

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126425.D
 Acq On : 30 Dec 2021 18:19
 Operator : JU/CG
 Sample : M5241-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2S

Quant Time: Dec 31 00:37:33 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

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

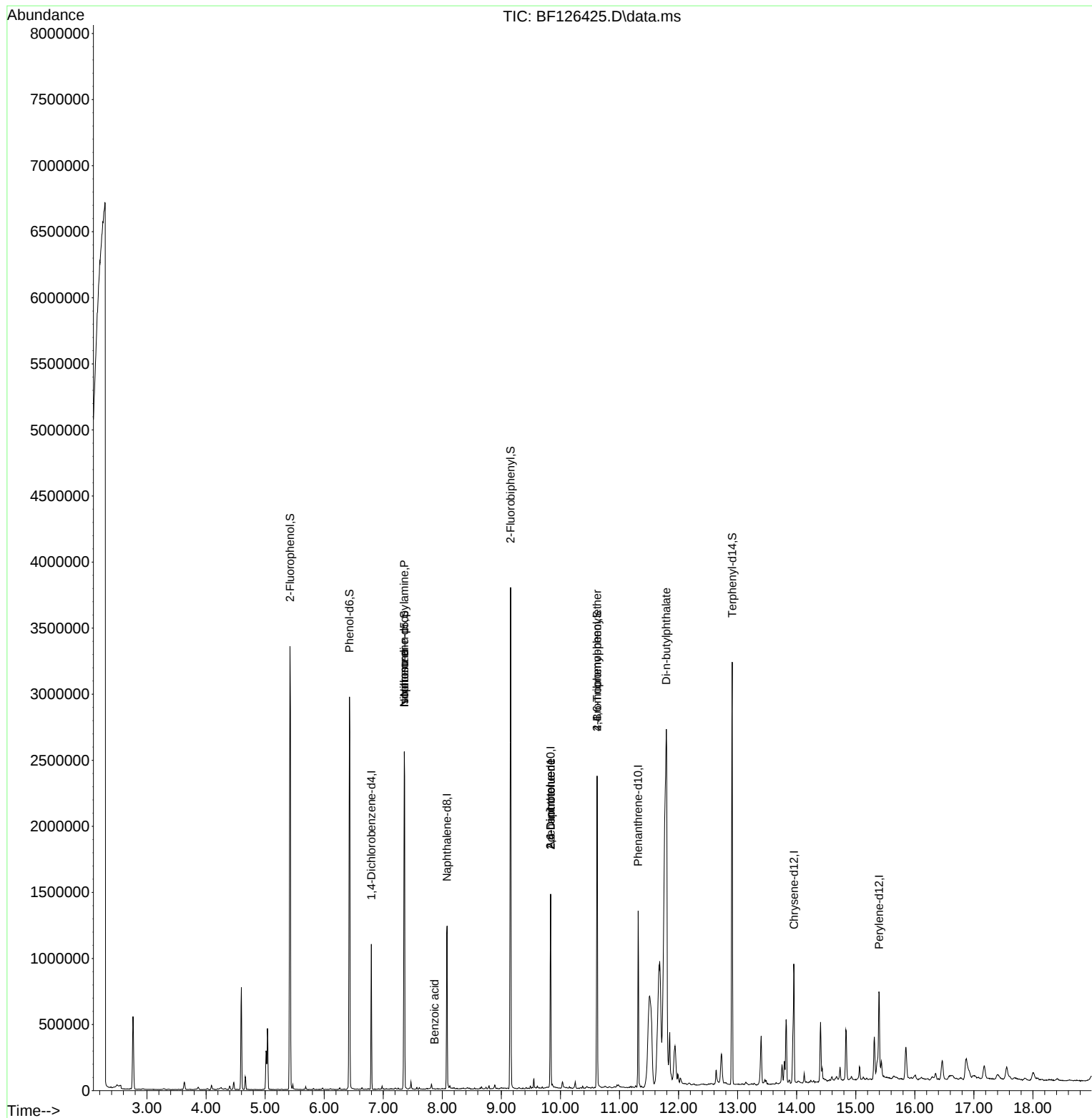
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	134817	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	578431	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	273952	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	434477	20.000	ng	0.00
76) Chrysene-d12	13.957	240	260264	20.000	ng	0.00
86) Perylene-d12	15.398	264	236407	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1054011	112.272	ng	0.02
7) Phenol-d6	6.428	99	1204643	99.071	ng	0.00
23) Nitrobenzene-d5	7.357	82	978709	86.878	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	288476	136.270	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1287026	82.672	ng	0.00
79) Terphenyl-d14	12.910	244	1105627	82.538	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.357	70	124007	17.872	ng	# 83
25) Isophorone	7.357	82	974586	48.327	ng	# 69
32) Benzoic acid	7.869	122	656	7.174	ng	# 36
51) 2,6-Dinitrotoluene	9.833	165	34594	9.366	ng	# 21
57) 2,4-Dinitrotoluene	9.833	165	34594	7.260	ng	# 15
67) 4-Bromophenyl-phenylether	10.622	248	15351	3.981	ng	# 1
74) Di-n-butylphthalate	11.792	149	2398852	96.812	ng	# 94
77) Benzidine	12.910	184	14380	Below Cal		# 97

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

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration

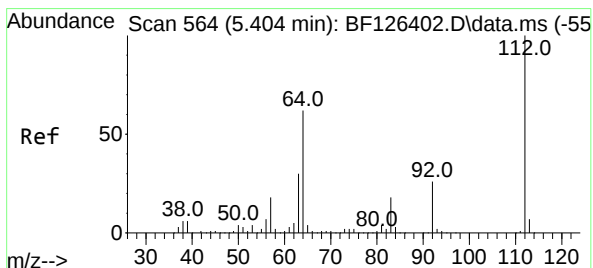
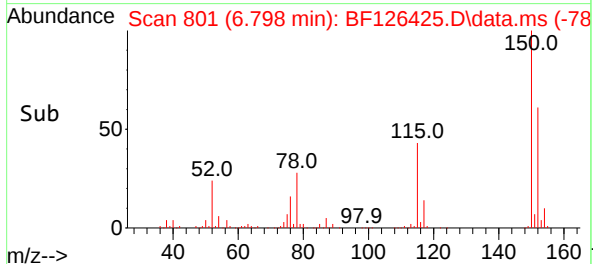
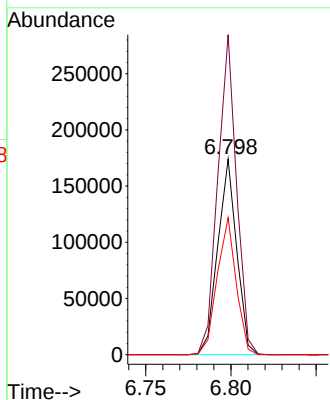
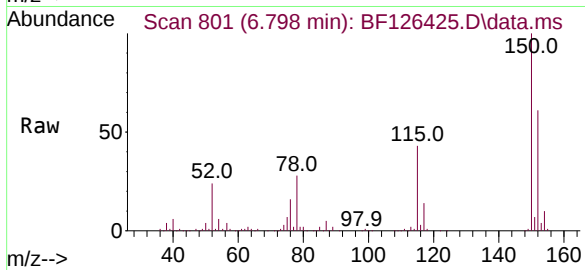




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF126425.D
Acq: 30 Dec 2021 18:19

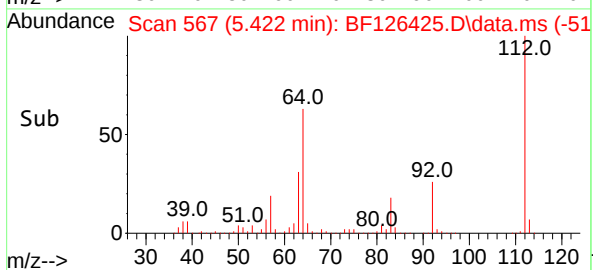
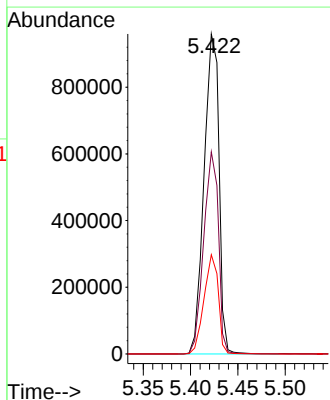
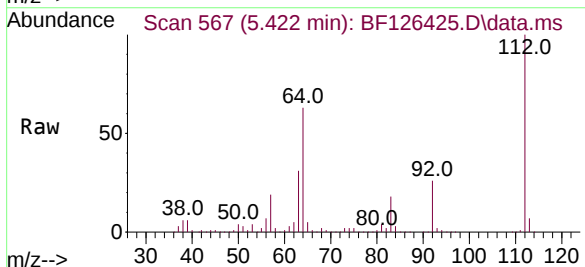
Instrument :
BNA_F
ClientSampleId :
TP-2S

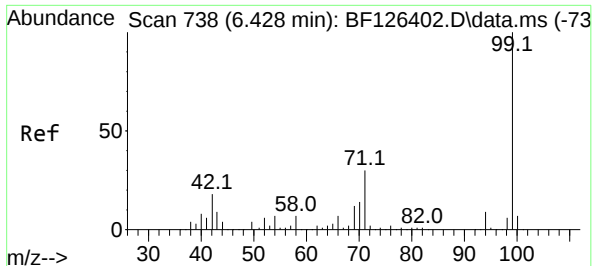
Tgt Ion:152 Resp: 134817
Ion Ratio Lower Upper
152 100
150 163.5 128.1 192.1
115 70.0 56.7 85.1



#5
2-Fluorophenol
Concen: 112.272 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF126425.D
Acq: 30 Dec 2021 18:19

Tgt Ion:112 Resp: 1054011
Ion Ratio Lower Upper
112 100
64 63.1 49.5 74.3
63 31.0 23.9 35.9

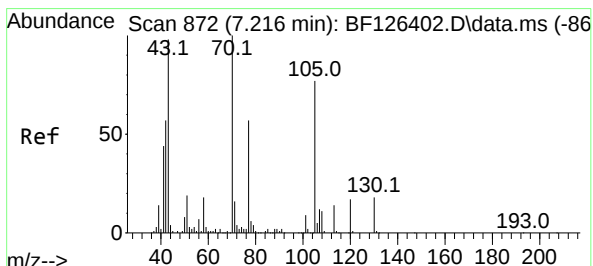
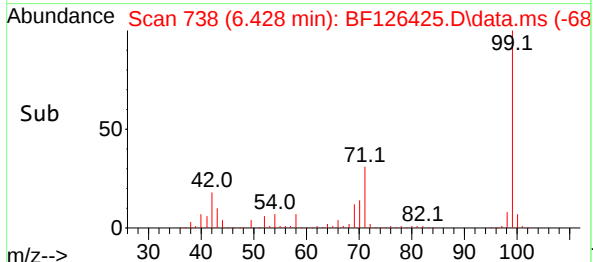
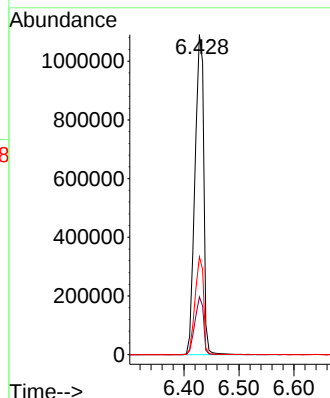
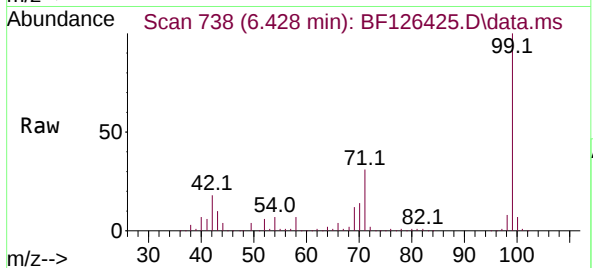




#7
Phenol-d6
Concen: 99.071 ng
RT: 6.428 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126425.D
Acq: 30 Dec 2021 18:19

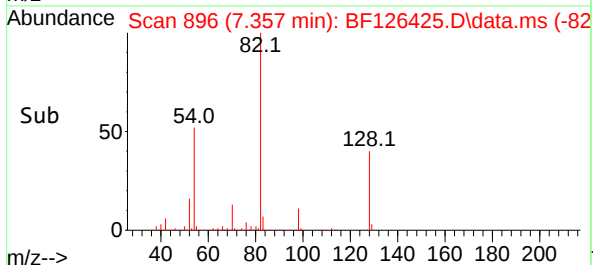
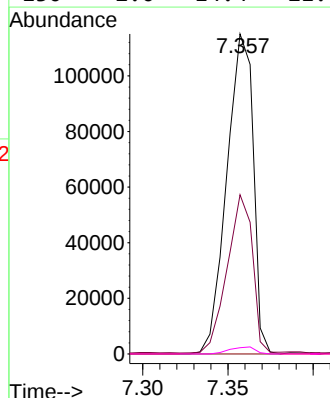
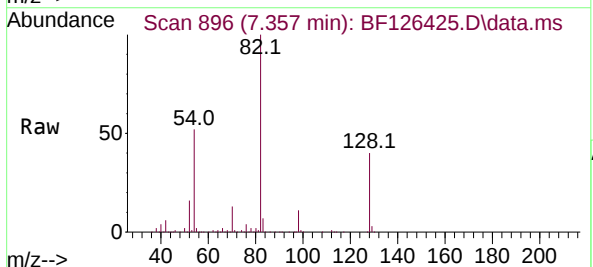
Instrument :
BNA_F
ClientSampleId :
TP-2S

Tgt Ion: 99 Resp: 1204643
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 30.6 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.872 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.141 min
Lab File: BF126425.D
Acq: 30 Dec 2021 18:19

Tgt Ion: 70 Resp: 124007
Ion Ratio Lower Upper
70 100
42 49.8 45.8 68.8
101 0.0 6.9 10.3#
130 2.0 14.4 21.6#



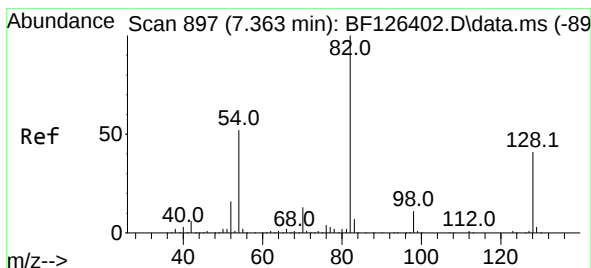
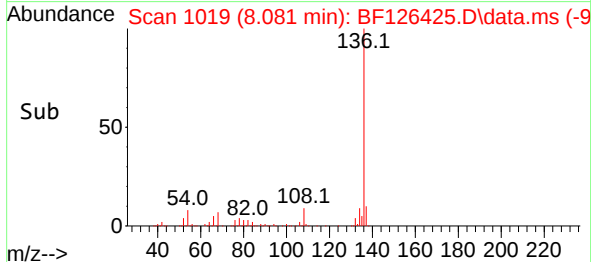
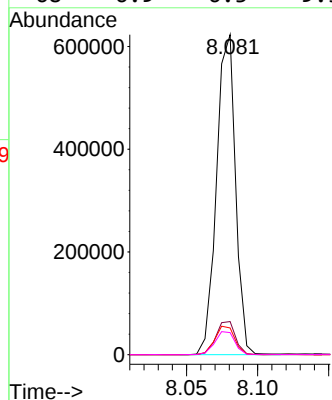
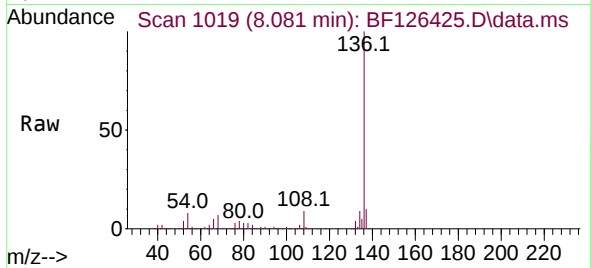


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126425.D
Acq: 30 Dec 2021 18:19

Instrument :
BNA_F
ClientSampleId :
TP-2S

Tgt Ion:136 Resp: 578431

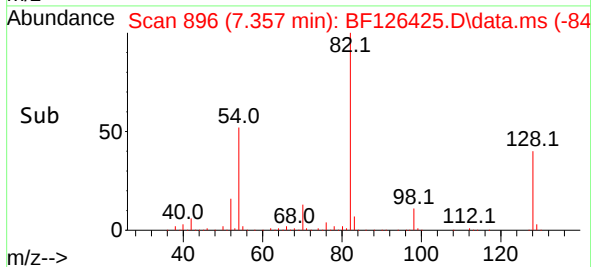
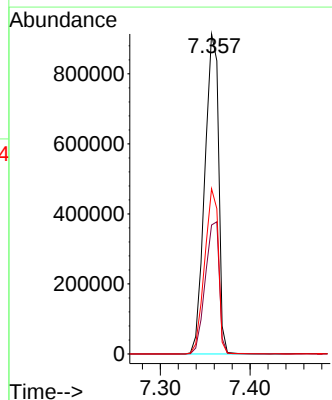
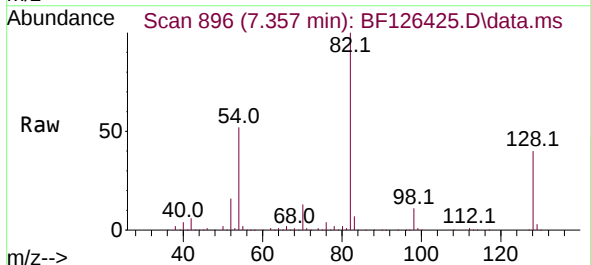
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	13.0
54	8.3	7.8	11.6
68	6.9	6.3	9.5



#23
Nitrobenzene-d5
Concen: 86.878 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126425.D
Acq: 30 Dec 2021 18:19

Tgt Ion: 82 Resp: 978709

Ion	Ratio	Lower	Upper
82	100		
128	40.3	32.7	49.1
54	51.7	41.7	62.5

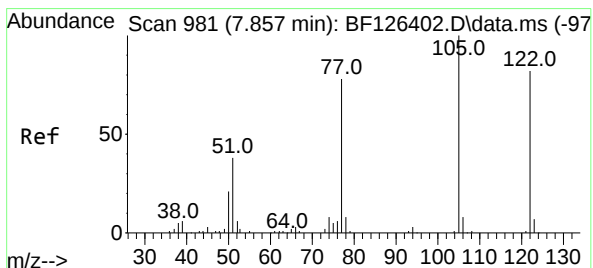
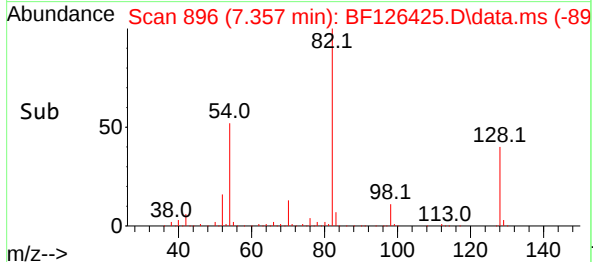
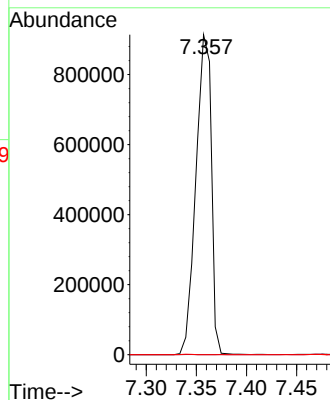
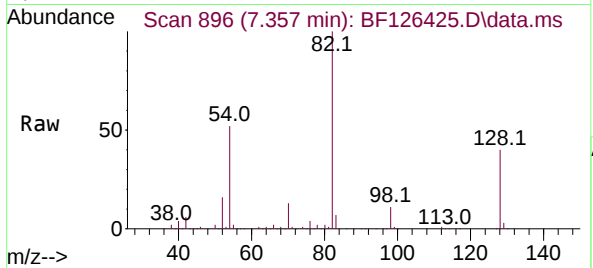




#25
Isophorone
Concen: 48.327 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.265 min
Lab File: BF126425.D
Acq: 30 Dec 2021 18:19

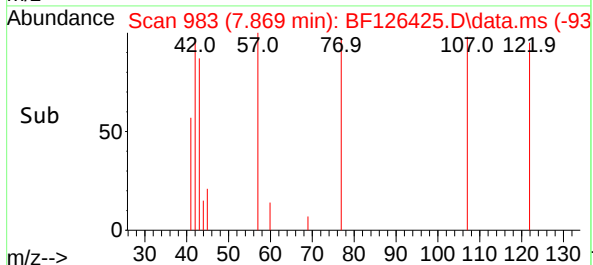
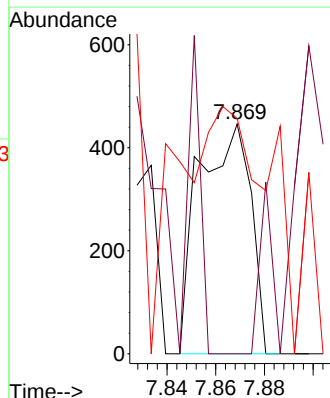
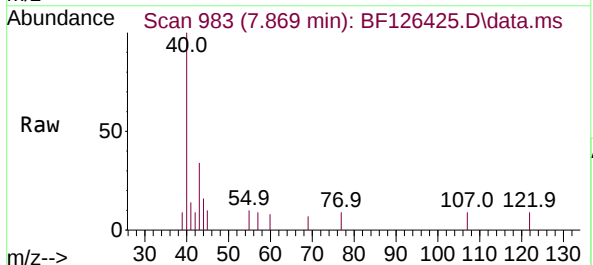
Instrument :
BNA_F
ClientSampleId :
TP-2S

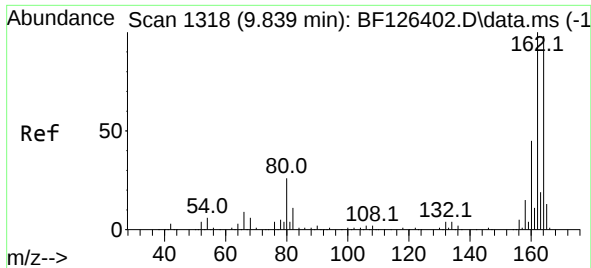
Tgt Ion: 82 Resp: 974586
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 7.174 ng
RT: 7.869 min Scan# 983
Delta R.T. 0.012 min
Lab File: BF126425.D
Acq: 30 Dec 2021 18:19

Tgt Ion: 122 Resp: 656
Ion Ratio Lower Upper
122 100
105 0.0 101.0 141.0#
77 102.5 74.5 114.5

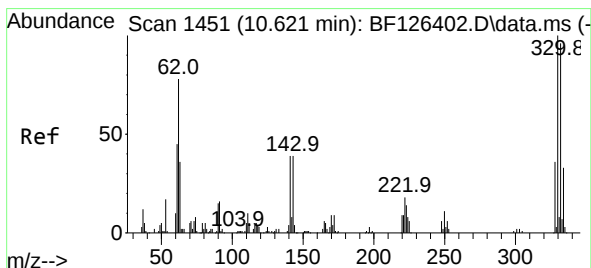
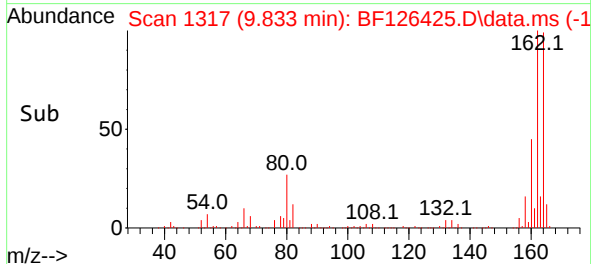
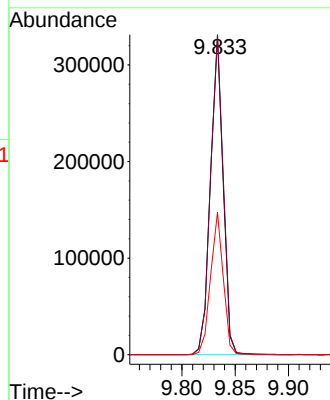
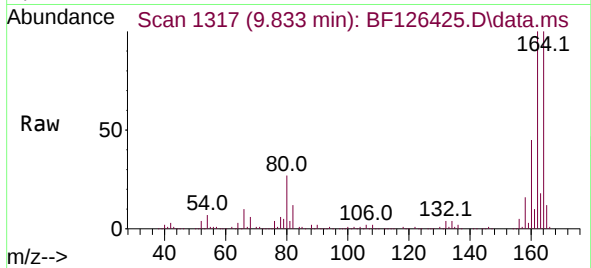




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126425.D
Acq: 30 Dec 2021 18:19

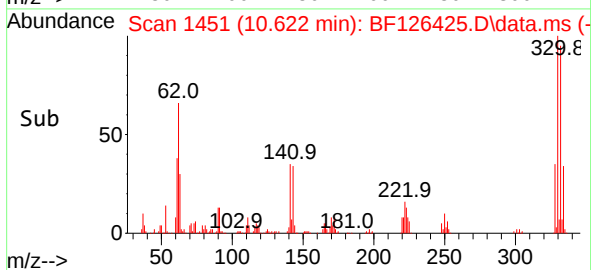
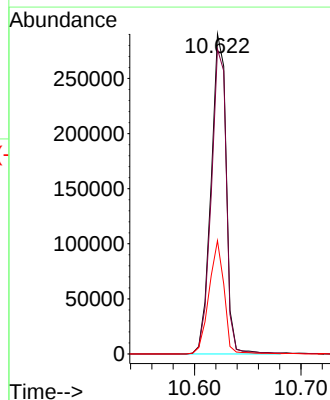
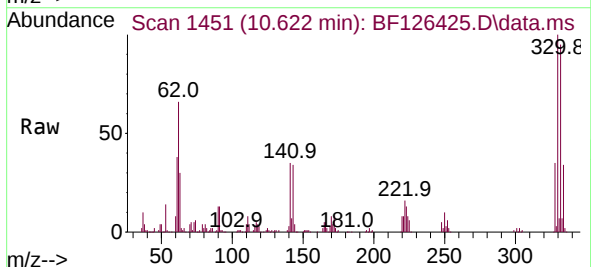
Instrument :
BNA_F
ClientSampleId :
TP-2S

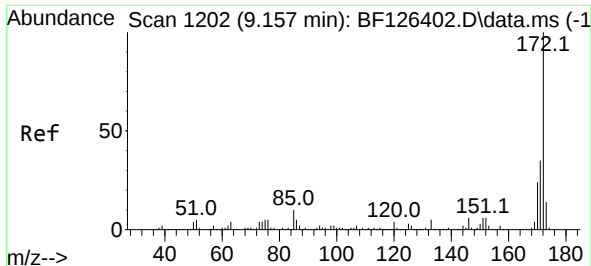
Tgt Ion:164 Resp: 273952
Ion Ratio Lower Upper
164 100
162 100.2 81.4 122.0
160 44.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 136.270 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126425.D
Acq: 30 Dec 2021 18:19

Tgt Ion:330 Resp: 288476
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 35.1 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 82.672 ng

RT: 9.157 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF126425.D

Acq: 30 Dec 2021 18:19

Instrument :

BNA_F

ClientSampleId :

TP-2S

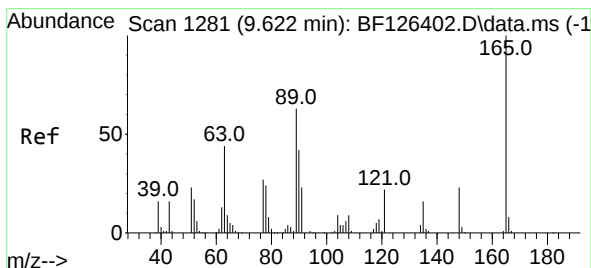
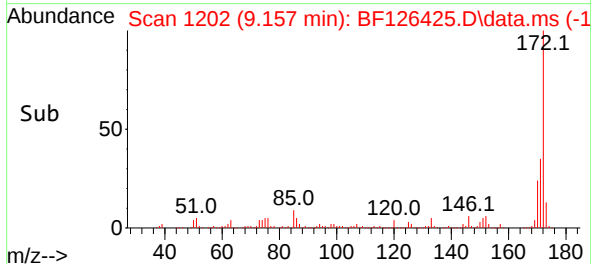
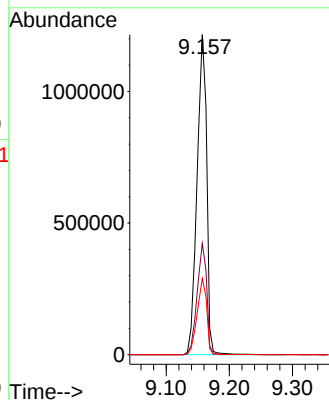
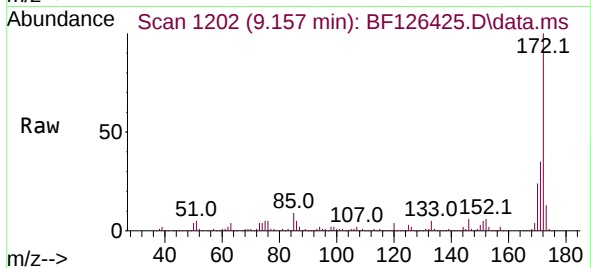
Tgt Ion:172 Resp: 1287026

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.8 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.366 ng

RT: 9.833 min Scan# 1317

Delta R.T. 0.212 min

Lab File: BF126425.D

Acq: 30 Dec 2021 18:19

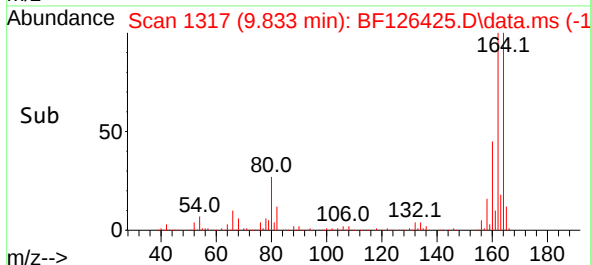
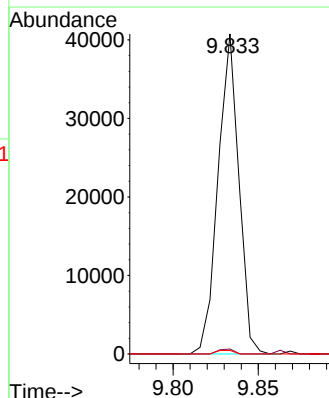
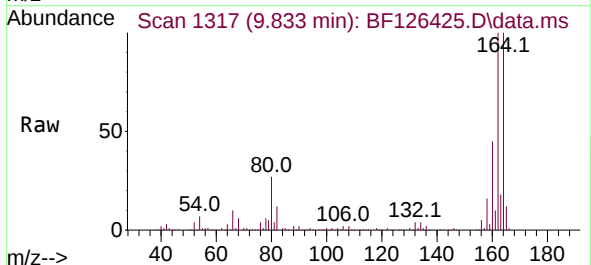
Tgt Ion:165 Resp: 34594

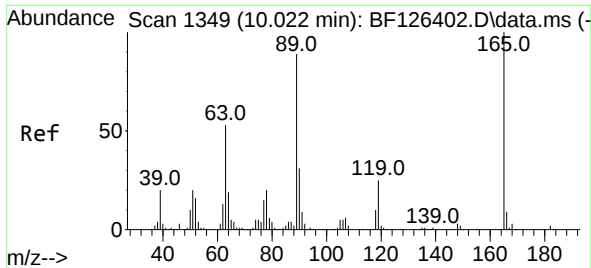
Ion Ratio Lower Upper

165 100

63 1.5 48.4 72.6#

89 1.1 50.5 75.7#

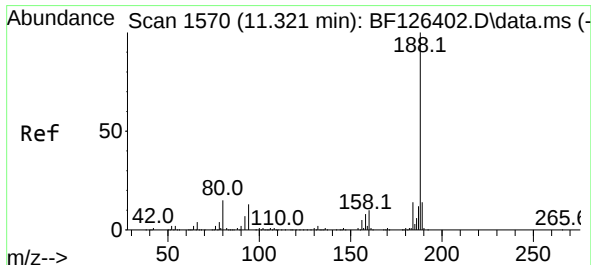
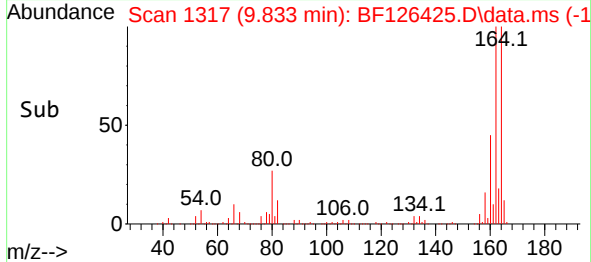
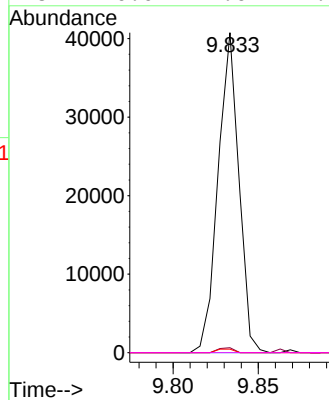
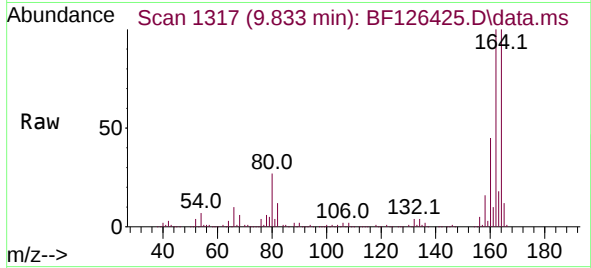




#57
2,4-Dinitrotoluene
Concen: 7.260 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126425.D
Acq: 30 Dec 2021 18:19

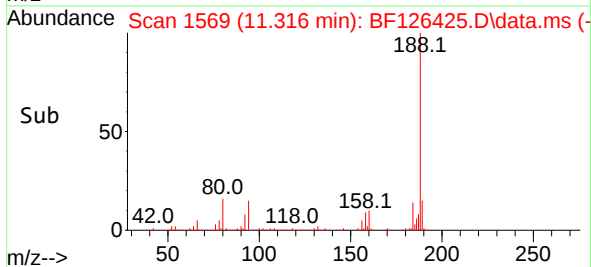
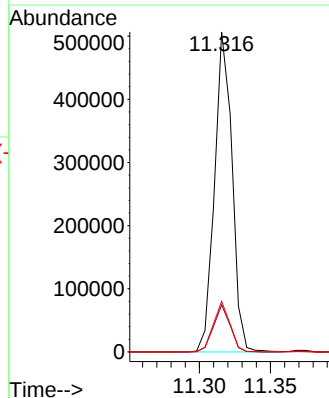
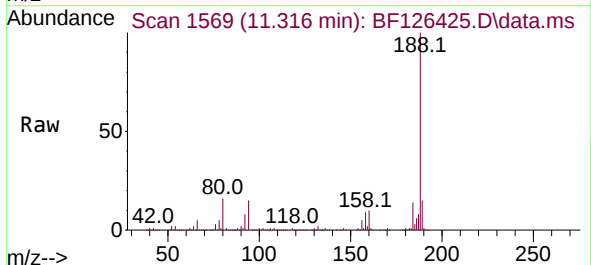
Instrument :
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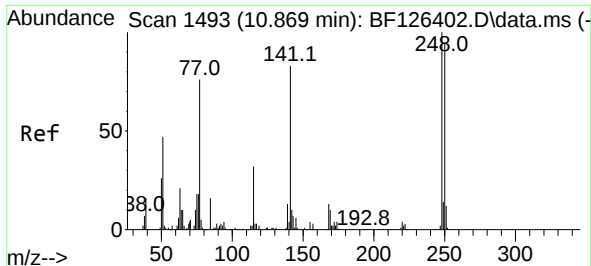
Tgt Ion:165 Resp: 34594
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.1 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF126425.D
Acq: 30 Dec 2021 18:19

Tgt Ion:188 Resp: 434477
Ion Ratio Lower Upper
188 100
94 14.7 10.1 15.1
80 15.8 11.8 17.6

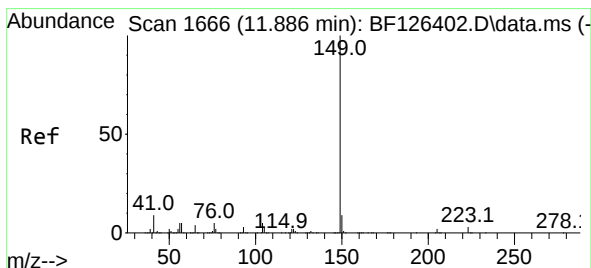
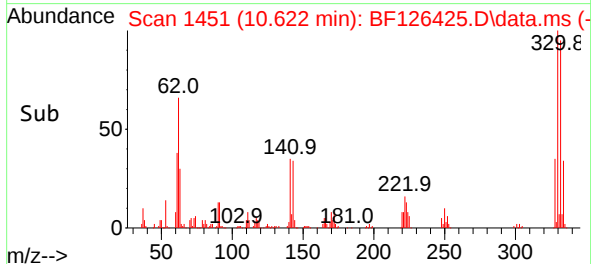
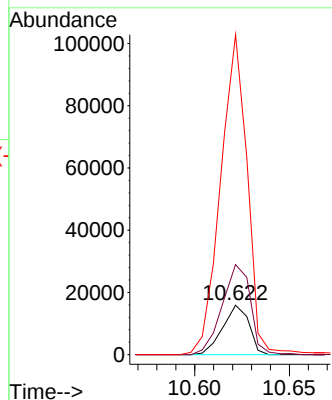
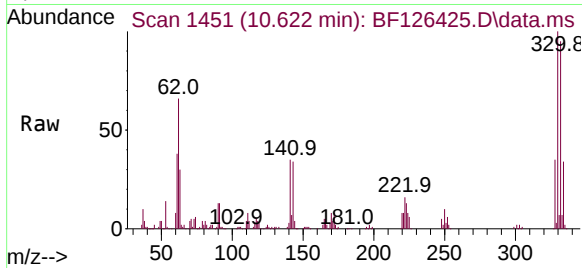




#67
4-Bromophenyl-phenylether
Concen: 3.981 ng
RT: 10.622 min Scan# 1493
Delta R.T. -0.247 min
Lab File: BF126425.D
Acq: 30 Dec 2021 18:19

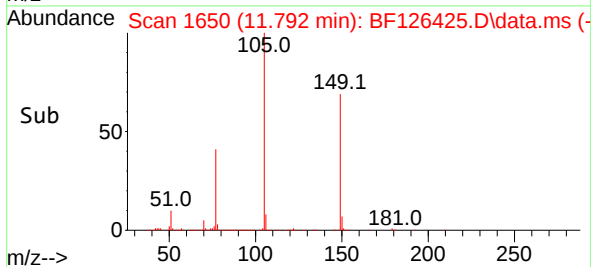
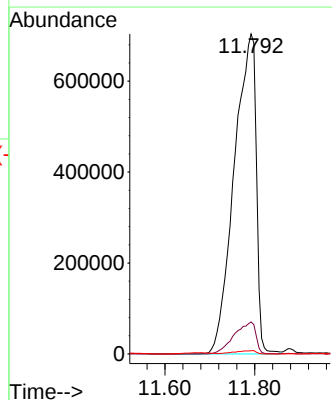
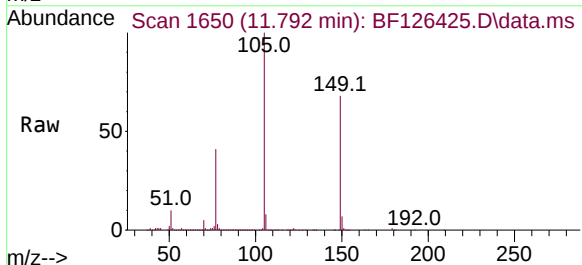
Instrument :
BNA_F
ClientSampleId :
TP-2S

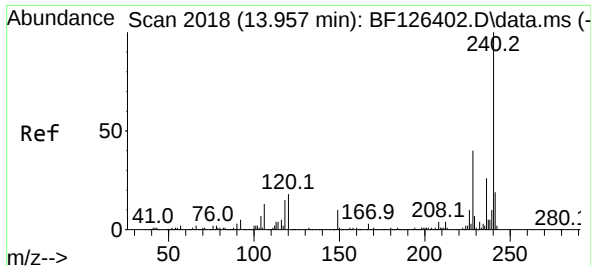
Tgt Ion:248 Resp: 15351
Ion Ratio Lower Upper
248 100
250 182.0 76.2 114.4#
141 646.6 66.2 99.4#



#74
Di-n-butylphthalate
Concen: 96.812 ng
RT: 11.792 min Scan# 1650
Delta R.T. -0.094 min
Lab File: BF126425.D
Acq: 30 Dec 2021 18:19

Tgt Ion:149 Resp: 2398852
Ion Ratio Lower Upper
149 100
150 10.0 7.2 10.8
104 1.0 4.2 6.2#

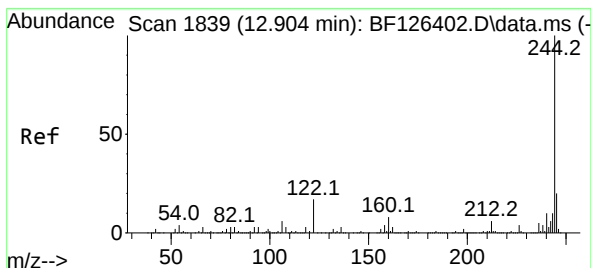
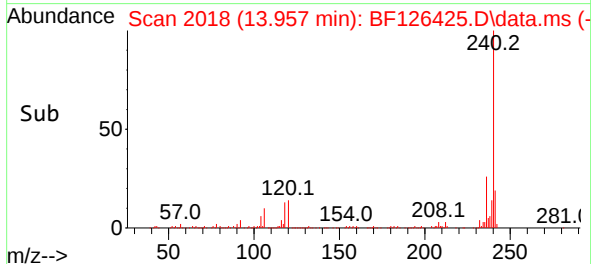
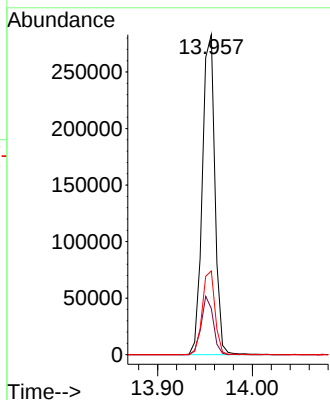
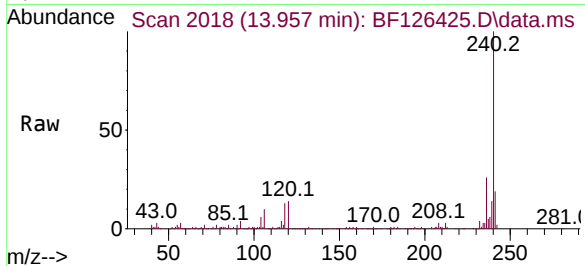




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF126425.D
Acq: 30 Dec 2021 18:19

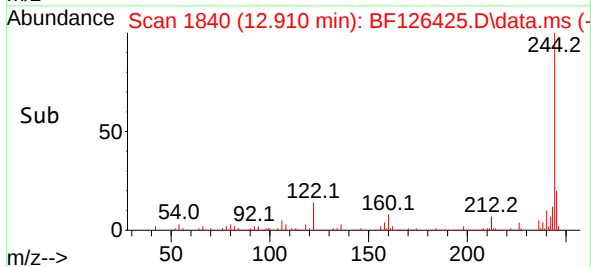
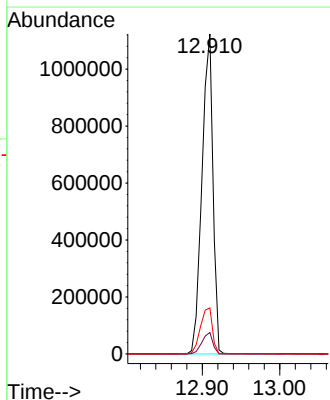
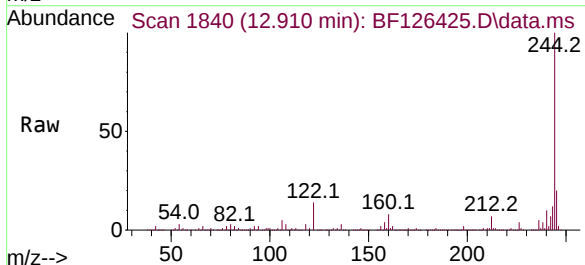
Instrument :
BNA_F
ClientSampleId :
TP-2S

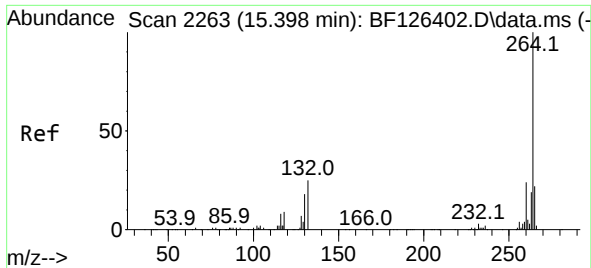
Tgt Ion:240 Resp: 260264
Ion Ratio Lower Upper
240 100
120 14.4 14.4 21.6
236 26.1 20.5 30.7



#79
Terphenyl-d14
Concen: 82.538 ng
RT: 12.910 min Scan# 1840
Delta R.T. 0.006 min
Lab File: BF126425.D
Acq: 30 Dec 2021 18:19

Tgt Ion:244 Resp: 1105627
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 14.4 13.3 19.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126425.D
Acq: 30 Dec 2021 18:19

Instrument :
BNA_F
ClientSampleId :
TP-2S

Tgt Ion:264 Resp: 236407

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	21.0	17.4	26.2

