

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
 Data File : BF122579.D
 Acq On : 7 Dec 2020 18:57
 Operator : JU/CG
 Sample : L4952-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RO-275

Quant Time: Dec 08 00:24:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 07 12:08:49 2020
 Response via : Initial Calibration

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

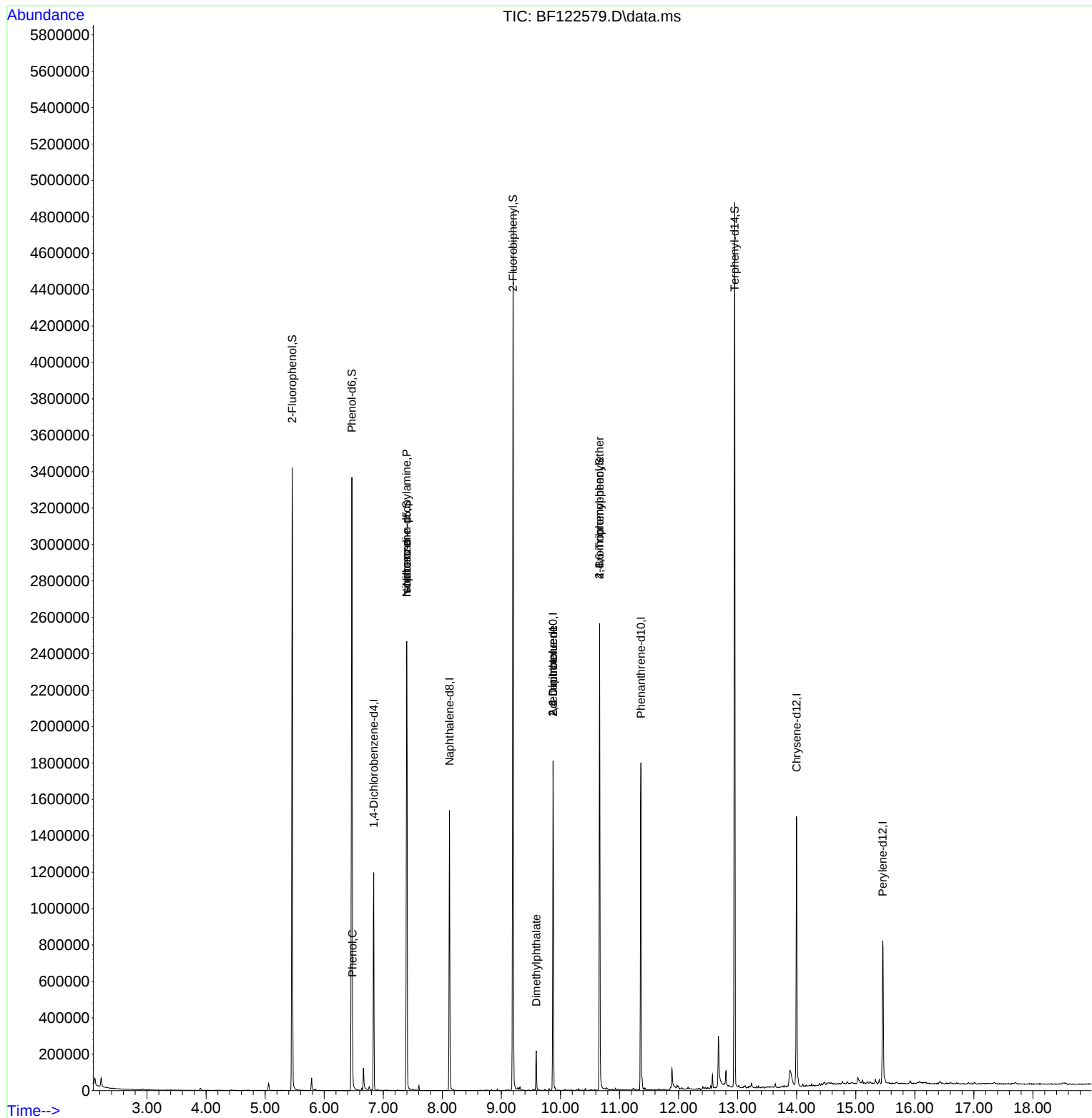
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	173381	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	677500	20.00	ng	0.00
39) Acenaphthene-d10	9.874	164	360992	20.00	ng	0.00
64) Phenanthrene-d10	11.363	188	667149	20.00	ng	0.00
76) Chrysene-d12	13.998	240	508966	20.00	ng	-0.01
86) Perylene-d12	15.456	264	378338	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	1043967	95.33	ng	0.00
7) Phenol-d6	6.469	99	1315987	90.60	ng	-0.01
23) Nitrobenzene-d5	7.398	82	833287	61.62	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	315495	66.77	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	1522822	57.06	ng	0.00
79) Terphenyl-d14	12.951	244	1609184	55.34	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.481	94	49245	3.27	ng	89
19) n-Nitroso-di-n-propyla...	7.398	70	111920	13.45	ng	# 78
25) Isophorone	7.398	82	824681	35.41	ng	# 65
50) Dimethylphthalate	9.592	163	97720	3.39	ng	99
51) 2,6-Dinitrotoluene	9.874	165	45739	7.51	ng	# 31
57) 2,4-Dinitrotoluene	9.874	165	45739	5.64	ng	# 25
67) 4-Bromophenyl-phenylether	10.663	248	19696	2.18	ng	# 1

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

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Quant Time: Dec 08 00:24:00 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

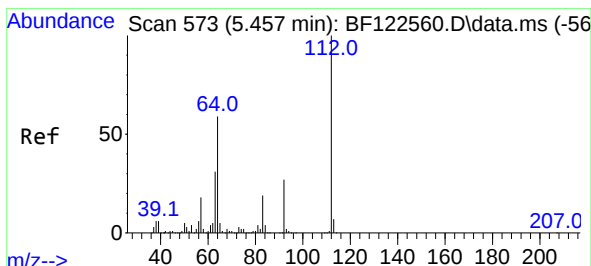
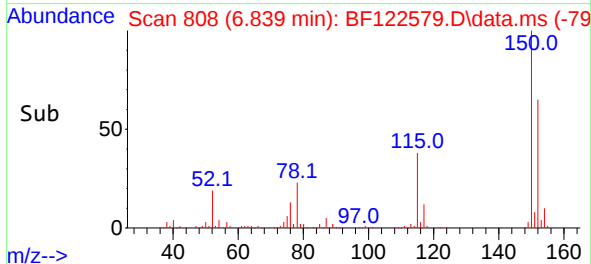
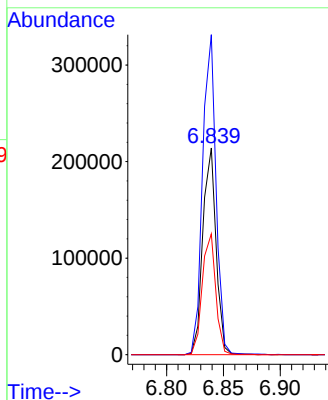
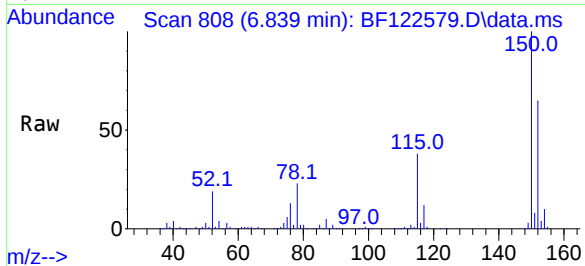




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF122579.D
Acq: 7 Dec 2020 18:57

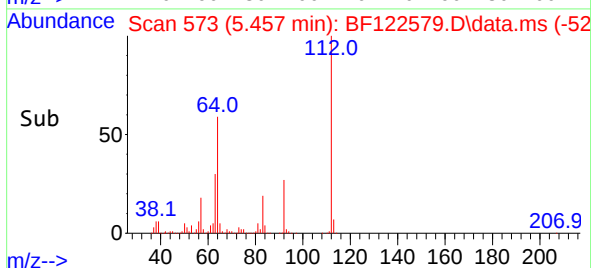
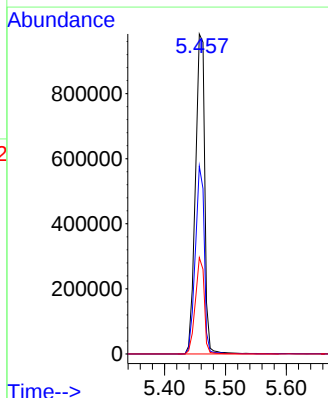
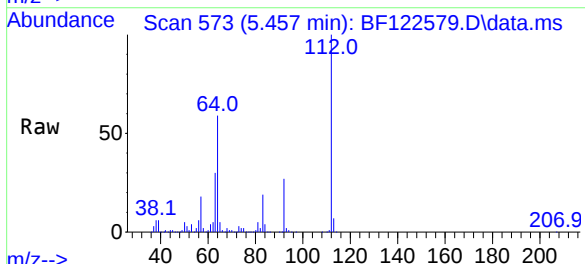
Instrument :
BNA_F
ClientSampleId :
RO-275

Tgt Ion:152 Resp: 173381
Ion Ratio Lower Upper
152 100
150 154.8 125.8 188.6
115 58.4 49.3 73.9



#5
2-Fluorophenol
Concen: 95.33 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF122579.D
Acq: 7 Dec 2020 18:57

Tgt Ion:112 Resp: 1043967
Ion Ratio Lower Upper
112 100
64 58.7 46.9 70.3
63 30.1 24.5 36.7



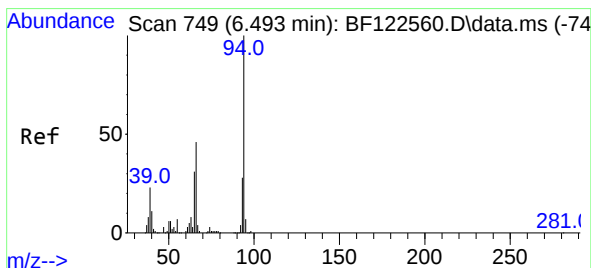
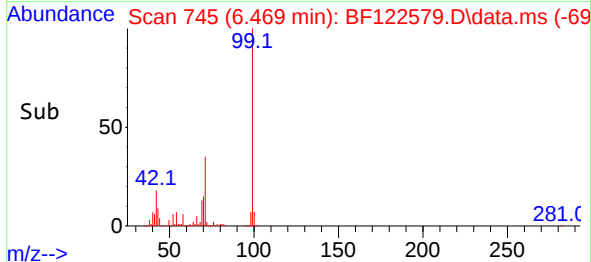
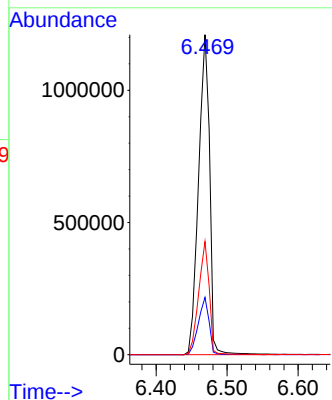
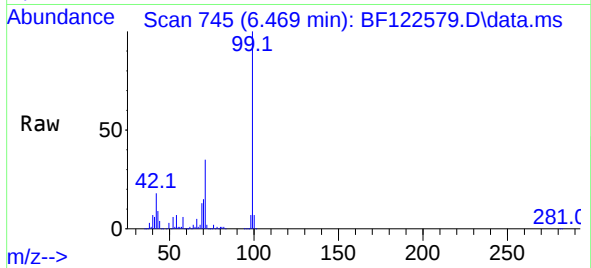


#7
Phenol-d6
Concen: 90.60 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF122579.D
Acq: 7 Dec 2020 18:57

Instrument :
BNA_F
ClientSampleId :
RO-275

Tgt Ion: 99 Resp: 1315987

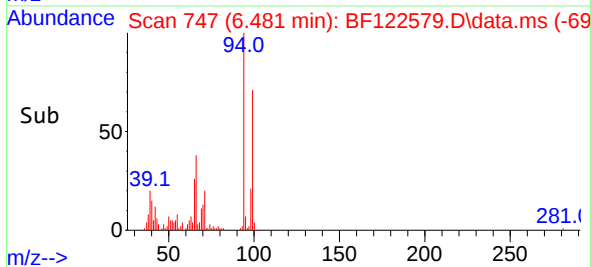
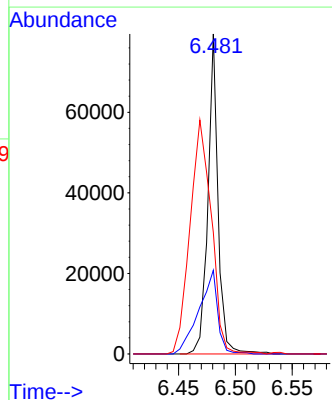
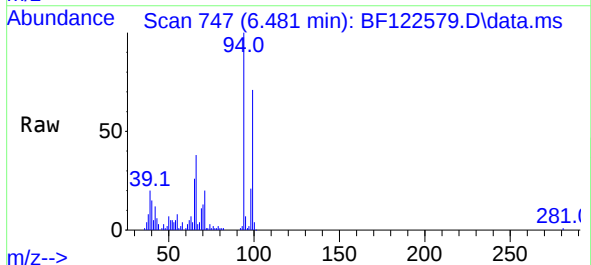
Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.8	20.6
71	35.3	26.9	40.3

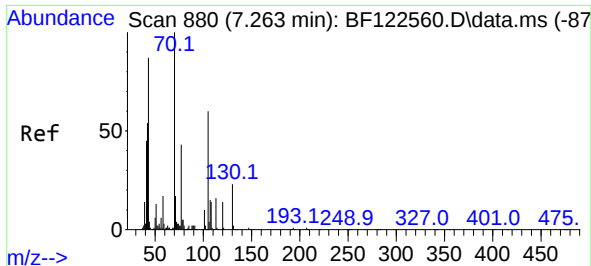


#10
Phenol
Concen: 3.27 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF122579.D
Acq: 7 Dec 2020 18:57

Tgt Ion: 94 Resp: 49245

Ion	Ratio	Lower	Upper
94	100		
65	26.1	11.2	51.2
66	38.0	25.8	65.8

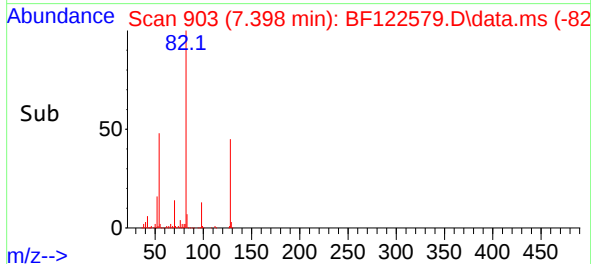
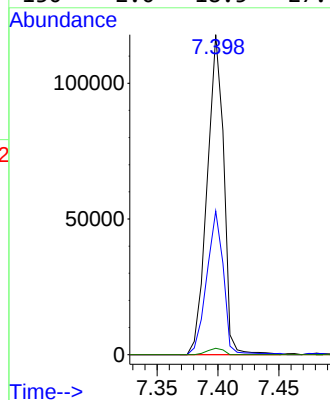
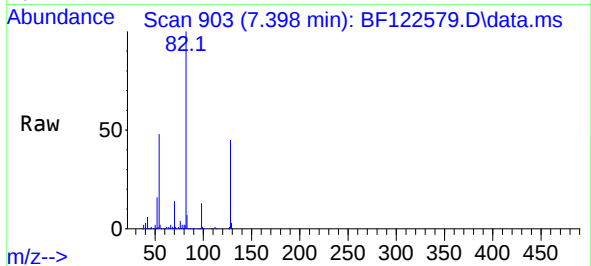




#19
n-Nitroso-di-n-propylamine
Concen: 13.45 ng
RT: 7.398 min Scan# 903
Delta R.T. 0.135 min
Lab File: BF122579.D
Acq: 7 Dec 2020 18:57

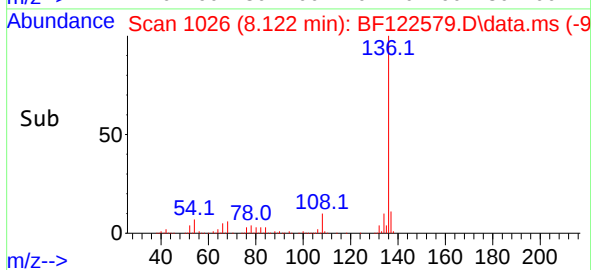
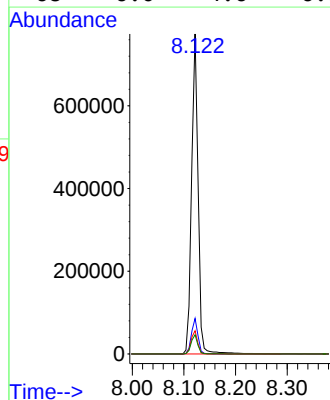
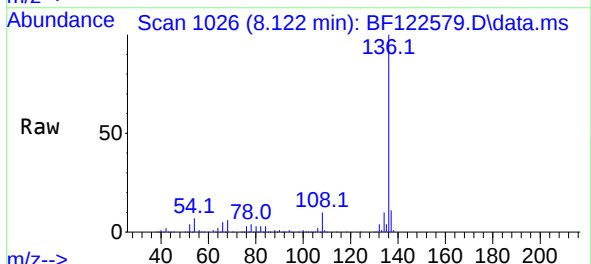
Instrument :
BNA_F
ClientSampleId :
RO-275

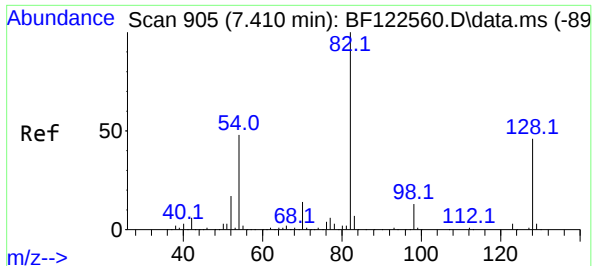
Tgt Ion: 70 Resp: 111920
Ion Ratio Lower Upper
70 100
42 44.9 43.0 64.4
101 0.0 7.9 11.9#
130 2.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122579.D
Acq: 7 Dec 2020 18:57

Tgt Ion: 136 Resp: 677500
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.2 5.5 8.3
68 6.0 4.6 6.8

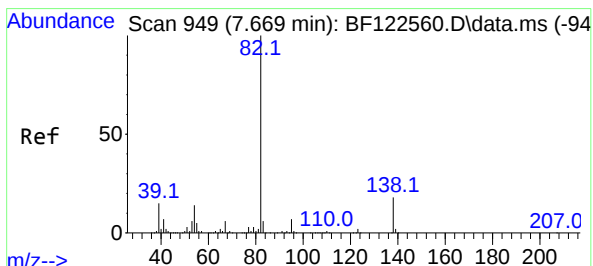
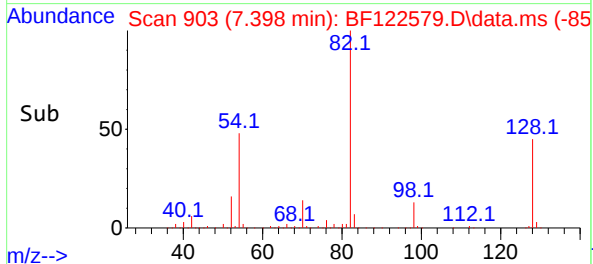
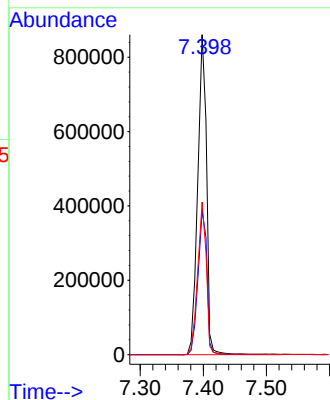
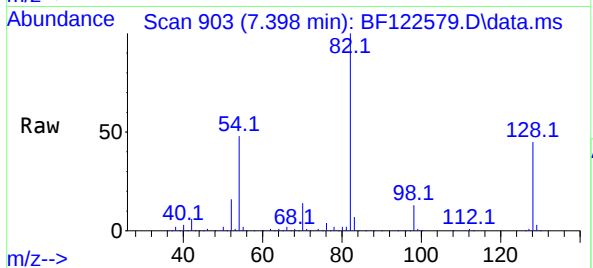




#23
Nitrobenzene-d5
Concen: 61.62 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BF122579.D
Acq: 7 Dec 2020 18:57

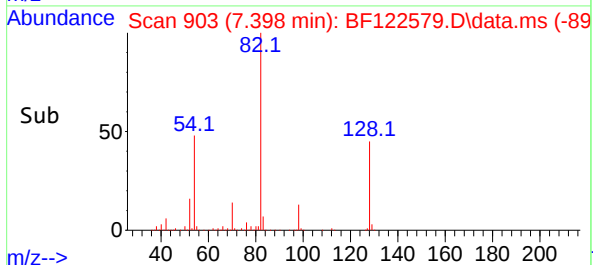
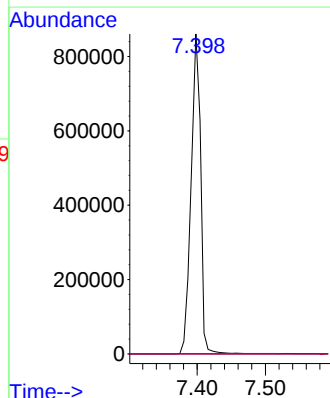
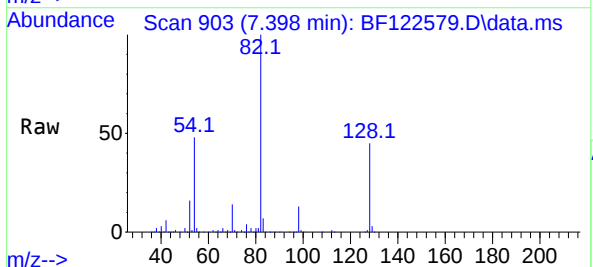
Instrument :
BNA_F
ClientSampleId :
RO-275

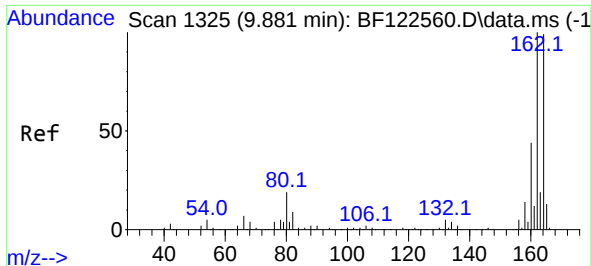
Tgt Ion: 82 Resp: 833287
Ion Ratio Lower Upper
82 100
128 45.0 37.0 55.4
54 47.7 38.4 57.6



#25
Isophorone
Concen: 35.41 ng
RT: 7.398 min Scan# 903
Delta R.T. -0.271 min
Lab File: BF122579.D
Acq: 7 Dec 2020 18:57

Tgt Ion: 82 Resp: 824681
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#

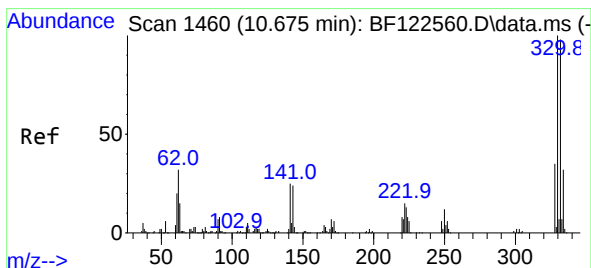
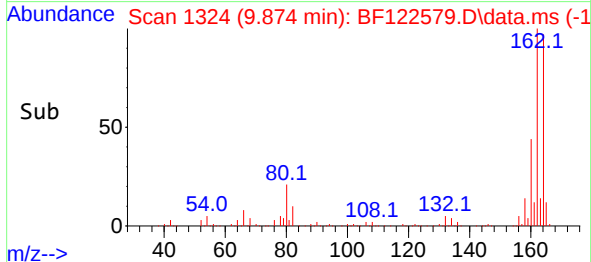
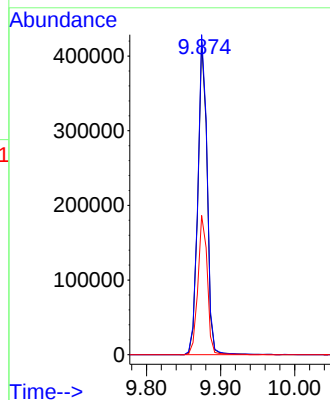
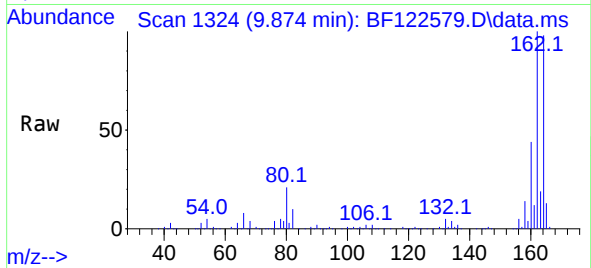




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BF122579.D
Acq: 7 Dec 2020 18:57

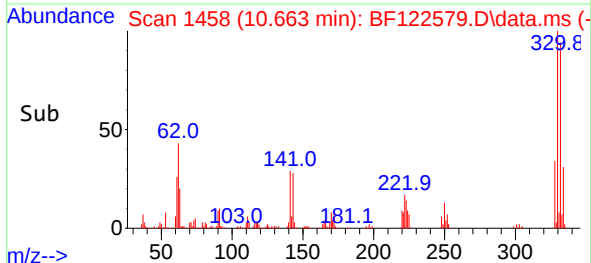
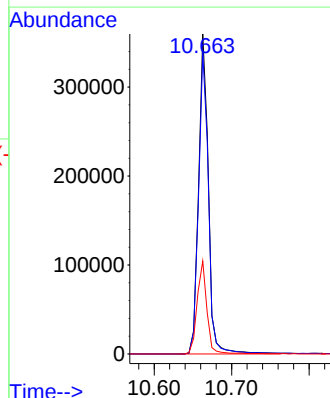
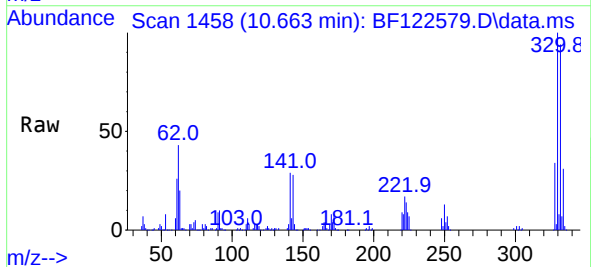
Instrument :
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ClientSampleId :
RO-275

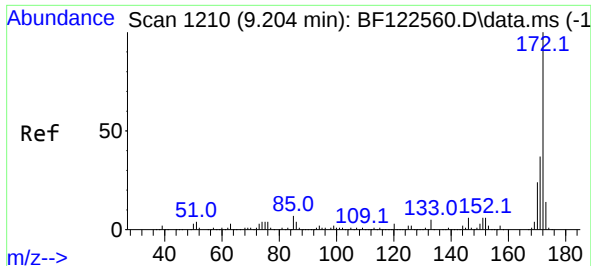
Tgt Ion:164 Resp: 360992
Ion Ratio Lower Upper
164 100
162 102.3 80.8 121.2
160 44.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 66.77 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122579.D
Acq: 7 Dec 2020 18:57

Tgt Ion:330 Resp: 315495
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 29.3 23.8 35.8

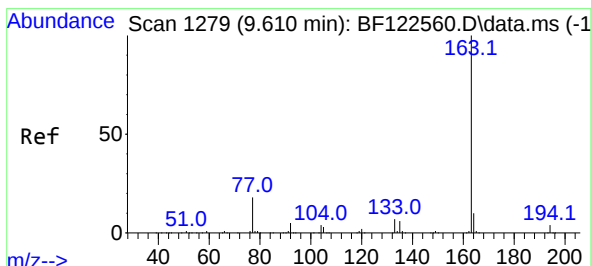
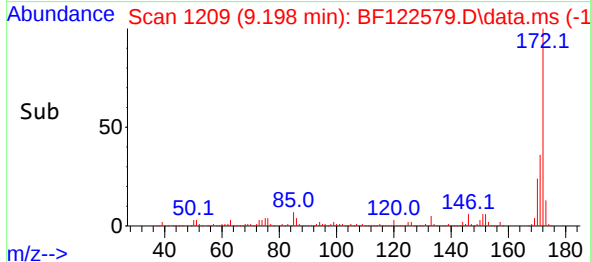
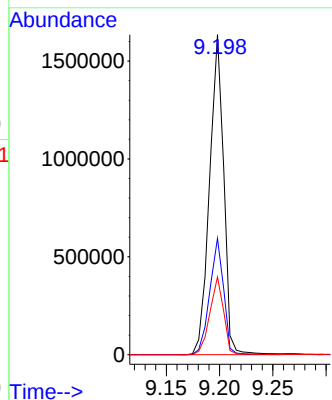
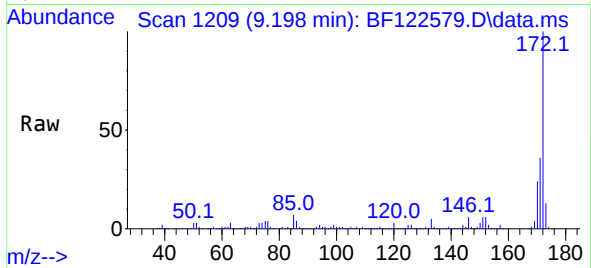




#45
2-Fluorobiphenyl
Concen: 57.06 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.006 min
Lab File: BF122579.D
Acq: 7 Dec 2020 18:57

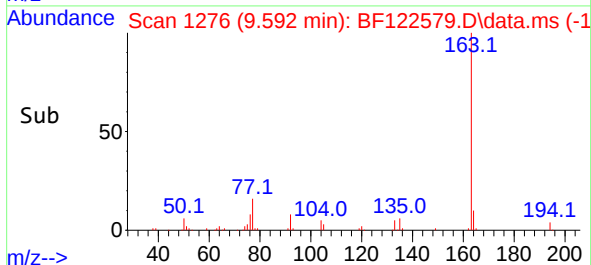
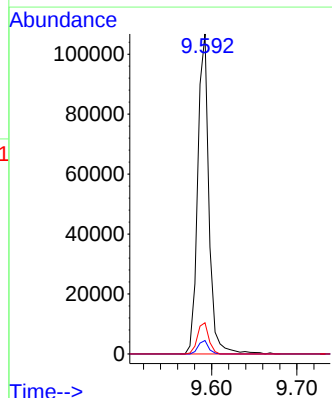
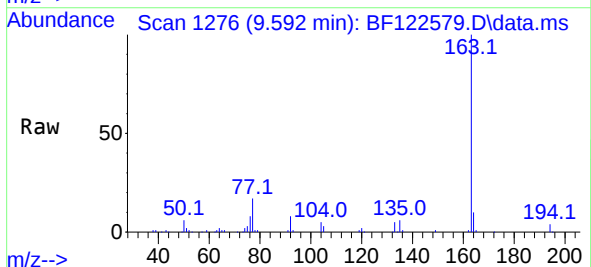
Instrument :
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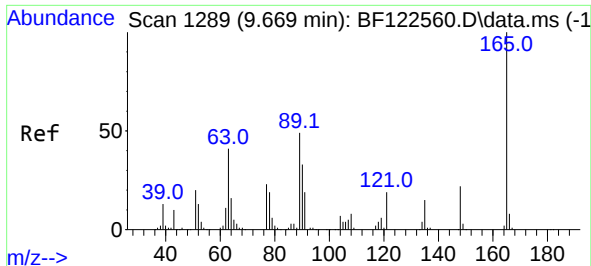
Tgt Ion:172 Resp: 1522822
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.3 19.5 29.3



#50
Dimethylphthalate
Concen: 3.39 ng
RT: 9.592 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF122579.D
Acq: 7 Dec 2020 18:57

Tgt Ion:163 Resp: 97720
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.8 8.1 12.1

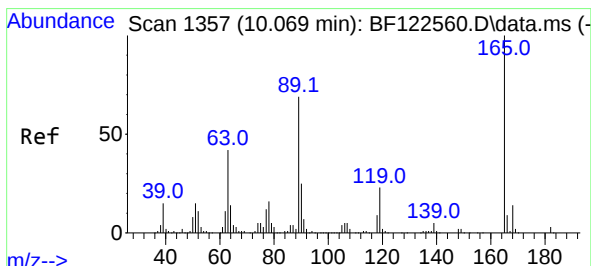
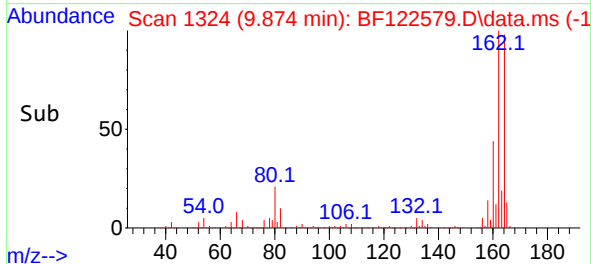
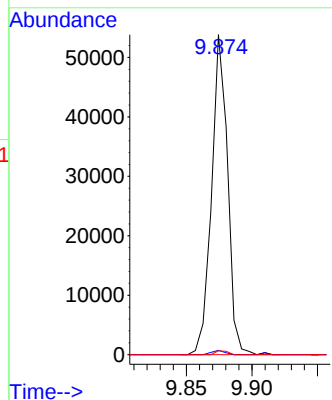
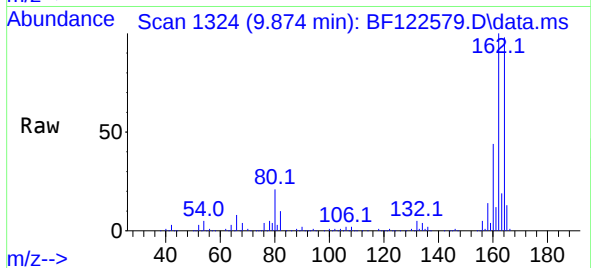




#51
2,6-Dinitrotoluene
Concen: 7.51 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122579.D
Acq: 7 Dec 2020 18:57

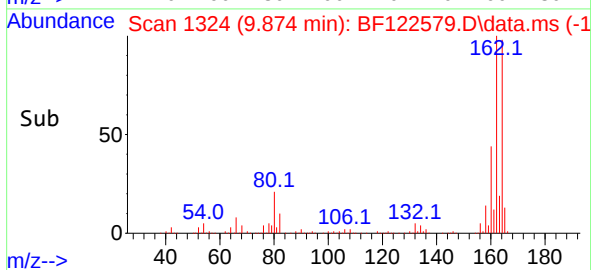
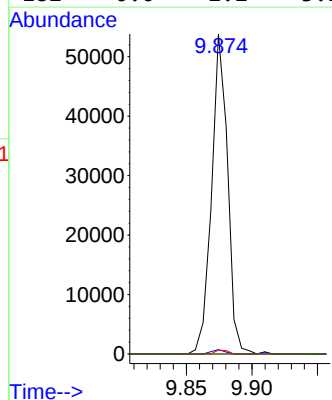
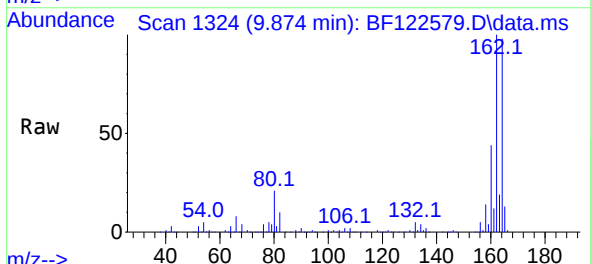
Instrument :
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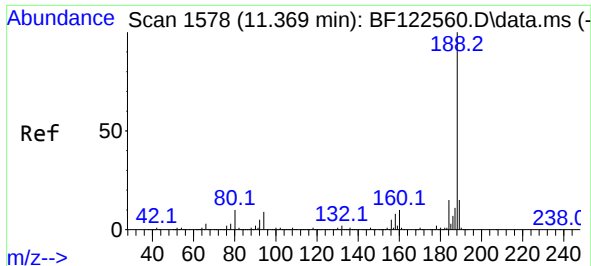
Tgt Ion:165 Resp: 45739
Ion Ratio Lower Upper
165 100
63 1.3 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.64 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122579.D
Acq: 7 Dec 2020 18:57

Tgt Ion:165 Resp: 45739
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#

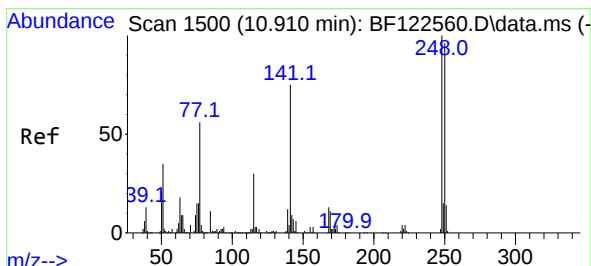
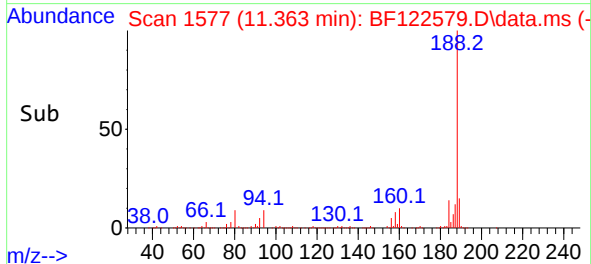
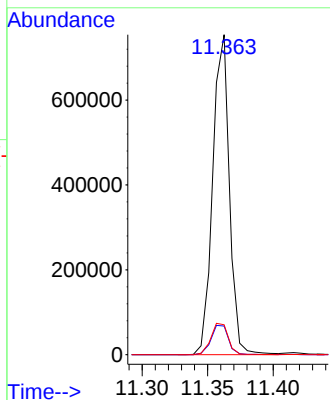
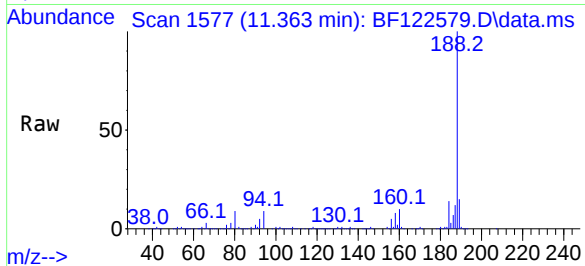




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF122579.D
Acq: 7 Dec 2020 18:57

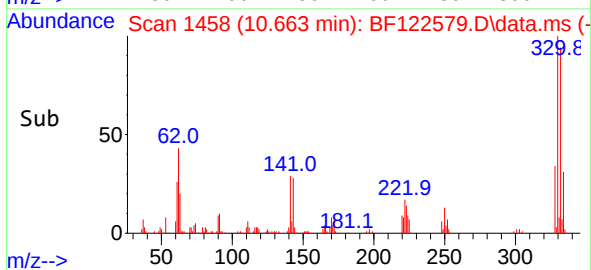
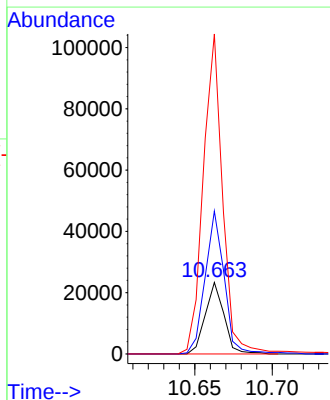
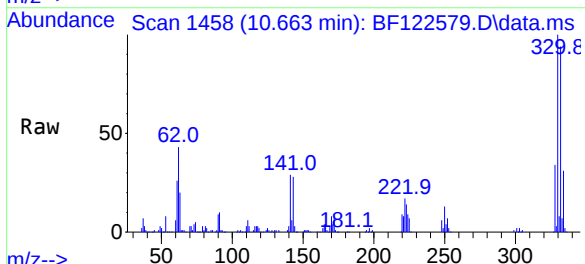
Instrument :
BNA_F
ClientSampleId :
RO-275

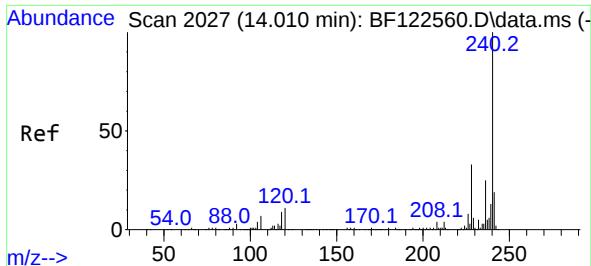
Tgt Ion:188 Resp: 667149
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.4 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 2.18 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.247 min
Lab File: BF122579.D
Acq: 7 Dec 2020 18:57

Tgt Ion:248 Resp: 19696
Ion Ratio Lower Upper
248 100
250 199.7 76.8 115.2#
141 447.2 59.8 89.8#

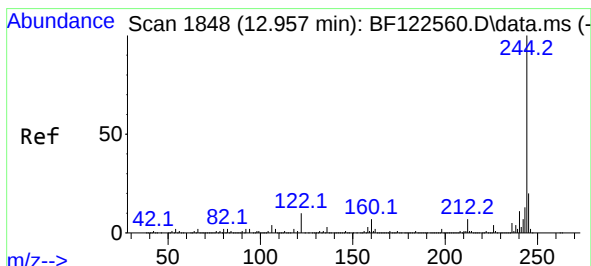
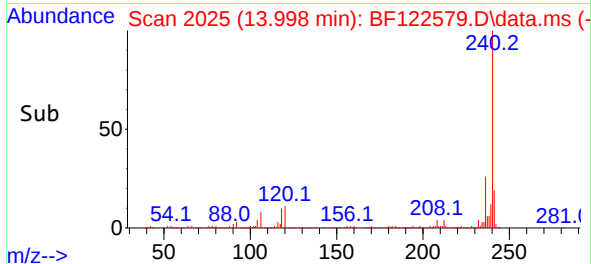
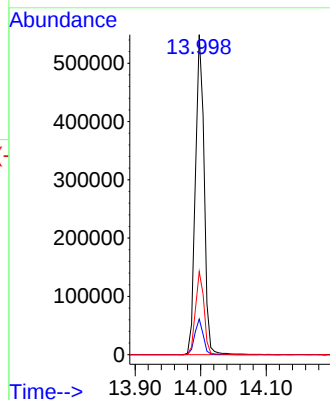
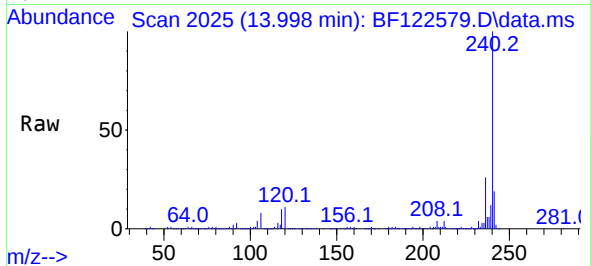




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF122579.D
Acq: 7 Dec 2020 18:57

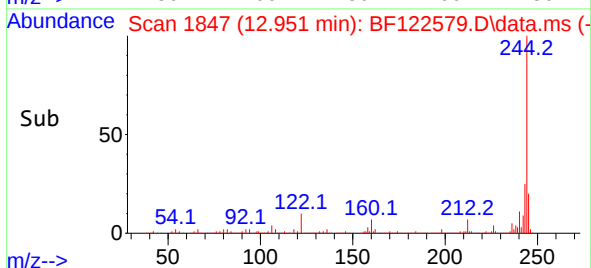
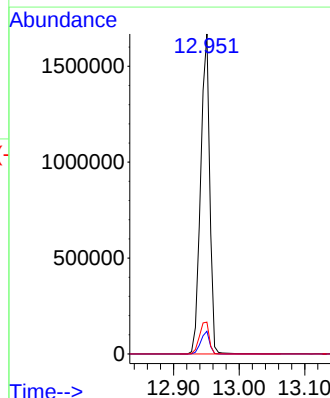
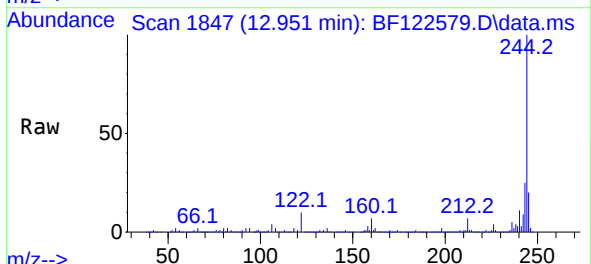
Instrument :
BNA_F
ClientSampled :
RO-275

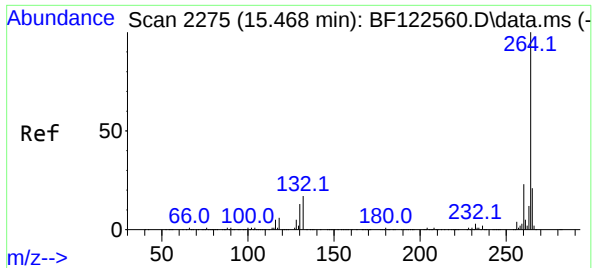
Tgt Ion:240 Resp: 508966
Ion Ratio Lower Upper
240 100
120 11.1 8.6 12.8
236 26.0 20.3 30.5



#79
Terphenyl-d14
Concen: 55.34 ng
RT: 12.951 min Scan# 1847
Delta R.T. -0.006 min
Lab File: BF122579.D
Acq: 7 Dec 2020 18:57

Tgt Ion:244 Resp: 1609184
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.9 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.456 min Scan# 2273
 Delta R.T. -0.012 min
 Lab File: BF122579.D
 Acq: 7 Dec 2020 18:57

Instrument :
 BNA_F
 ClientSampleId :
 RO-275

Tgt Ion:264 Resp: 378338
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 28.0
 265 22.0 17.0 25.6

