

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121720\
 Data File : BF122770.D
 Acq On : 17 Dec 2020 18:08
 Operator : JU/CG
 Sample : L5118-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-LA-37-2-WC

Quant Time: Dec 18 01:43:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 15 18:14:23 2020
 Response via : Initial Calibration

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

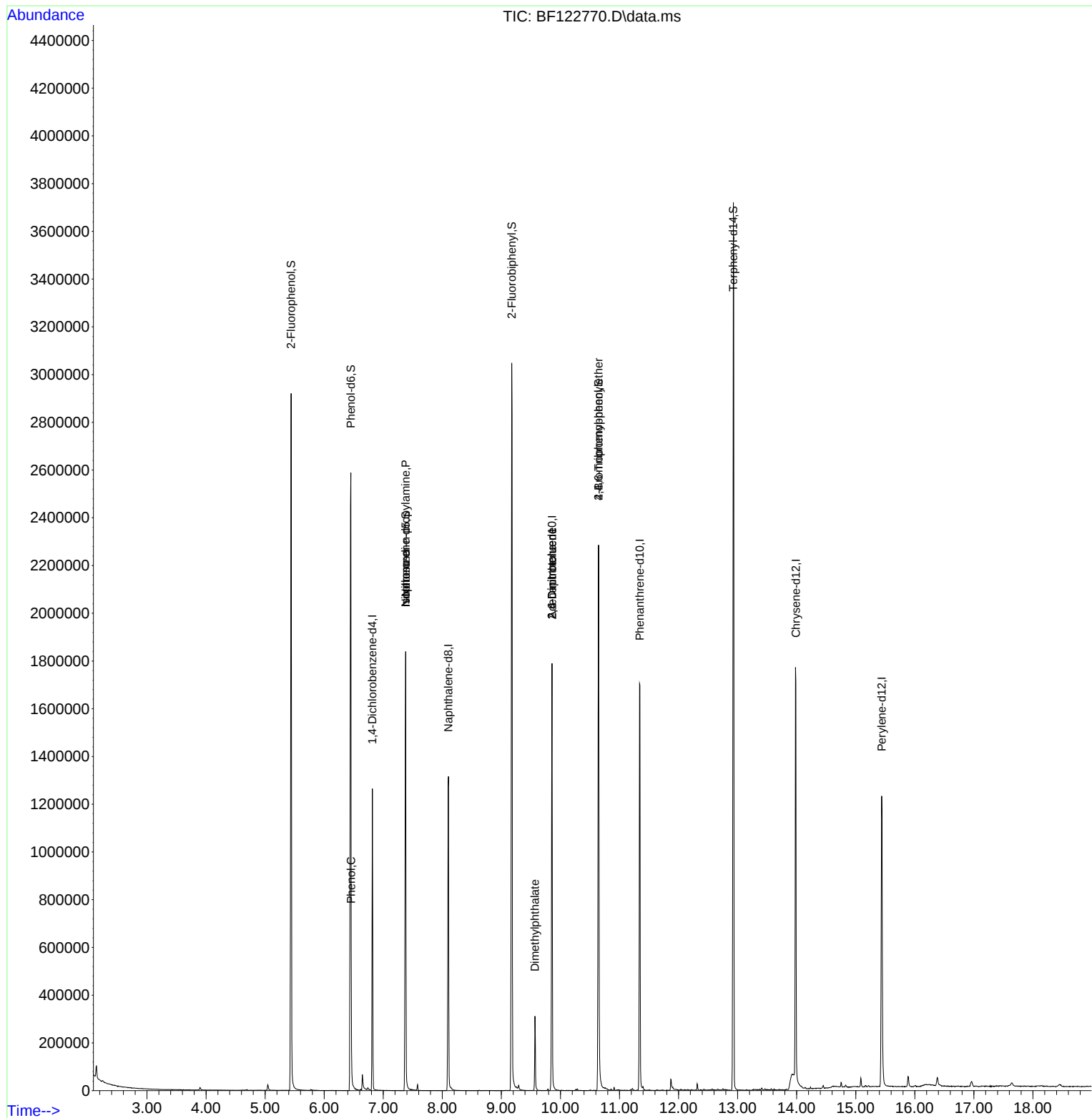
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	184055	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	717347	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	381352	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	720444	20.00	ng	0.00
76) Chrysene-d12	13.986	240	665435	20.00	ng	0.00
86) Perylene-d12	15.439	264	623372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	847278	72.88	ng	0.00
7) Phenol-d6	6.451	99	1072558	69.56	ng	0.00
23) Nitrobenzene-d5	7.381	82	652187	45.55	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	342217	68.56	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1131882	40.15	ng	-0.01
79) Terphenyl-d14	12.927	244	1337396	35.18	ng	0.00
Target Compounds						
10) Phenol	6.457	94	35212	2.20	ng	Qvalue 95
19) n-Nitroso-di-n-propyla...	7.381	70	85584	9.69	ng	# 76
25) Isophorone	7.381	82	652179	26.45	ng	# 65
50) Dimethylphthalate	9.569	163	139882	4.59	ng	99
51) 2,6-Dinitrotoluene	9.857	165	48626	7.56	ng	# 31
57) 2,4-Dinitrotoluene	9.857	165	48626	5.68	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	21275	2.18	ng	# 1

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

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ALS Vial : 15 Sample Multiplier: 1

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Quant Time: Dec 18 01:43:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

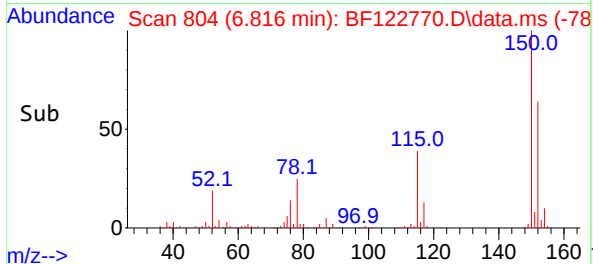
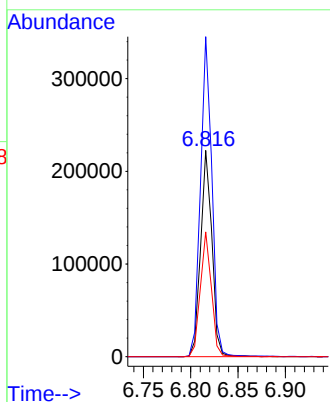
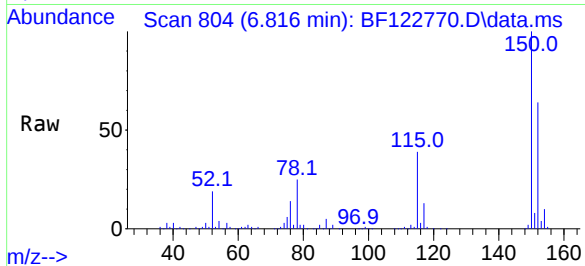




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122770.D
Acq: 17 Dec 2020 18:08

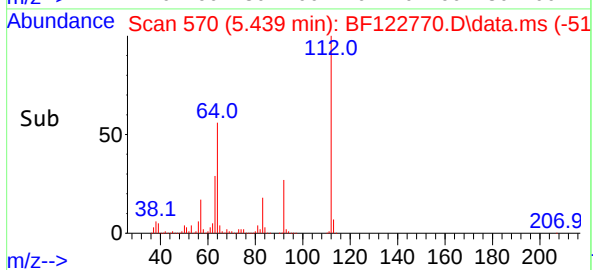
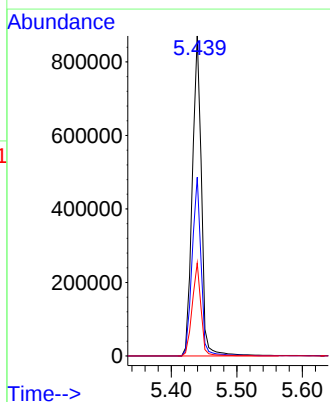
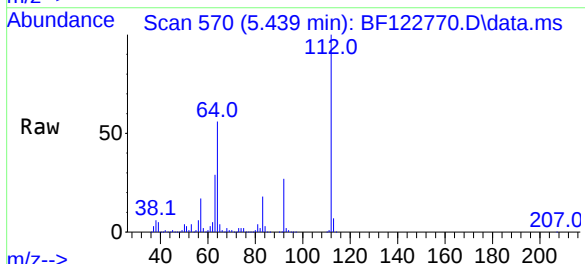
Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WC

Tgt Ion:152 Resp: 184055
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 60.5 49.3 73.9



#5
2-Fluorophenol
Concen: 72.88 ng
RT: 5.439 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF122770.D
Acq: 17 Dec 2020 18:08

Tgt Ion:112 Resp: 847278
Ion Ratio Lower Upper
112 100
64 55.9 46.9 70.3
63 29.1 24.5 36.7



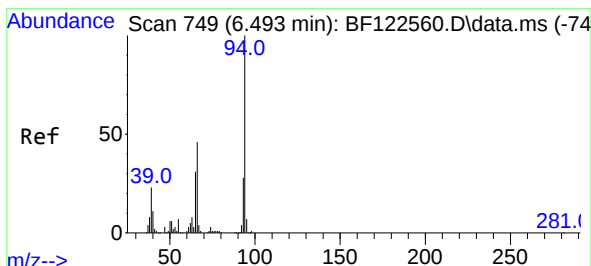
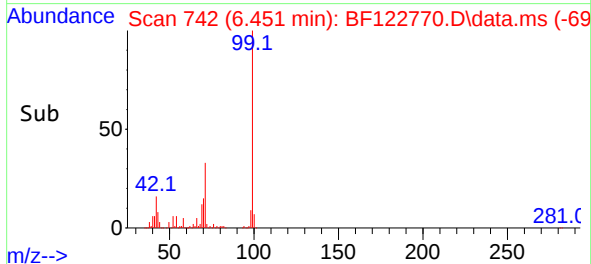
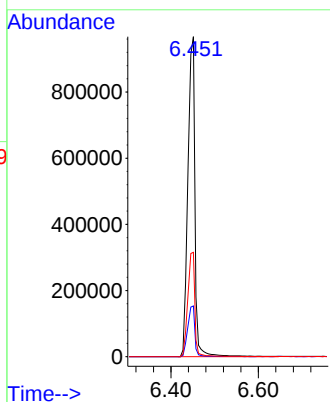
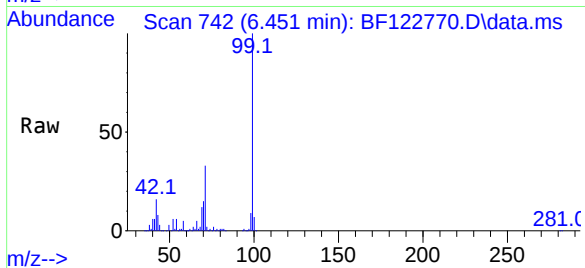


#7
Phenol-d6
Concen: 69.56 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122770.D
Acq: 17 Dec 2020 18:08

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WC

Tgt Ion: 99 Resp: 1072558

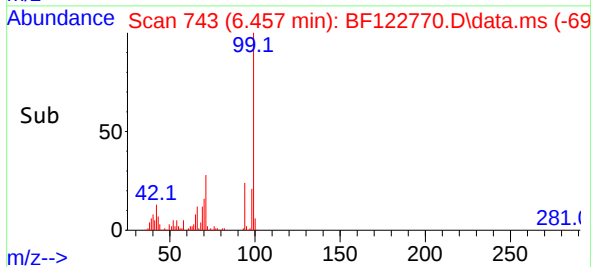
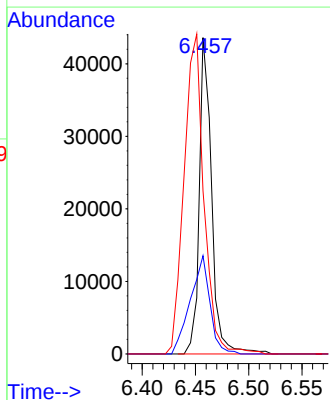
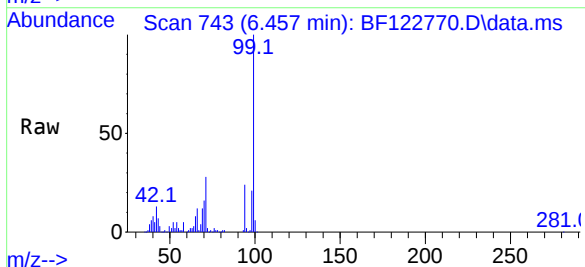
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.8	20.6
71	32.6	26.9	40.3

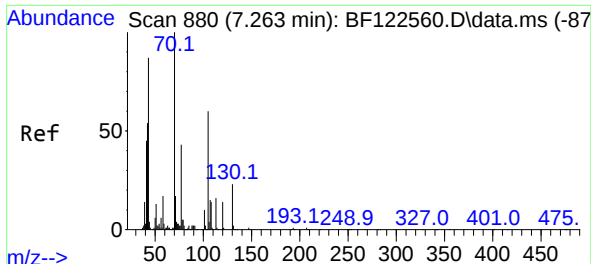


#10
Phenol
Concen: 2.20 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.012 min
Lab File: BF122770.D
Acq: 17 Dec 2020 18:08

Tgt Ion: 94 Resp: 35212

Ion	Ratio	Lower	Upper
94	100		
65	31.1	11.2	51.2
66	51.6	25.8	65.8

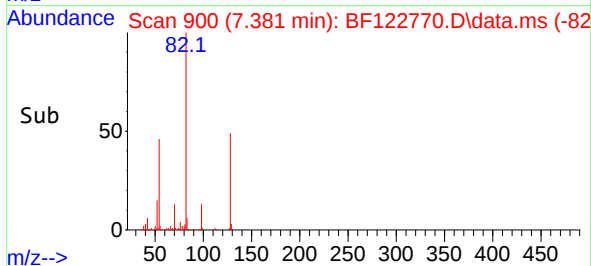
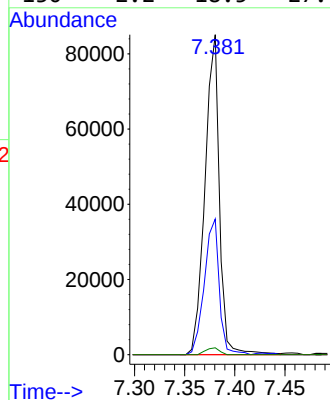
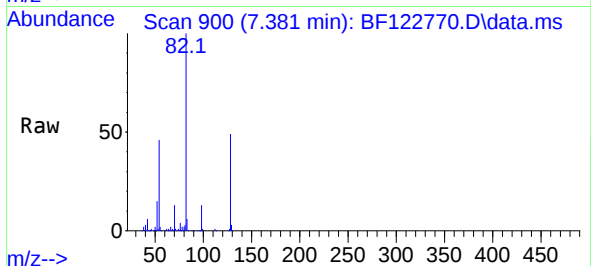




#19
n-Nitroso-di-n-propylamine
Concen: 9.69 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122770.D
Acq: 17 Dec 2020 18:08

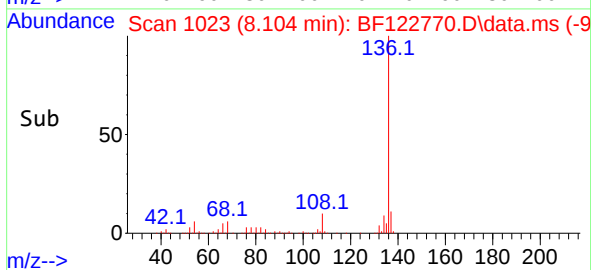
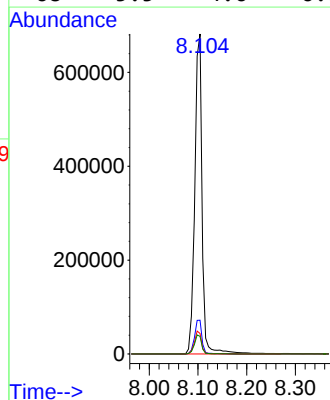
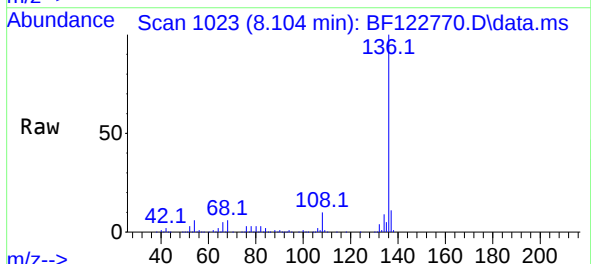
Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WC

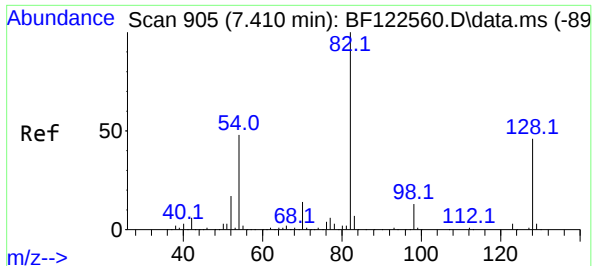
Tgt Ion:	70	Resp:	85584
Ion	Ratio	Lower	Upper
70	100		
42	42.4	43.0	64.4#
101	0.0	7.9	11.9#
130	2.2	18.5	27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF122770.D
Acq: 17 Dec 2020 18:08

Tgt Ion:	136	Resp:	717347
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	6.4	5.5	8.3
68	5.5	4.6	6.8





#23

Nitrobenzene-d5

Concen: 45.55 ng

RT: 7.381 min Scan# 900

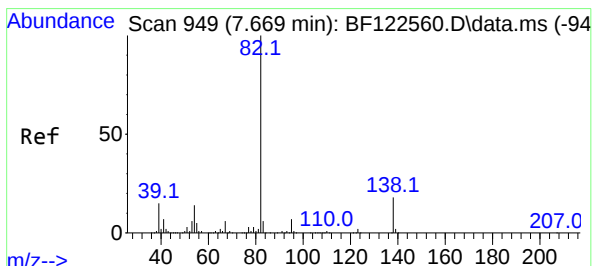
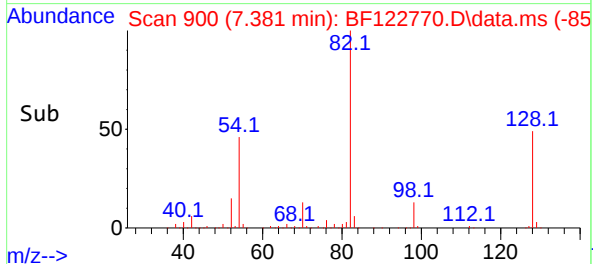
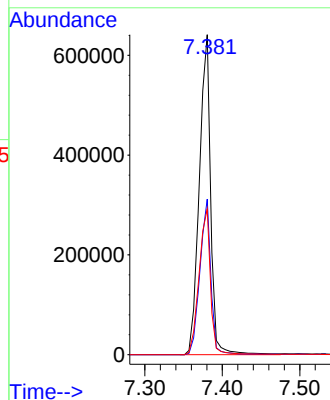
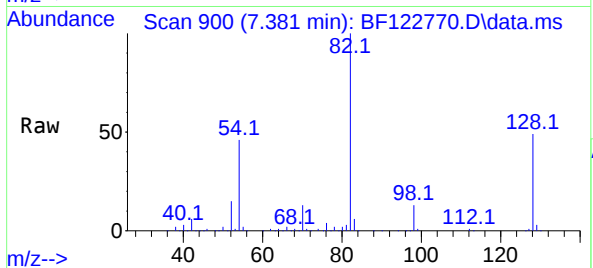
Delta R.T. -0.012 min

Lab File: BF122770.D

Acq: 17 Dec 2020 18:08

Tgt Ion: 82 Resp: 652187

Ion	Ratio	Lower	Upper
82	100		
128	48.6	37.0	55.4
54	45.5	38.4	57.6



#25

Isophorone

Concen: 26.45 ng

RT: 7.381 min Scan# 900

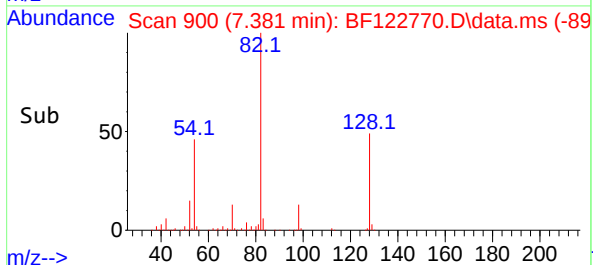
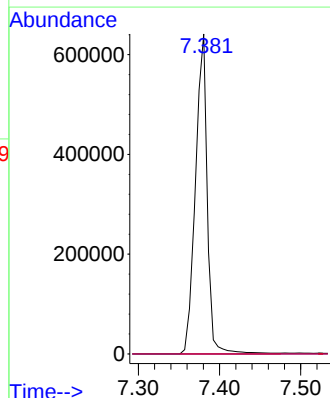
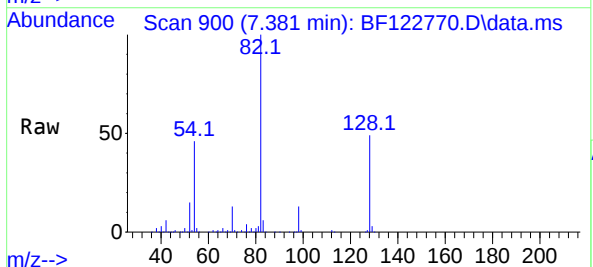
Delta R.T. -0.265 min

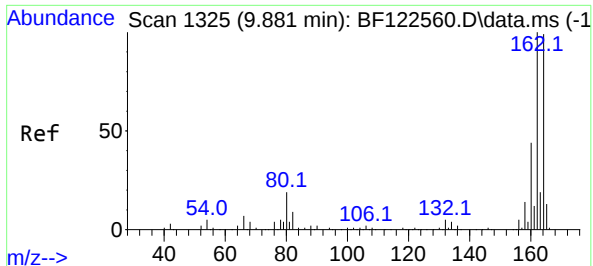
Lab File: BF122770.D

Acq: 17 Dec 2020 18:08

Tgt Ion: 82 Resp: 652179

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	14.6	21.8#

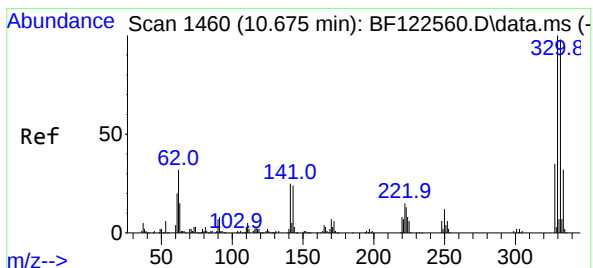
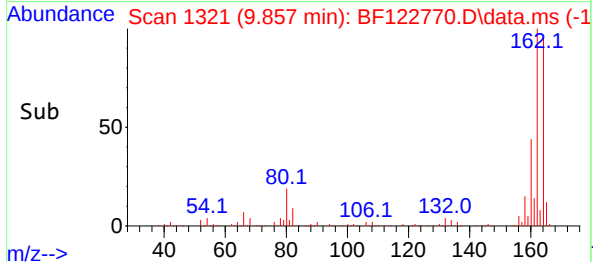
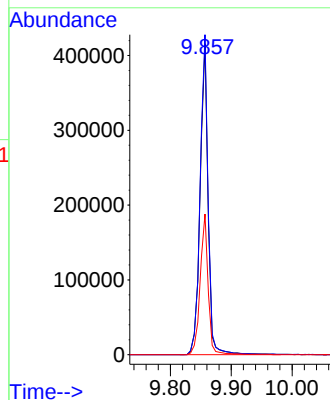
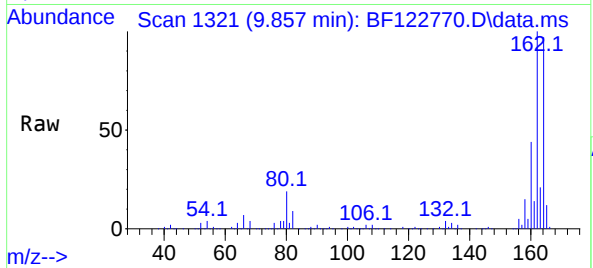




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF122770.D
Acq: 17 Dec 2020 18:08

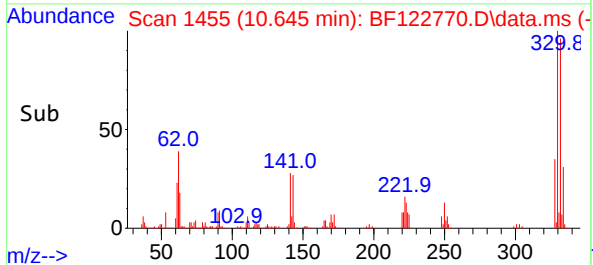
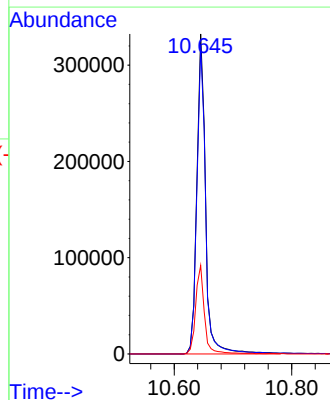
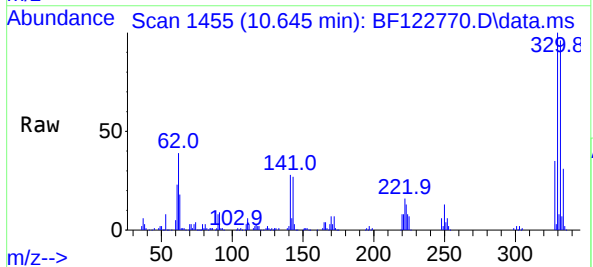
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ClientSampleId :
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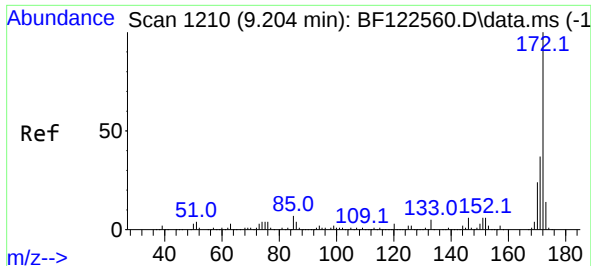
Tgt Ion:164 Resp: 381352
Ion Ratio Lower Upper
164 100
162 102.9 80.8 121.2
160 45.2 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 68.56 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122770.D
Acq: 17 Dec 2020 18:08

Tgt Ion:330 Resp: 342217
Ion Ratio Lower Upper
330 100
332 96.9 77.5 116.3
141 28.0 23.8 35.8

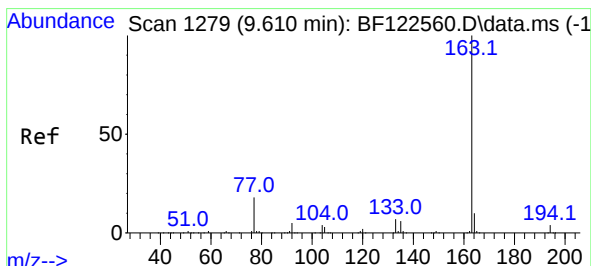
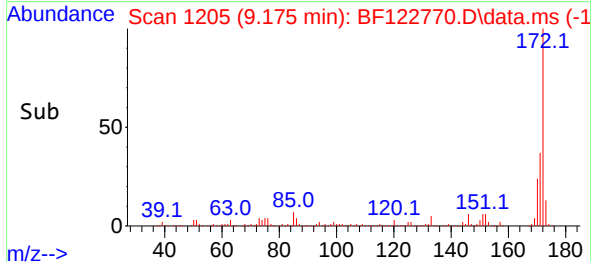
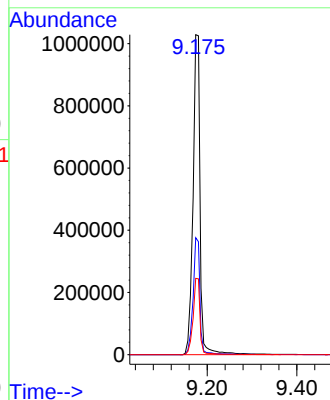
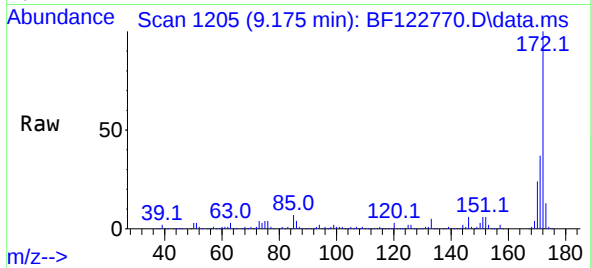




#45
2-Fluorobiphenyl
Concen: 40.15 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.012 min
Lab File: BF122770.D
Acq: 17 Dec 2020 18:08

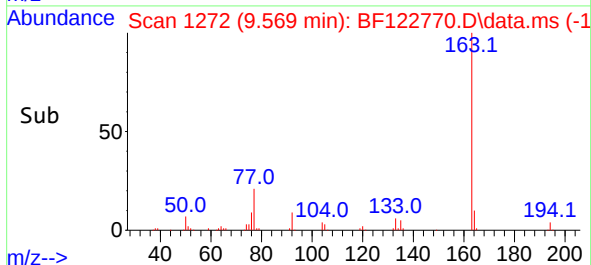
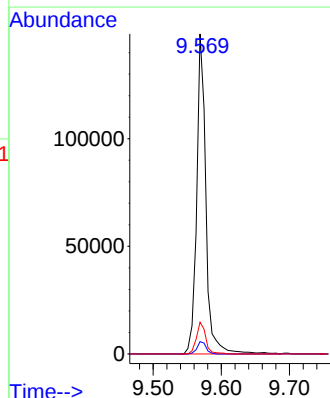
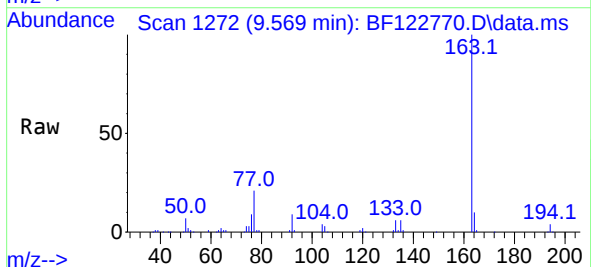
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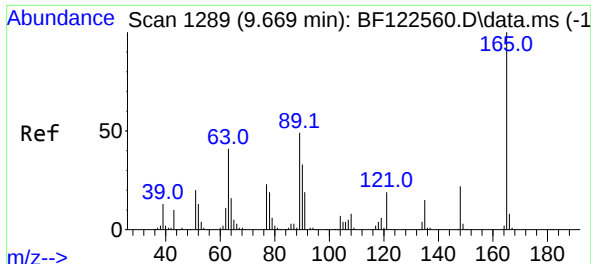
Tgt Ion:172 Resp: 1131882
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.9 19.5 29.3



#50
Dimethylphthalate
Concen: 4.59 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.018 min
Lab File: BF122770.D
Acq: 17 Dec 2020 18:08

Tgt Ion:163 Resp: 139882
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 9.9 8.1 12.1

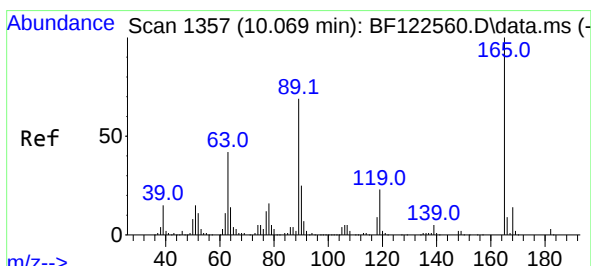
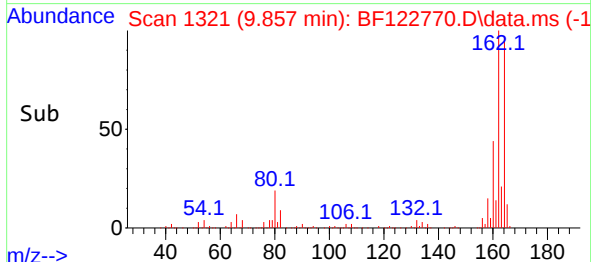
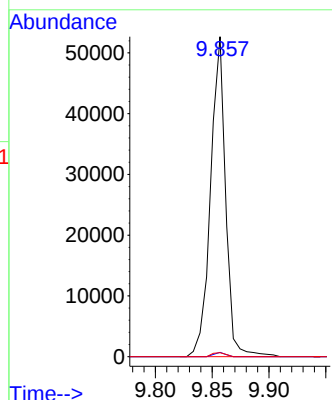
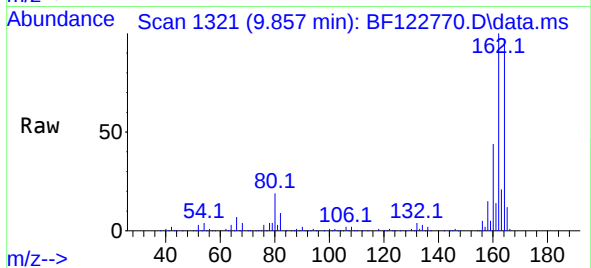




#51
2,6-Dinitrotoluene
Concen: 7.56 ng
RT: 9.857 min Scan# 1321
Delta R.T. 0.211 min
Lab File: BF122770.D
Acq: 17 Dec 2020 18:08

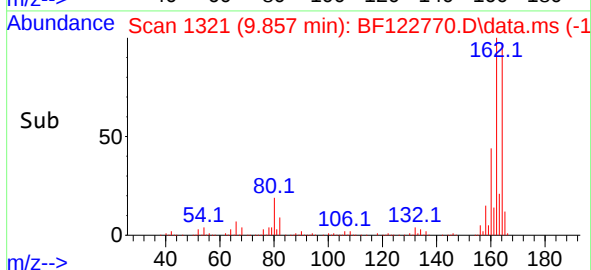
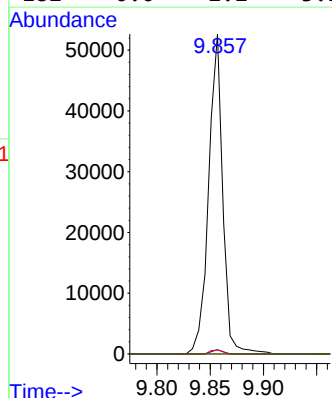
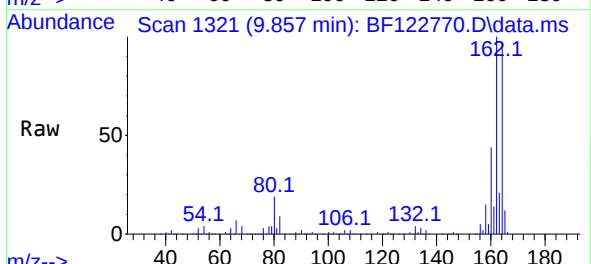
Instrument :
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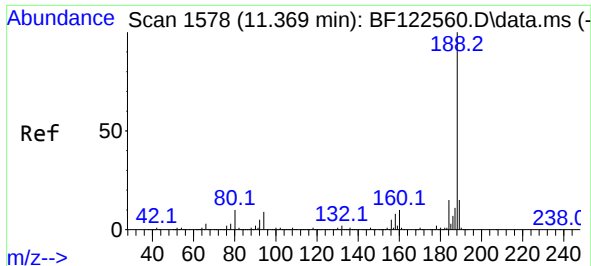
Tgt Ion:165 Resp: 48626
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.68 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.194 min
Lab File: BF122770.D
Acq: 17 Dec 2020 18:08

Tgt Ion:165 Resp: 48626
Ion Ratio Lower Upper
165 100
63 1.3 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

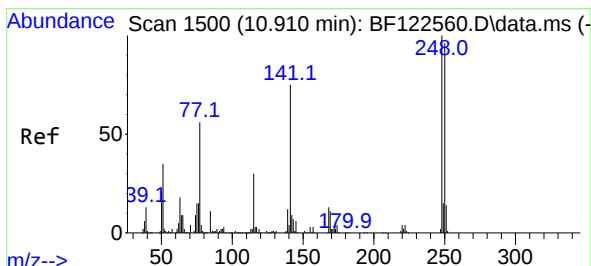
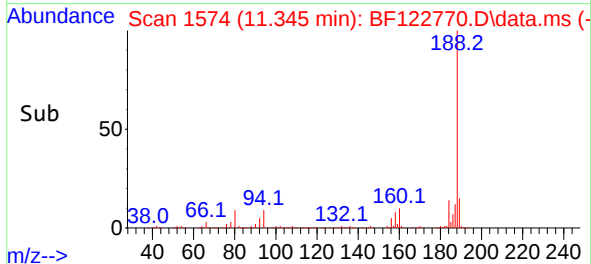
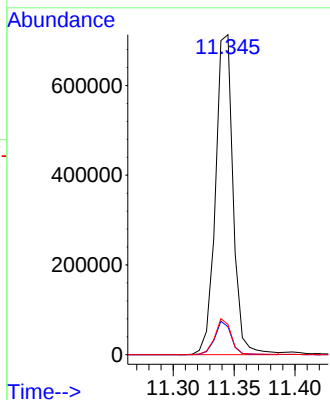
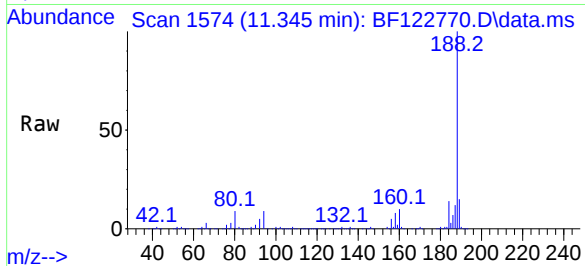




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.345 min Scan# 1574
Delta R.T. -0.000 min
Lab File: BF122770.D
Acq: 17 Dec 2020 18:08

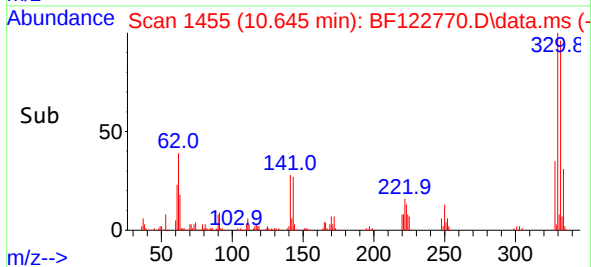
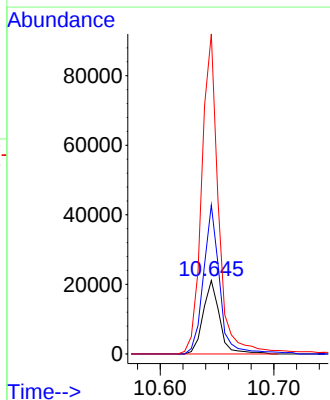
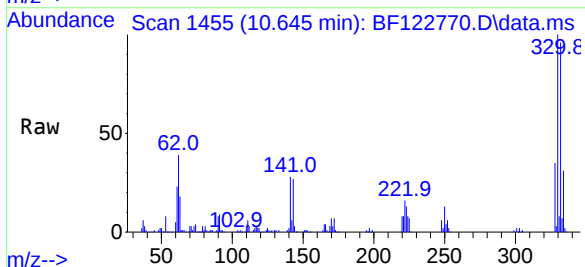
Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WC

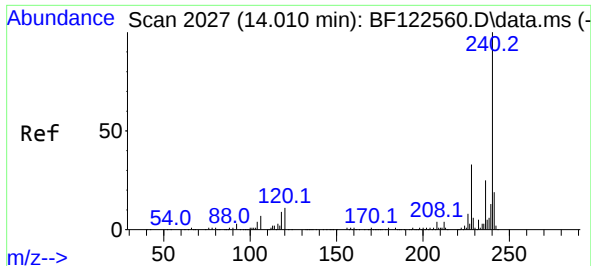
Tgt Ion:188 Resp: 720444
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.5 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.18 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122770.D
Acq: 17 Dec 2020 18:08

Tgt Ion:248 Resp: 21275
Ion Ratio Lower Upper
248 100
250 203.1 76.8 115.2#
141 436.1 59.8 89.8#

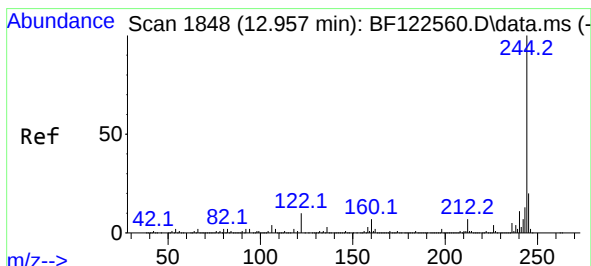
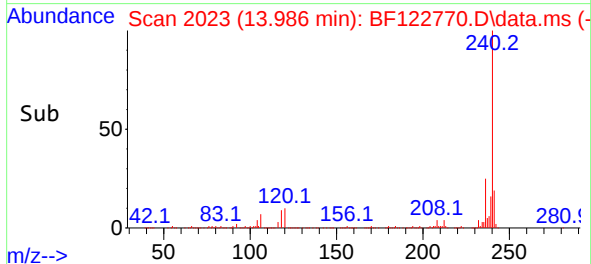
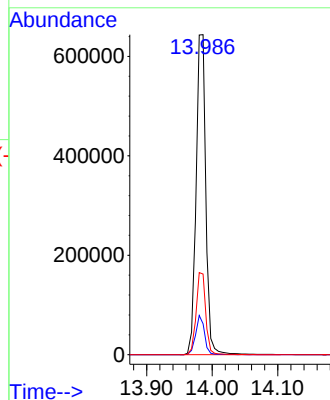
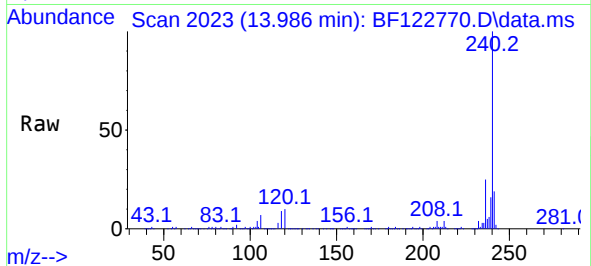




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF122770.D
Acq: 17 Dec 2020 18:08

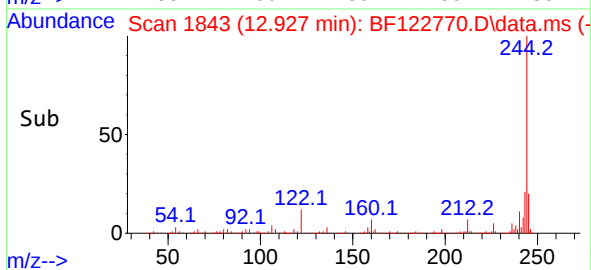
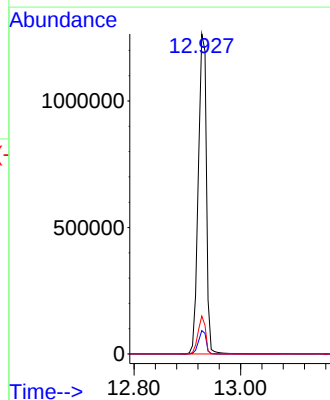
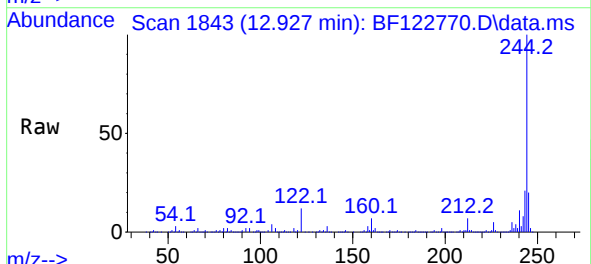
Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WC

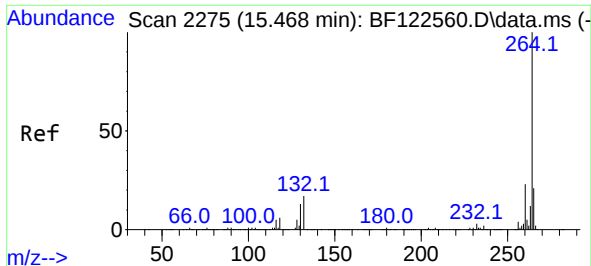
Tgt Ion:240 Resp: 665435
Ion Ratio Lower Upper
240 100
120 9.6 8.6 12.8
236 25.2 20.3 30.5



#79
Terphenyl-d14
Concen: 35.18 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122770.D
Acq: 17 Dec 2020 18:08

Tgt Ion:244 Resp: 1337396
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 11.9 8.3 12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.000 min
Lab File: BF122770.D
Acq: 17 Dec 2020 18:08

Instrument :
BNA_F
ClientSampleId :
R-LA-37-2-WC

Tgt Ion:264 Resp: 623372
Ion Ratio Lower Upper
264 100
260 23.1 18.6 28.0
265 21.5 17.0 25.6

