

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121420\
 Data File : BF122713.D
 Acq On : 14 Dec 2020 18:58
 Operator : JU/CG
 Sample : L5047-01 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OK-03-121120

Quant Time: Dec 14 23:54:15 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)

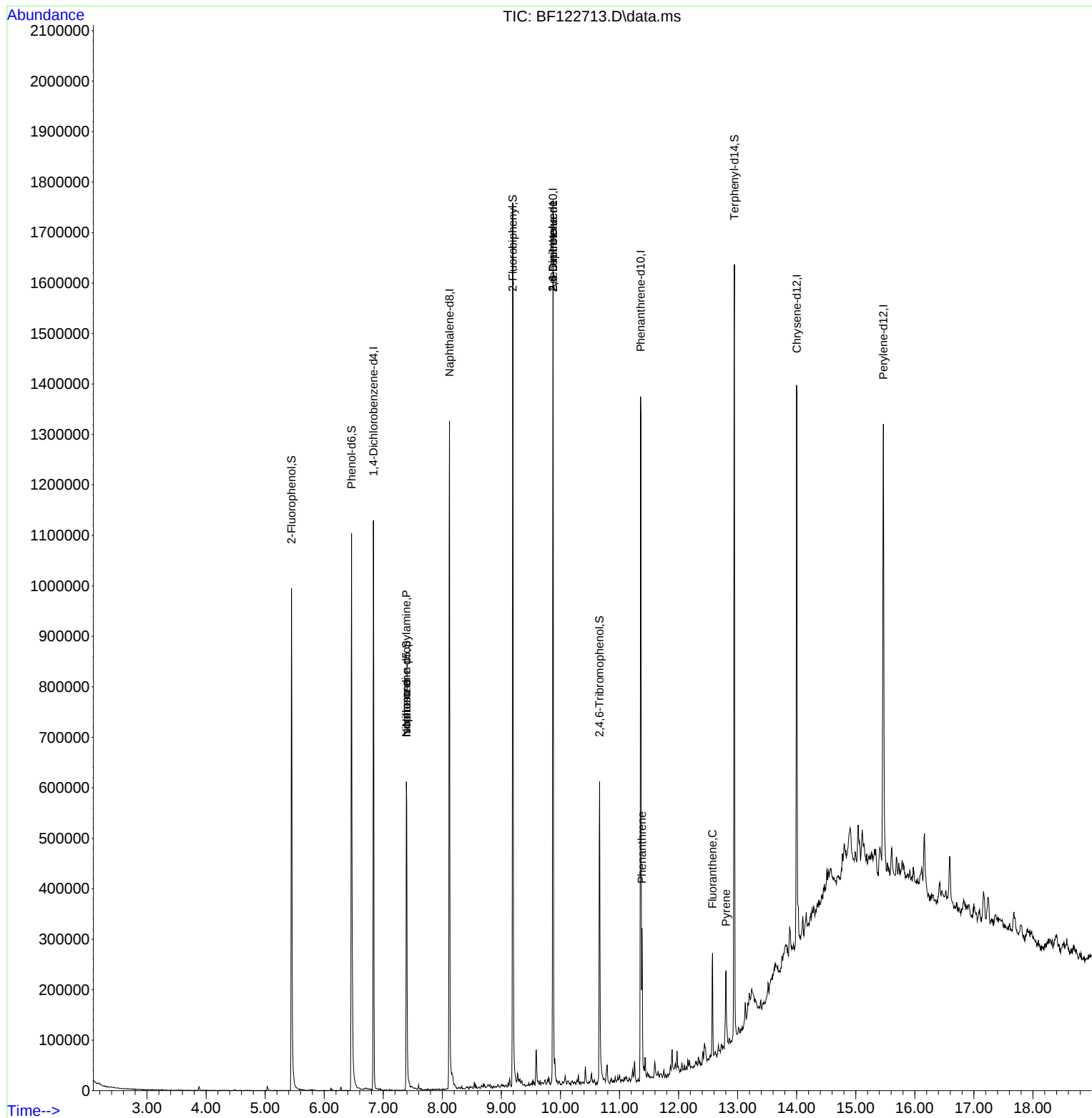
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.833	152	168772	20.00	ng	0.00
21) Naphthalene-d8	8.122	136	656303	20.00	ng	0.00
39) Acenaphthene-d10	9.874	164	337177	20.00	ng	0.00
64) Phenanthrene-d10	11.357	188	556335	20.00	ng	-0.01
76) Chrysene-d12	14.004	240	411770	20.00	ng	0.00
86) Perylene-d12	15.468	264	427361	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	324522	30.44	ng	-0.01
7) Phenol-d6	6.463	99	419744	29.69	ng	-0.02
23) Nitrobenzene-d5	7.392	82	231095	17.64	ng	-0.02
42) 2,4,6-Tribromophenol	10.663	330	93790	21.25	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	562997	22.58	ng	-0.01
79) Terphenyl-d14	12.945	244	508145	21.60	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	29462	3.64	ng	# 79
25) Isophorone	7.392	82	231092	10.24	ng	# 65
51) 2,6-Dinitrotoluene	9.874	165	43897	7.72	ng	# 31
57) 2,4-Dinitrotoluene	9.874	165	43897	5.79	ng	# 25
71) Phenanthrene	11.380	178	102674	3.11	ng	98
75) Fluoranthene	12.574	202	90984	2.62	ng	97
78) Pyrene	12.804	202	67876	2.13	ng	96

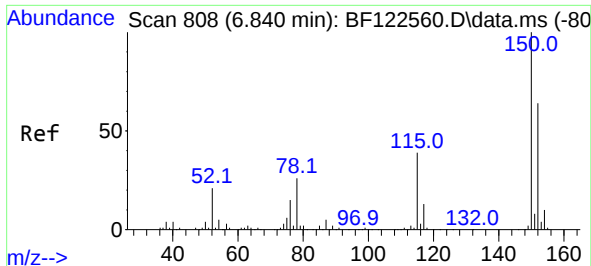
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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Quant Time: Dec 14 23:54:15 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

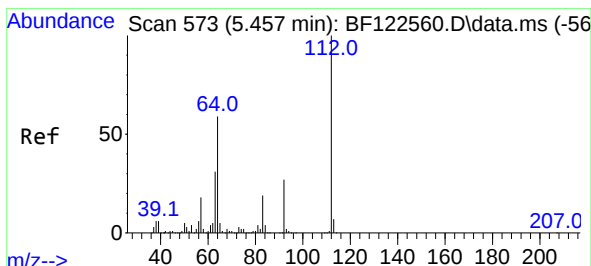
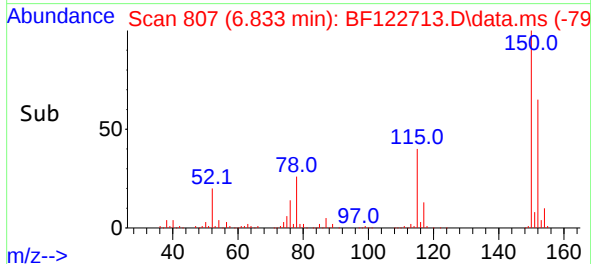
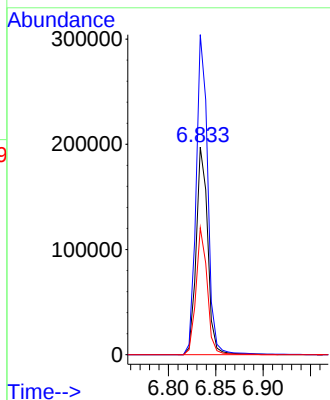
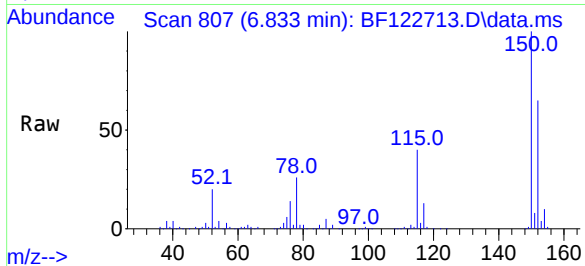




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.833 min Scan# 807
Delta R.T. -0.007 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

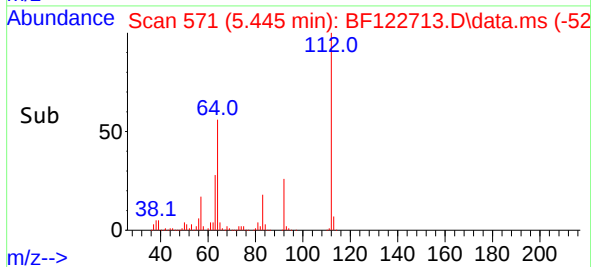
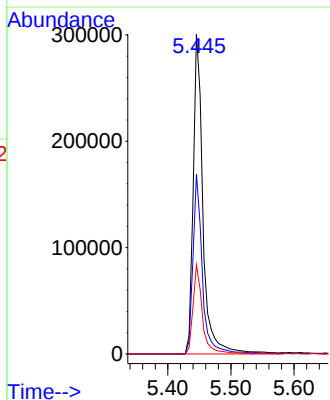
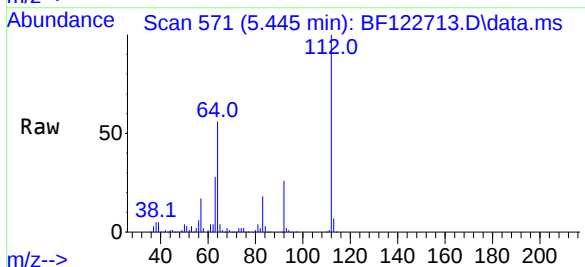
Instrument :
BNA_F
ClientSampleId :
OK-03-121120

Tgt Ion:152 Resp: 168772
Ion Ratio Lower Upper
152 100
150 154.2 125.8 188.6
115 61.2 49.3 73.9



#5
2-Fluorophenol
Concen: 30.44 ng
RT: 5.445 min Scan# 571
Delta R.T. -0.012 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

Tgt Ion:112 Resp: 324522
Ion Ratio Lower Upper
112 100
64 56.2 46.9 70.3
63 27.9 24.5 36.7



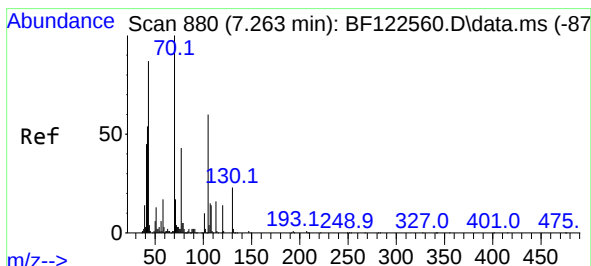
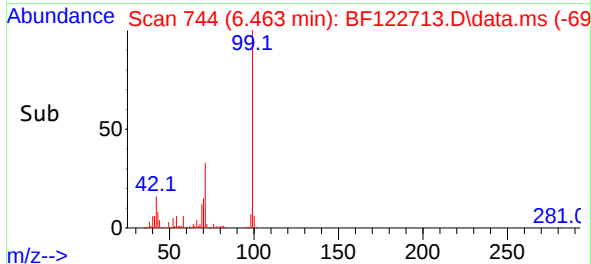
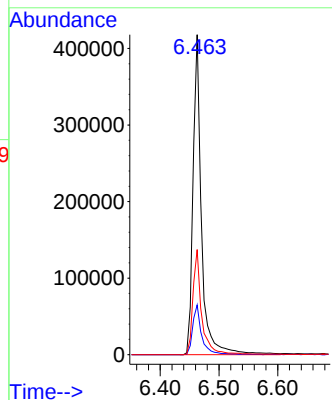
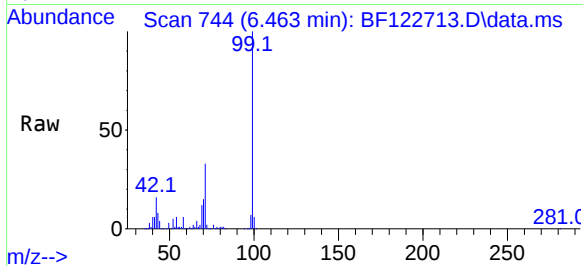


#7
Phenol-d6
Concen: 29.69 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

Instrument :
BNA_F
ClientSampleId :
OK-03-121120

Tgt Ion: 99 Resp: 419744

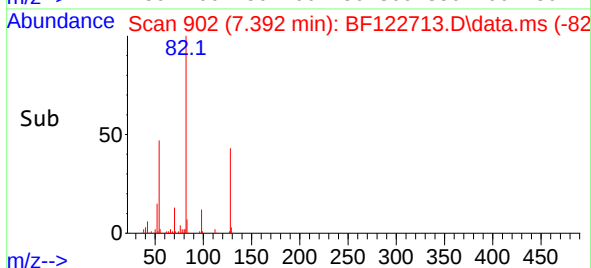
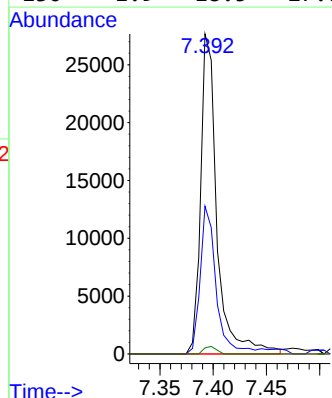
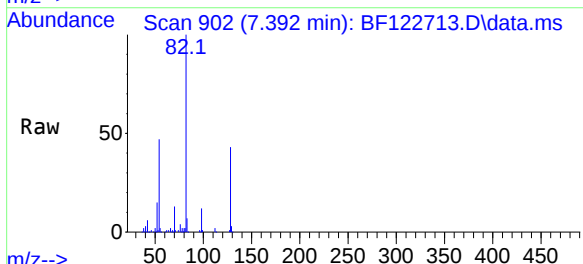
Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.8	20.6
71	32.9	26.9	40.3



#19
n-Nitroso-di-n-propylamine
Concen: 3.64 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.129 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

Tgt Ion: 70 Resp: 29462

Ion	Ratio	Lower	Upper
70	100		
42	46.1	43.0	64.4
101	0.0	7.9	11.9#
130	1.9	18.5	27.7#



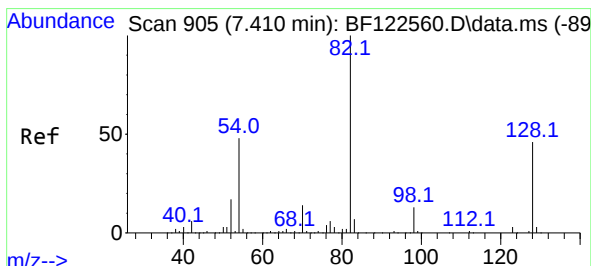
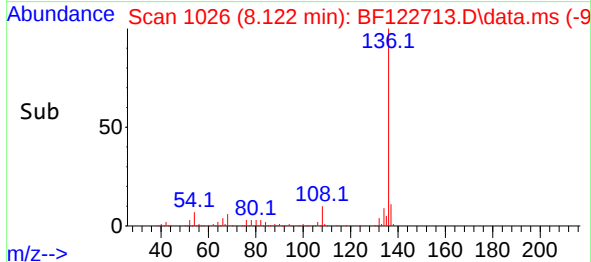
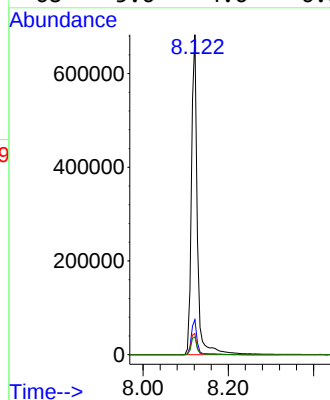
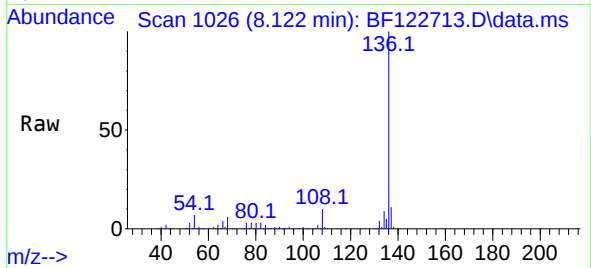


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

Instrument :
BNA_F
ClientSampleId :
OK-03-121120

Tgt Ion:136 Resp: 656303

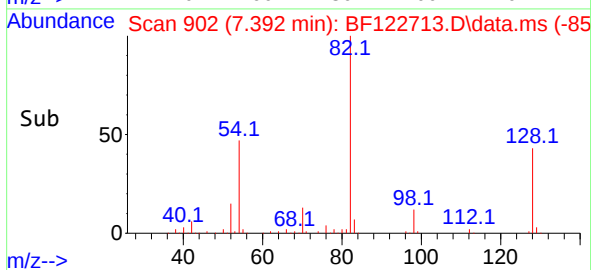
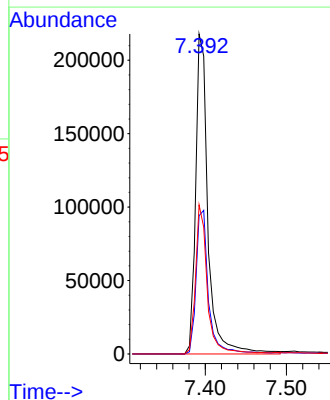
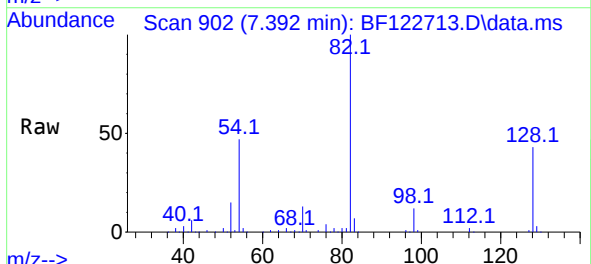
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.6	5.5	8.3
68	5.6	4.6	6.8

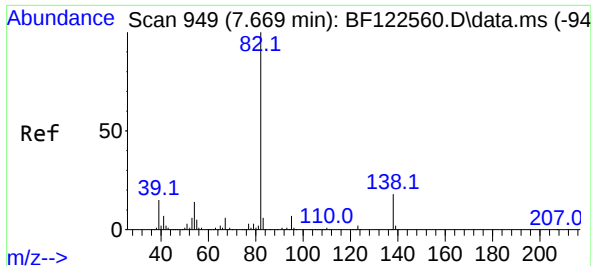


#23
Nitrobenzene-d5
Concen: 17.64 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.018 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

Tgt Ion: 82 Resp: 231095

Ion	Ratio	Lower	Upper
82	100		
128	43.2	37.0	55.4
54	46.6	38.4	57.6

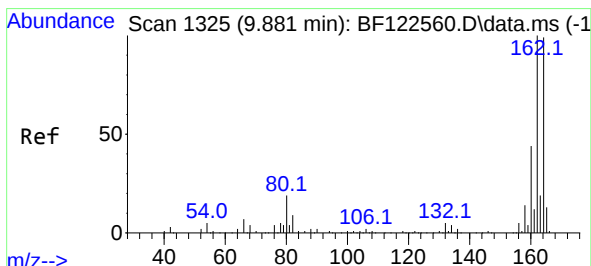
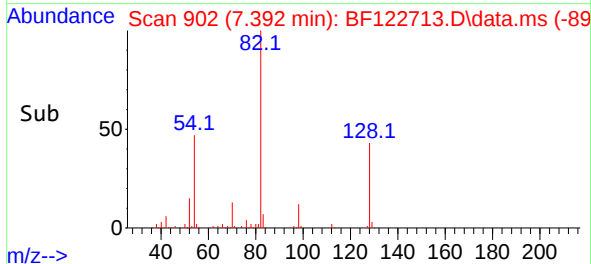
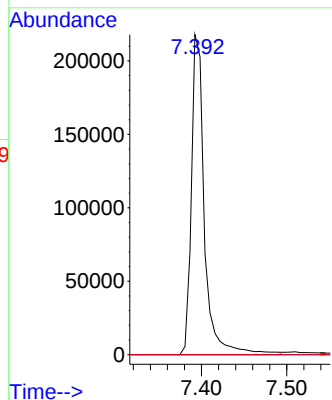
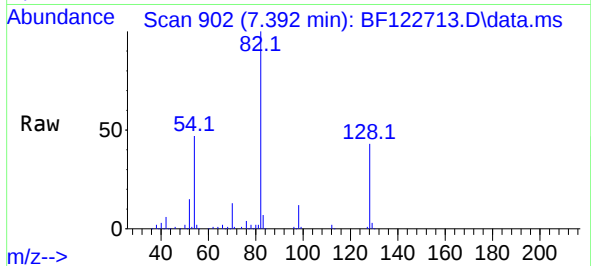




#25
Isophorone
Concen: 10.24 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.277 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

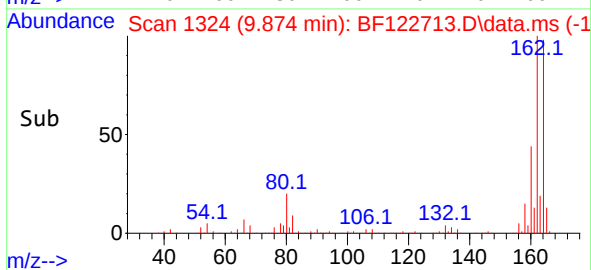
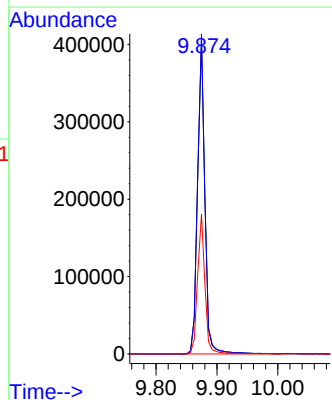
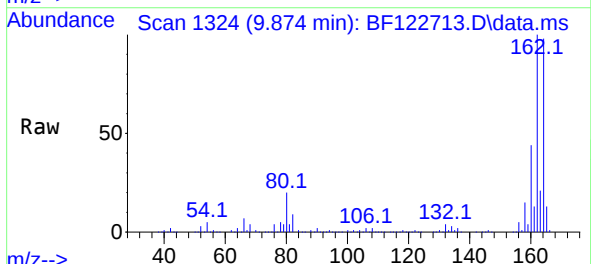
Instrument :
BNA_F
ClientSampleId :
OK-03-121120

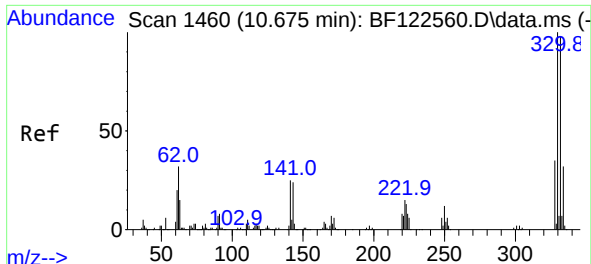
Tgt Ion: 82 Resp: 231092
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.007 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

Tgt Ion: 164 Resp: 337177
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 44.6 35.4 53.0

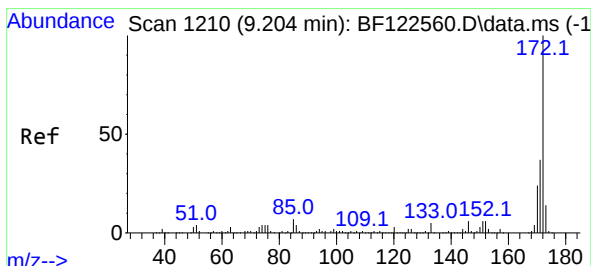
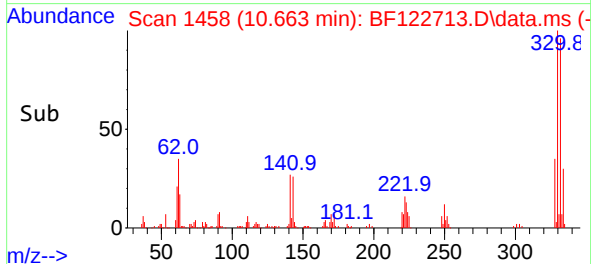
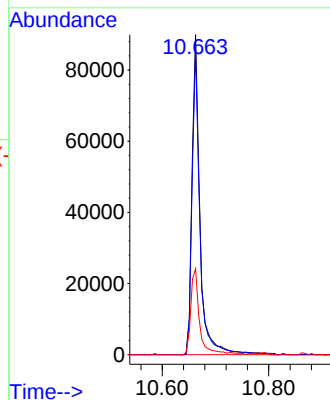
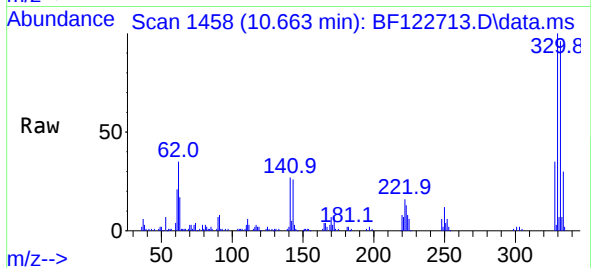




#42
2,4,6-Tribromophenol
Concen: 21.25 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

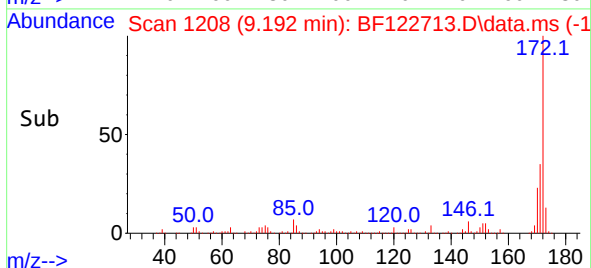
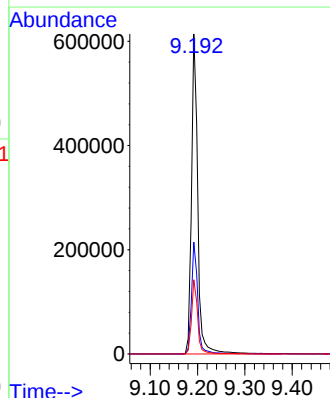
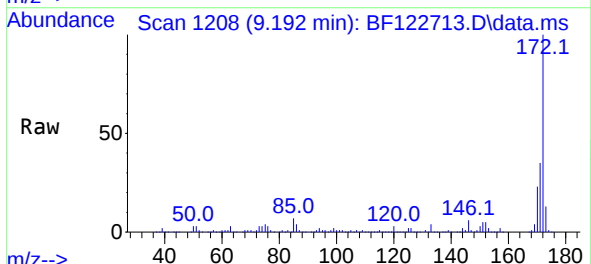
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ClientSampleId :
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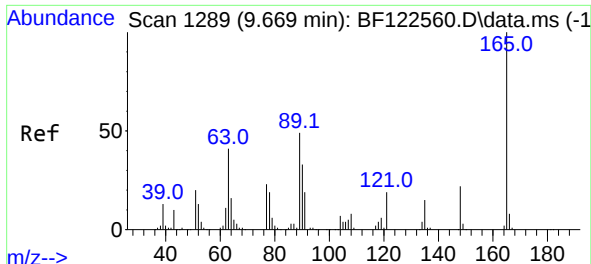
Tgt Ion:330 Resp: 93790
Ion Ratio Lower Upper
330 100
332 95.2 77.5 116.3
141 29.8 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 22.58 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.012 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

Tgt Ion:172 Resp: 562997
Ion Ratio Lower Upper
172 100
171 35.0 29.6 44.4
170 23.2 19.5 29.3

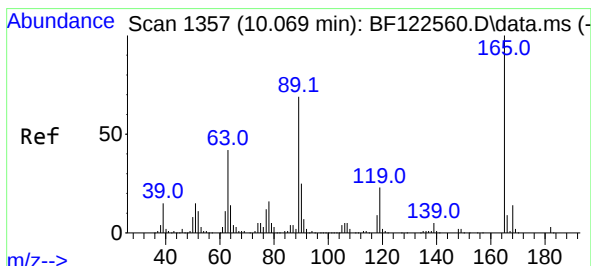
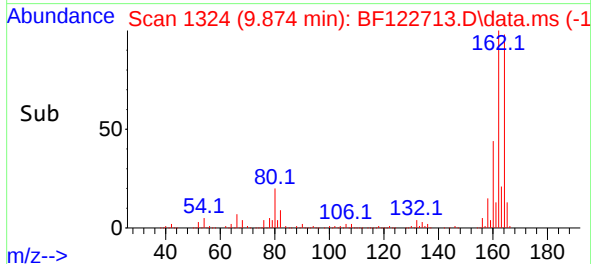
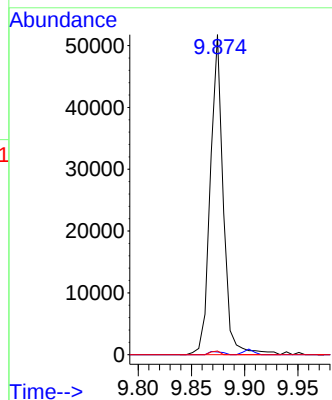
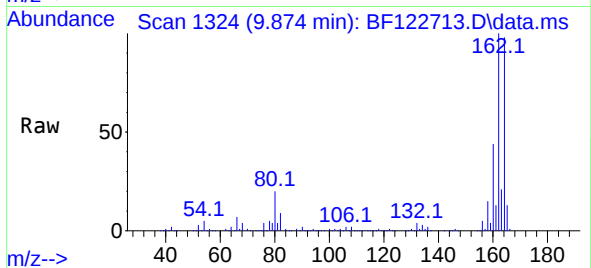




#51
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

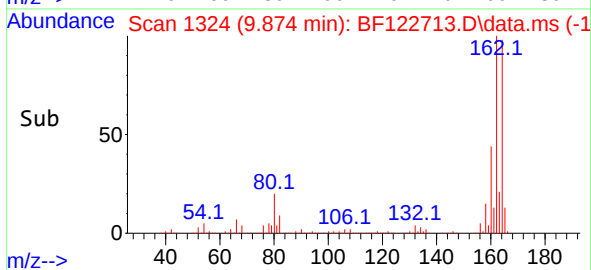
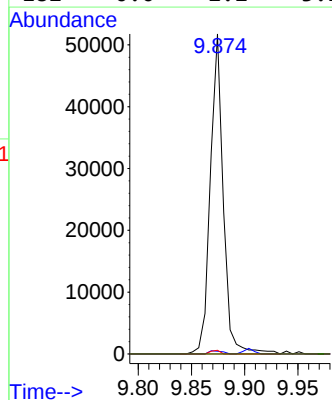
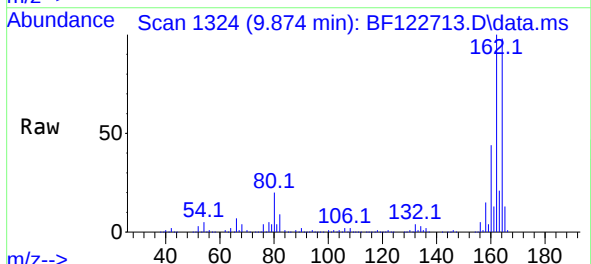
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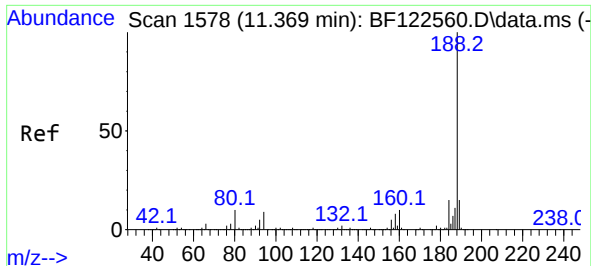
Tgt Ion:165 Resp: 43897
Ion Ratio Lower Upper
165 100
63 0.8 36.6 55.0#
89 1.2 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.79 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.194 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

Tgt Ion:165 Resp: 43897
Ion Ratio Lower Upper
165 100
63 0.8 34.3 51.5#
89 1.2 55.2 82.8#
182 0.0 2.2 3.2#

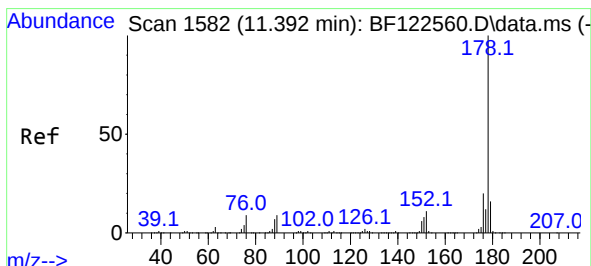
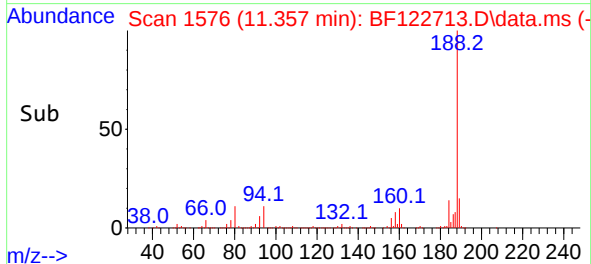
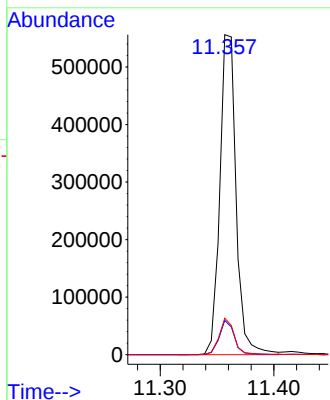
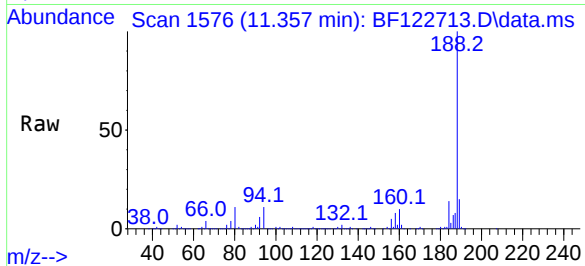




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

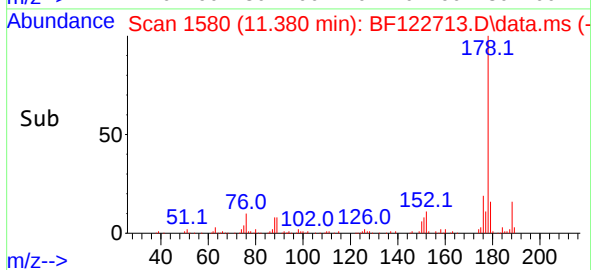
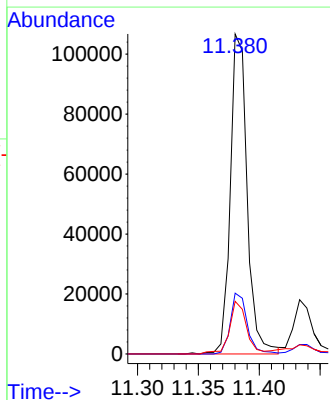
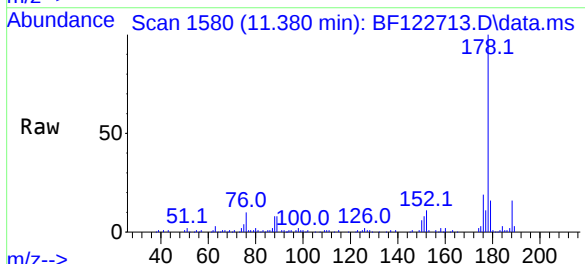
Instrument :
BNA_F
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OK-03-121120

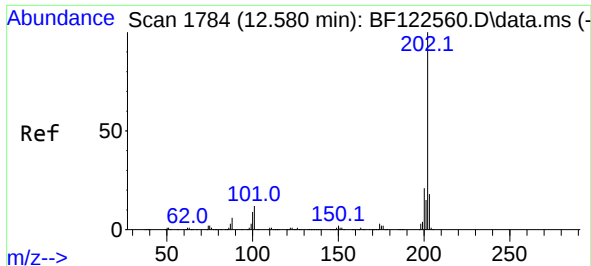
Tgt Ion:188 Resp: 556335
Ion Ratio Lower Upper
188 100
94 10.7 7.4 11.2
80 11.4 8.2 12.4



#71
Phenanthrene
Concen: 3.11 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.012 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

Tgt Ion:178 Resp: 102674
Ion Ratio Lower Upper
178 100
176 19.0 16.2 24.2
179 16.5 12.7 19.1

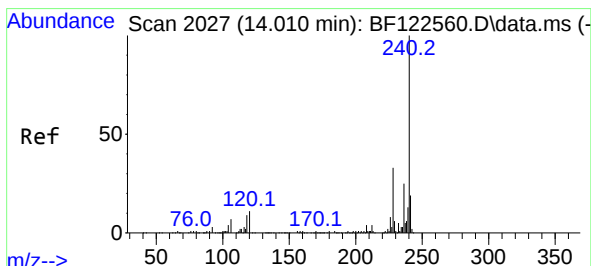
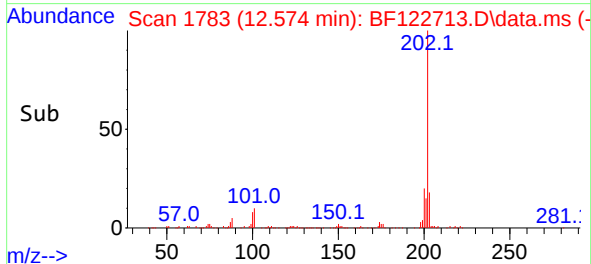
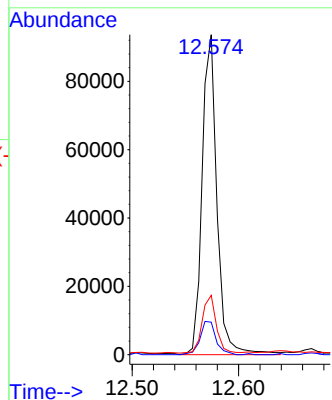
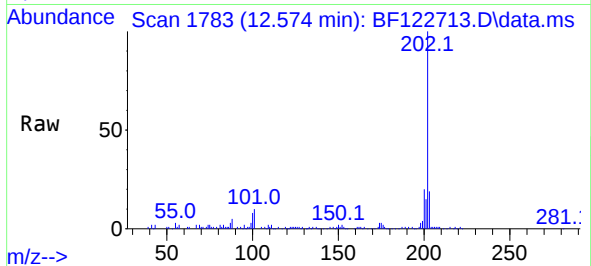




#75
Fluoranthene
Concen: 2.62 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

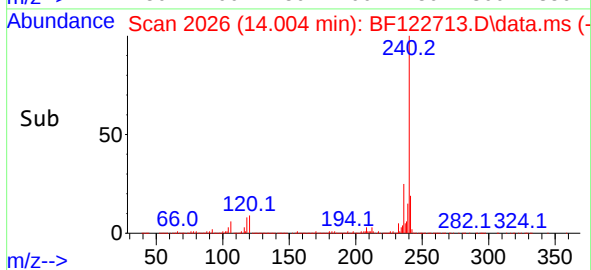
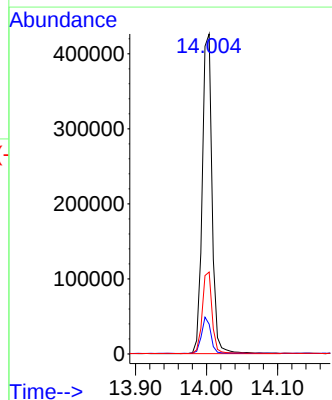
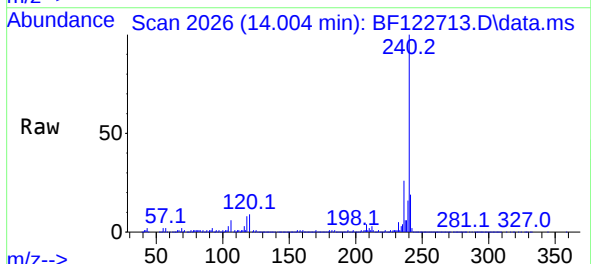
Instrument :
BNA_F
ClientSampleId :
OK-03-121120

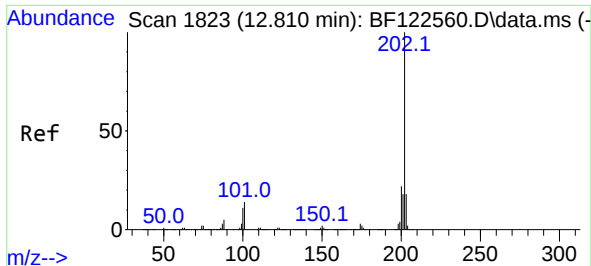
Tgt Ion:202 Resp: 90984
Ion Ratio Lower Upper
202 100
101 10.1 0.0 32.2
203 18.6 0.0 38.1



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

Tgt Ion:240 Resp: 411770
Ion Ratio Lower Upper
240 100
120 9.3 8.6 12.8
236 25.6 20.3 30.5

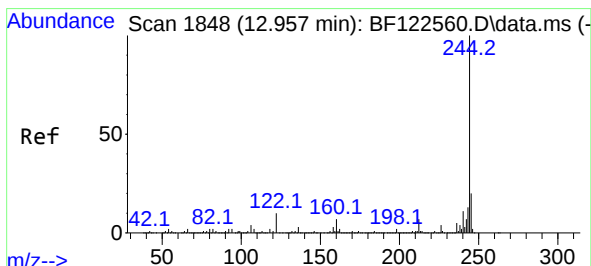
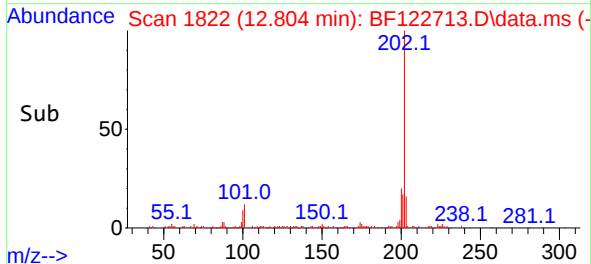
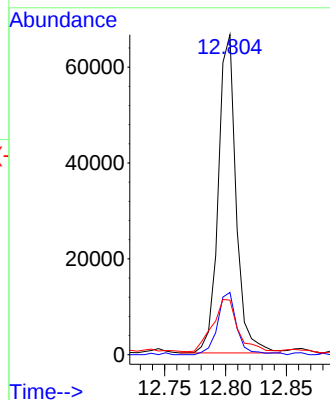
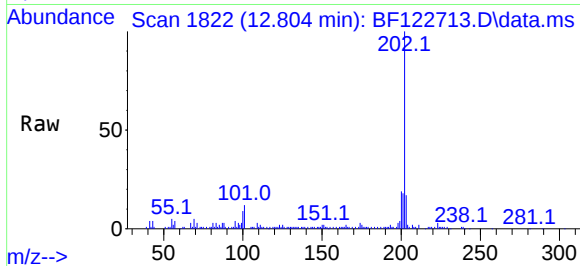




#78
Pyrene
Concen: 2.13 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

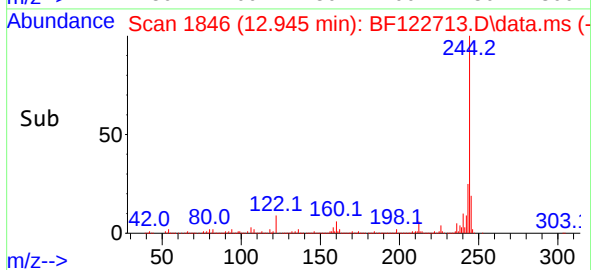
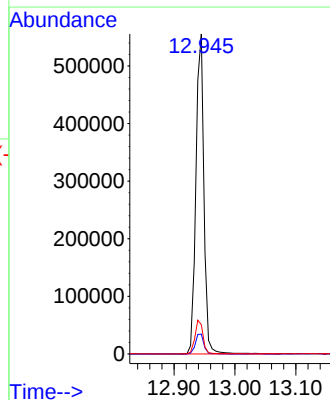
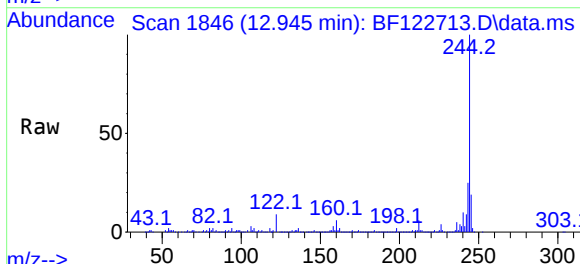
Instrument :
BNA_F
ClientSampleId :
OK-03-121120

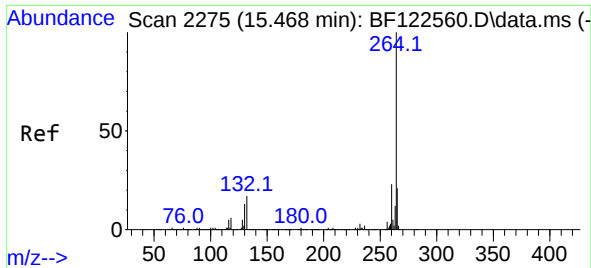
Tgt Ion:	202	Resp:	67876
Ion Ratio	Lower	Upper	
202	100		
200	19.5	17.6	26.4
203	17.1	14.6	21.8



#79
Terphenyl-d14
Concen: 21.60 ng
RT: 12.945 min Scan# 1846
Delta R.T. -0.012 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

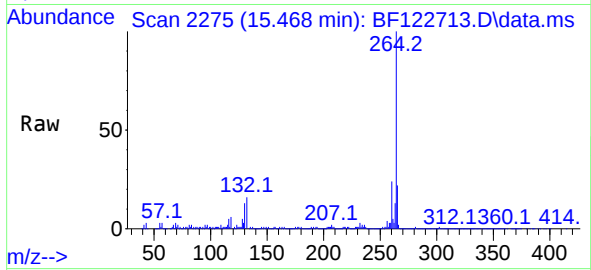
Tgt Ion:	244	Resp:	508145
Ion Ratio	Lower	Upper	
244	100		
212	6.2	5.7	8.5
122	9.1	8.3	12.5





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BF122713.D
Acq: 14 Dec 2020 18:58

Instrument :
BNA_F
ClientSampleId :
OK-03-121120



Tgt Ion:264 Resp: 427361

Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	28.0
265	22.2	17.0	25.6

