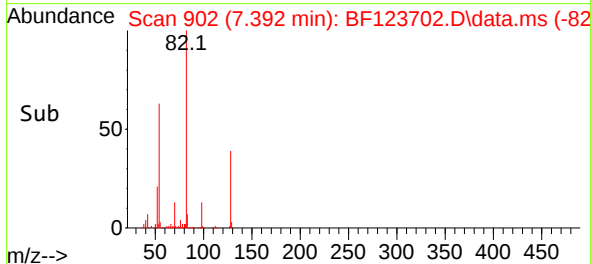
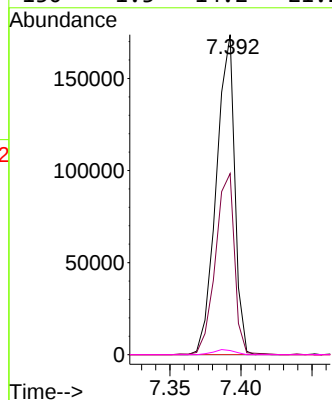


#19
n-Nitroso-di-n-propylamine
Concen: 12.92 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.135 min
Lab File: BF123702.D
Acq: 23 Apr 2021 19:54

Instrument :
BNA_F
ClientSampled :
PE-2

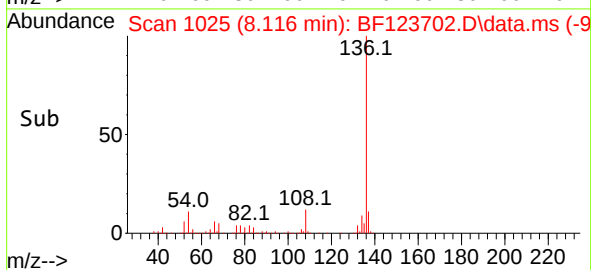
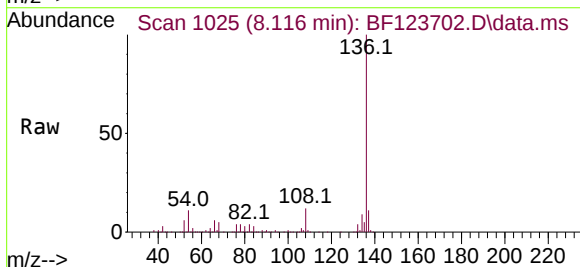
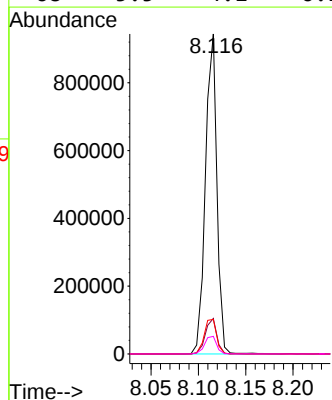


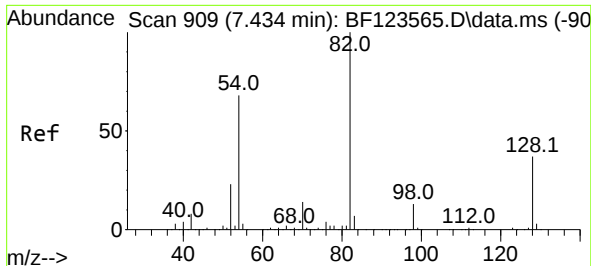
Tgt Ion: 70 Resp: 156478
Ion Ratio Lower Upper
70 100
42 56.6 60.1 90.1#
101 0.0 7.4 11.2#
130 1.3 14.2 21.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.012 min
Lab File: BF123702.D
Acq: 23 Apr 2021 19:54

Tgt Ion: 136 Resp: 794070
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 10.8 9.8 14.6
68 5.5 4.1 6.1





#23

Nitrobenzene-d5

Concen: 68.29 ng

RT: 7.392 min Scan# 902

Delta R.T. -0.012 min

Lab File: BF123702.D

Acq: 23 Apr 2021 19:54

Tgt Ion: 82 Resp: 1179591

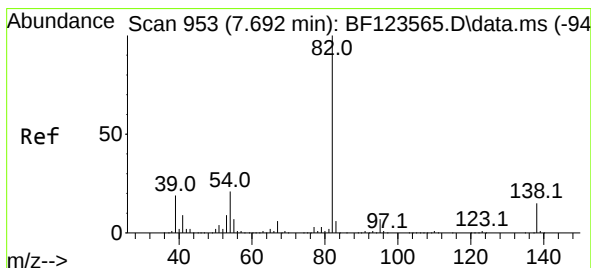
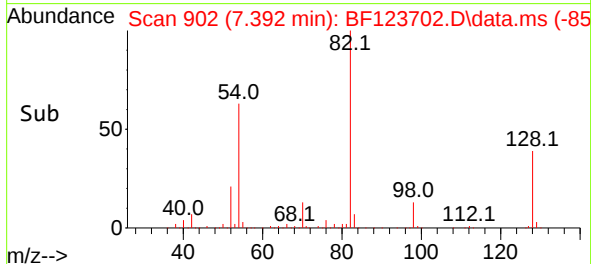
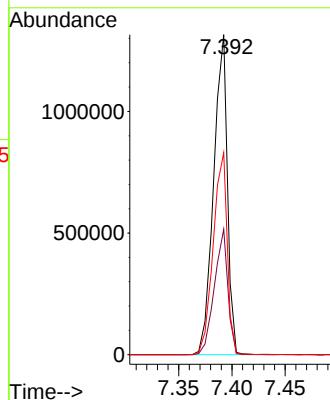
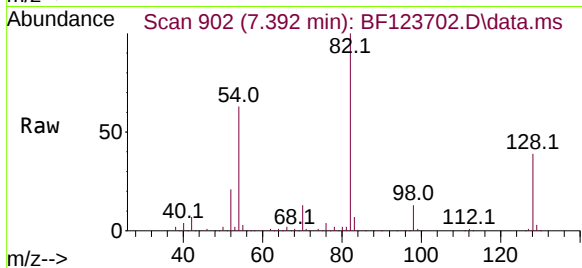
Ion	Ratio	Lower	Upper
82	100		
128	39.2	29.4	44.2
54	63.1	54.1	81.1

Instrument :

BNA_F

ClientSampled :

PE-2



#25

Isophorone

Concen: 35.11 ng

RT: 7.392 min Scan# 902

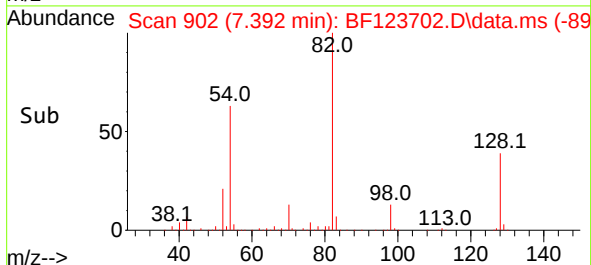
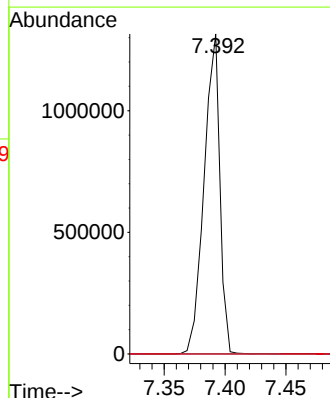
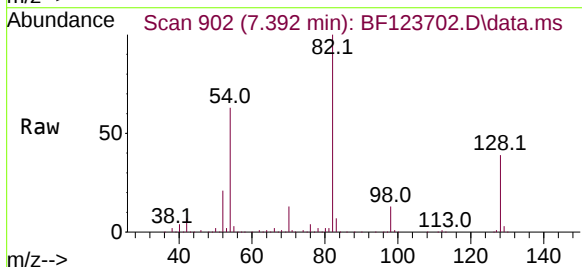
Delta R.T. -0.271 min

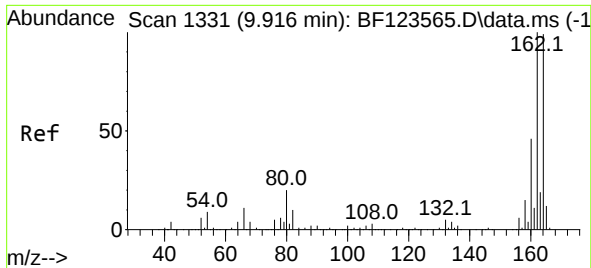
Lab File: BF123702.D

Acq: 23 Apr 2021 19:54

Tgt Ion: 82 Resp: 1176581

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

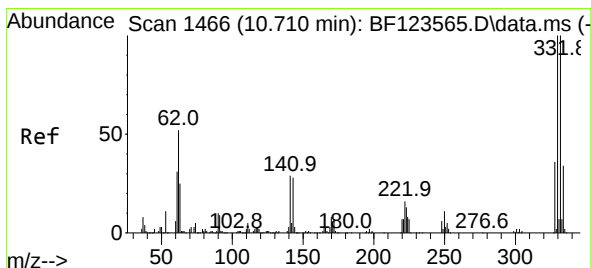
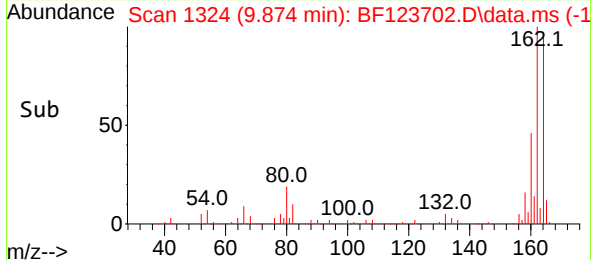
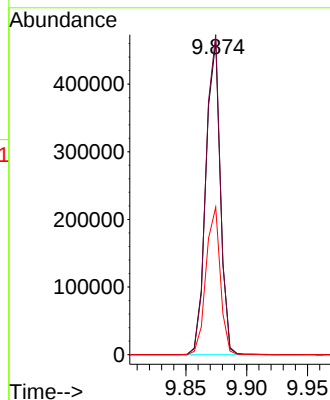
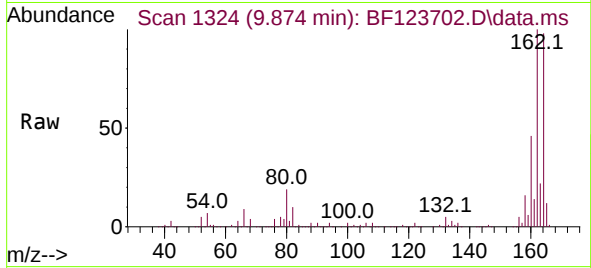




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF123702.D
Acq: 23 Apr 2021 19:54

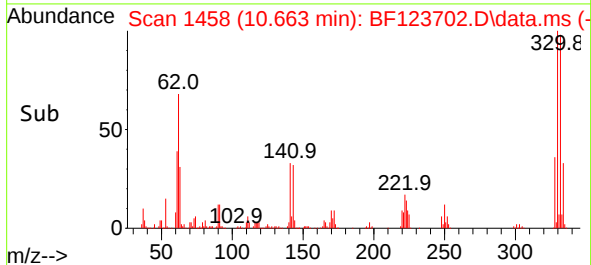
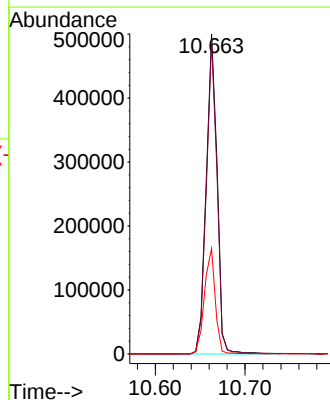
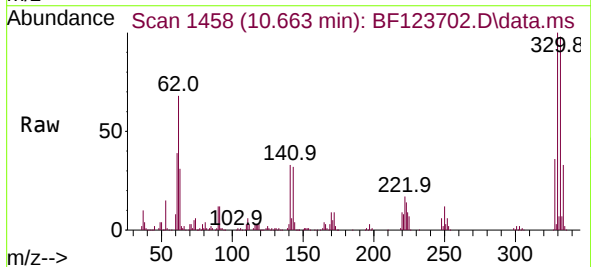
Instrument :
BNA_F
ClientSampleId :
PE-2

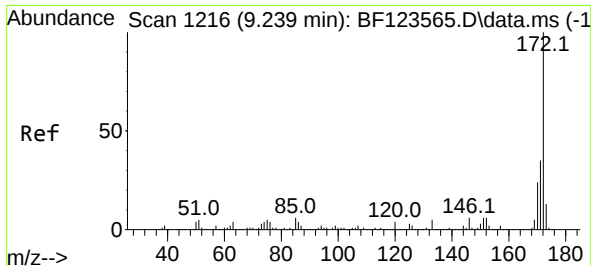
Tgt Ion:164 Resp: 382792
Ion Ratio Lower Upper
164 100
162 102.1 80.7 121.1
160 47.0 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 97.36 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF123702.D
Acq: 23 Apr 2021 19:54

Tgt Ion:330 Resp: 422012
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 32.8 27.9 41.9

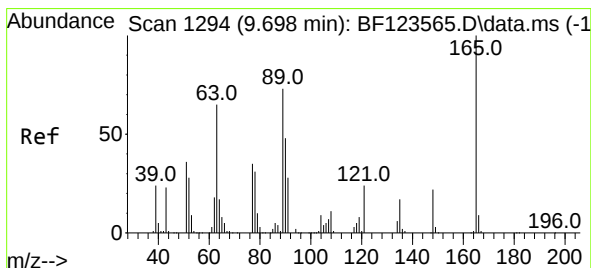
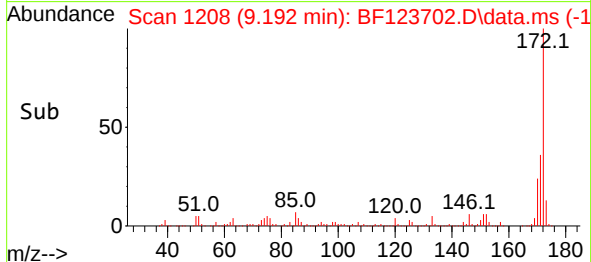
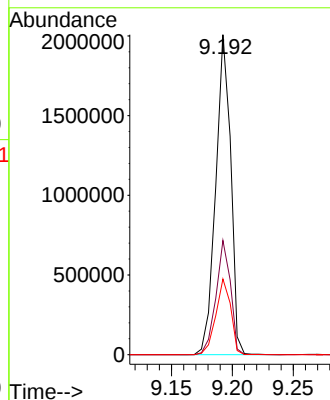
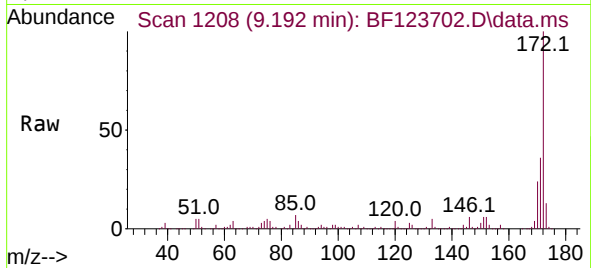




#45
2-Fluorobiphenyl
Concen: 66.74 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF123702.D
Acq: 23 Apr 2021 19:54

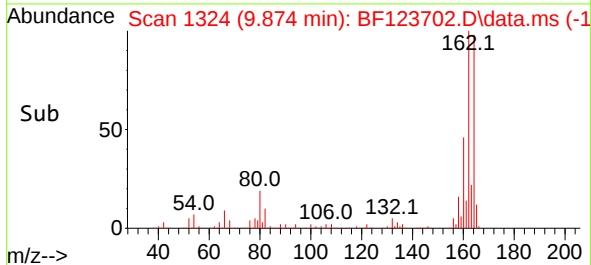
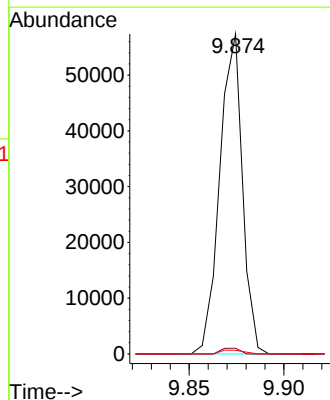
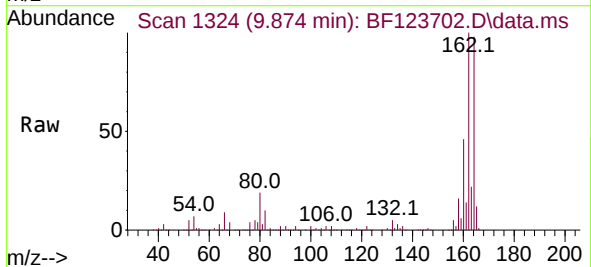
Instrument :
BNA_F
ClientSampled :
PE-2

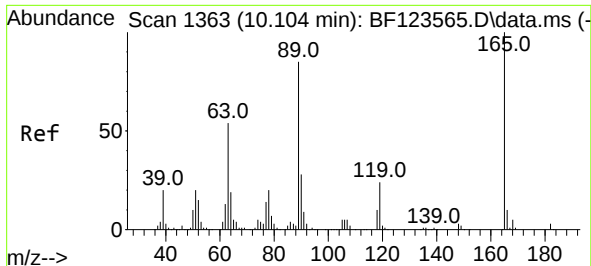
Tgt Ion:172 Resp: 1713690
Ion Ratio Lower Upper
172 100
171 35.7 28.1 42.1
170 23.7 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 8.23 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF123702.D
Acq: 23 Apr 2021 19:54

Tgt Ion:165 Resp: 47789
Ion Ratio Lower Upper
165 100
63 1.8 67.7 101.5#
89 1.2 58.8 88.2#

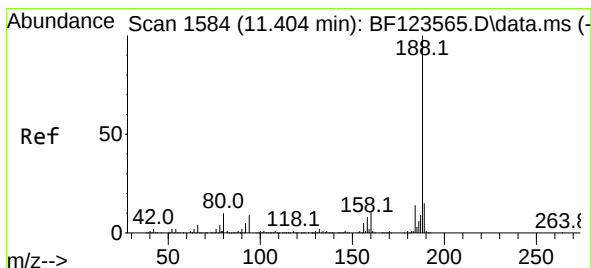
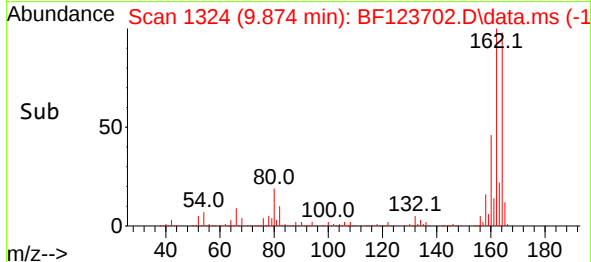
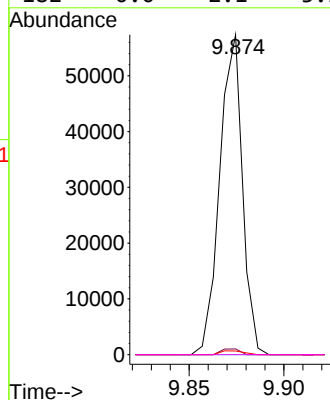
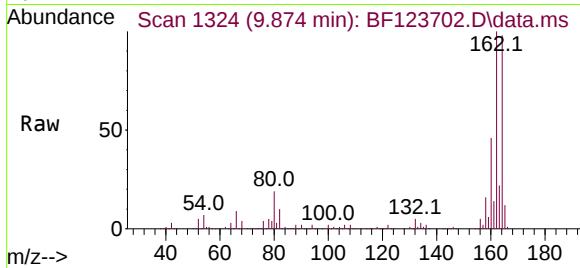




#57
2,4-Dinitrotoluene
Concen: 6.16 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.200 min
Lab File: BF123702.D
Acq: 23 Apr 2021 19:54

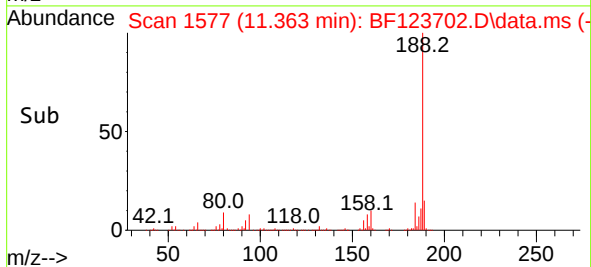
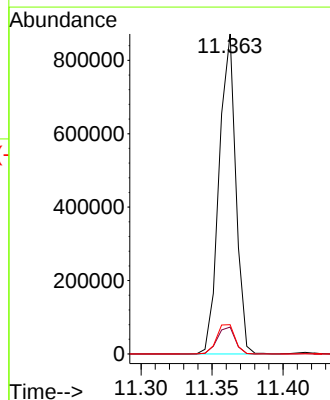
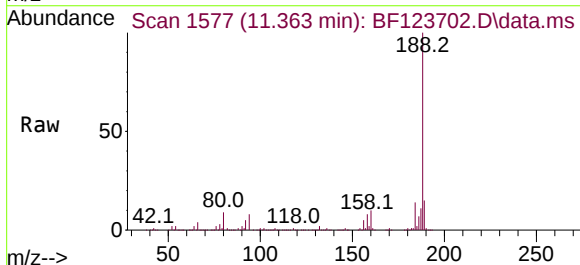
Instrument :
BNA_F
ClientSampled :
PE-2

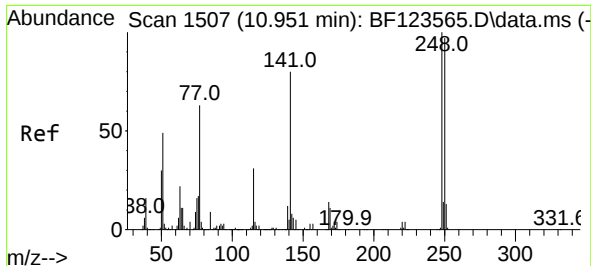
Tgt Ion:165	Resp:	47789
Ion Ratio	Lower	Upper
165	100	
63	1.8	43.5 65.3#
89	1.2	67.7 101.5#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.012 min
Lab File: BF123702.D
Acq: 23 Apr 2021 19:54

Tgt Ion:188	Resp:	713083
Ion Ratio	Lower	Upper
188	100	
94	8.4	6.9 10.3
80	9.1	8.2 12.2

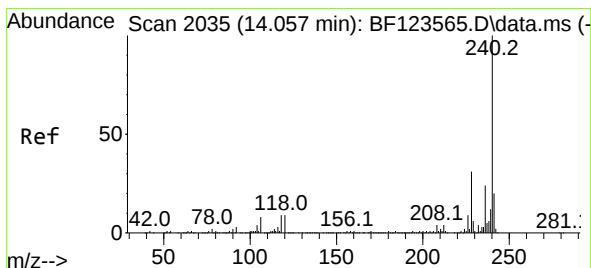
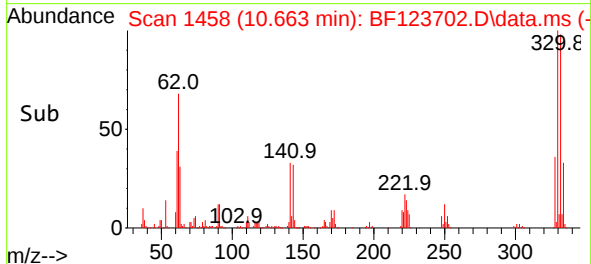
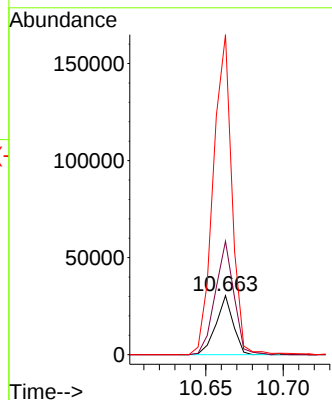
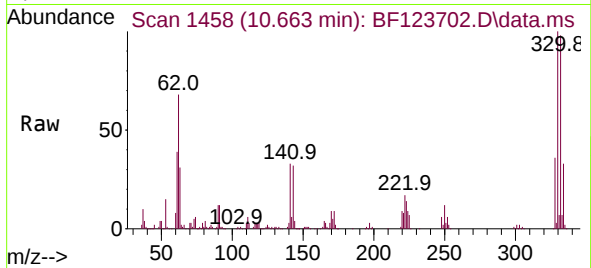




#67
4-Bromophenyl-phenylether
Concen: 3.18 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.253 min
Lab File: BF123702.D
Acq: 23 Apr 2021 19:54

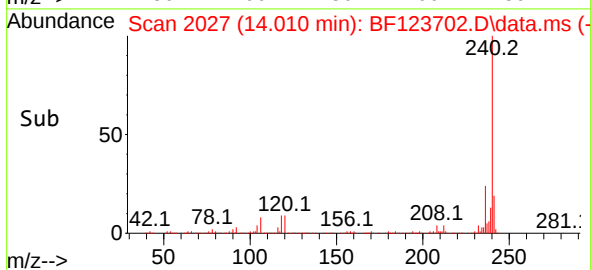
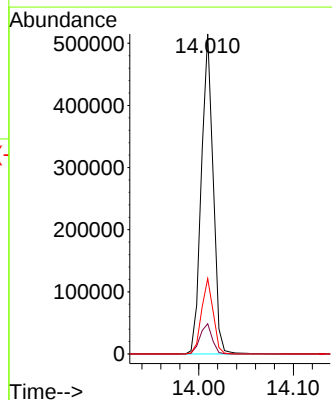
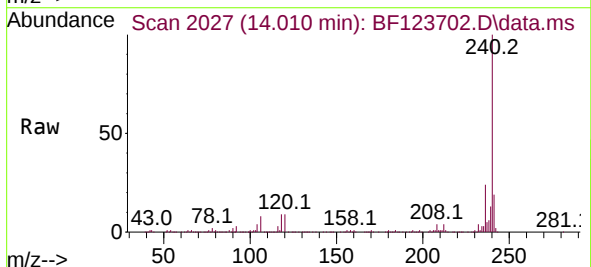
Instrument :
BNA_F
ClientSampled :
PE-2

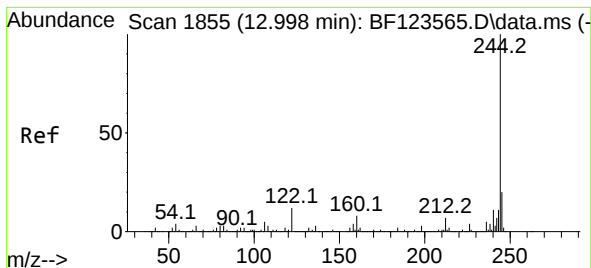
Tgt Ion:248 Resp: 23705
Ion Ratio Lower Upper
248 100
250 191.9 77.4 116.2#
141 541.3 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF123702.D
Acq: 23 Apr 2021 19:54

Tgt Ion:240 Resp: 446457
Ion Ratio Lower Upper
240 100
120 9.4 7.2 10.8
236 23.6 19.0 28.4





#79

Terphenyl-d14

Concen: 67.67 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF123702.D

Acq: 23 Apr 2021 19:54

Tgt Ion:244 Resp: 1554551

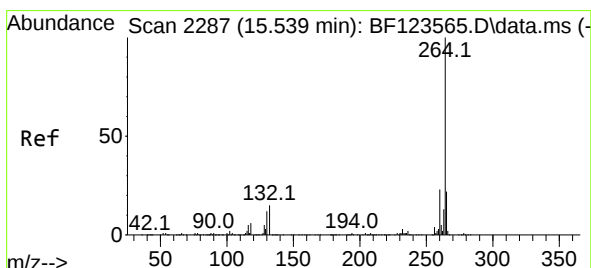
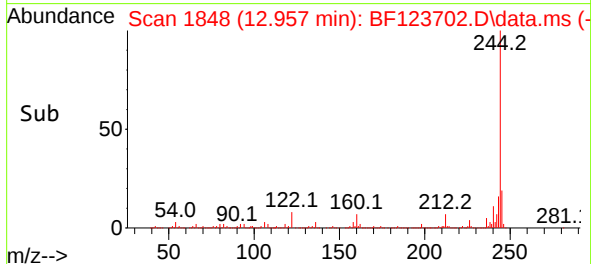
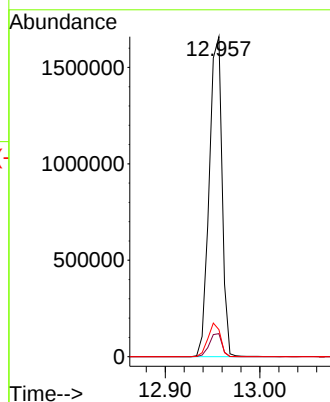
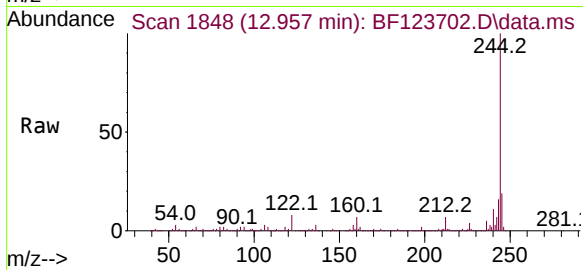
Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	8.5	9.7	14.5#

Instrument :

BNA_F

ClientSampleId :

PE-2



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF123702.D

Acq: 23 Apr 2021 19:54

Tgt Ion:264 Resp: 431549

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	20.7	17.8	26.8

