

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121520\
 Data File : BF122726.D
 Acq On : 15 Dec 2020 20:45
 Operator : JU/CG
 Sample : L5059-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CALDRUM1-20201209

Quant Time: Dec 16 01:56:07 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)

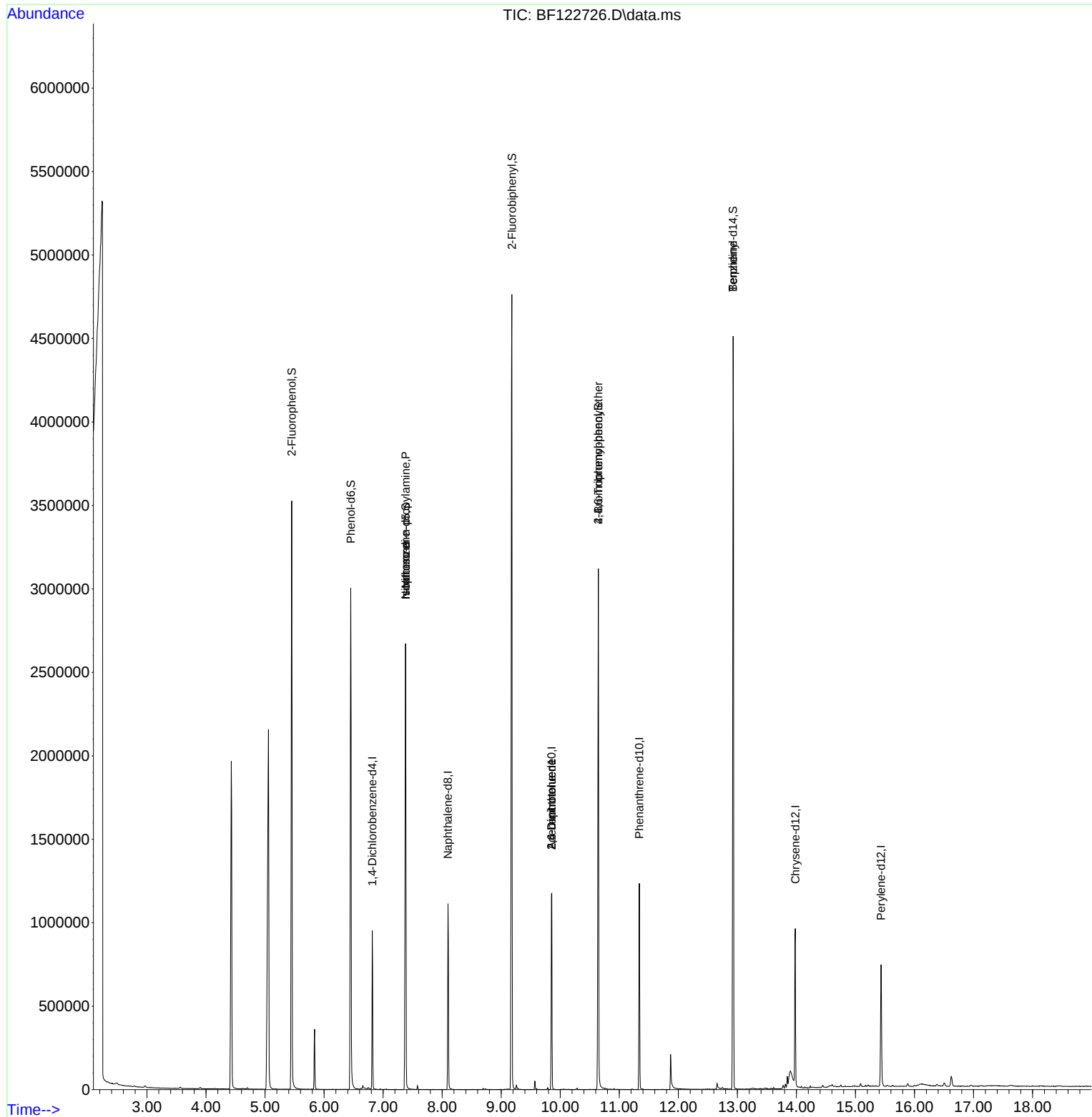
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	139039	20.00	ng	0.00
21) Naphthalene-d8	8.098	136	525214	20.00	ng	-0.01
39) Acenaphthene-d10	9.851	164	261877	20.00	ng	-0.01
64) Phenanthrene-d10	11.339	188	433010	20.00	ng	0.00
76) Chrysene-d12	13.980	240	334748	20.00	ng	0.00
86) Perylene-d12	15.433	264	337082	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1099139	125.15	ng	0.02
7) Phenol-d6	6.451	99	1219756	104.72	ng	0.00
23) Nitrobenzene-d5	7.380	82	962071	91.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	439087	128.09	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1700618	87.84	ng	0.00
79) Terphenyl-d14	12.927	244	1596795	83.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.380	70	126632	18.98	ng	Qvalue # 76
25) Isophorone	7.380	82	962066	53.28	ng	# 65
51) 2,6-Dinitrotoluene	9.851	165	33818	7.66	ng	# 31
57) 2,4-Dinitrotoluene	9.851	165	33818	5.75	ng	# 25
67) 4-Bromophenyl-phenylether	10.645	248	27591	4.70	ng	# 1
77) Benzidine	12.927	184	20097	2.78	ng	# 93

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

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Quant Time: Dec 16 01:56:07 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

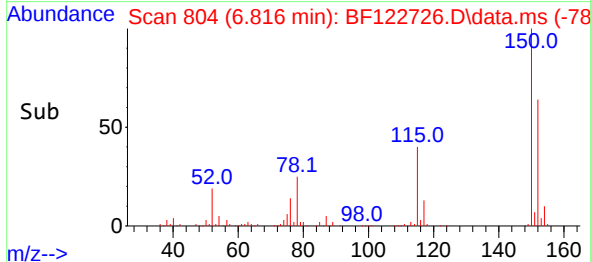
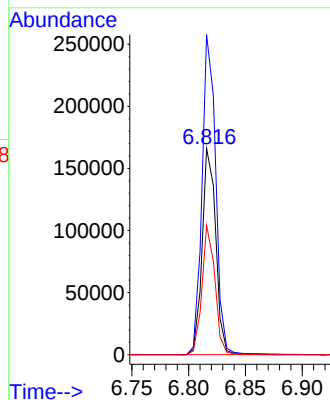
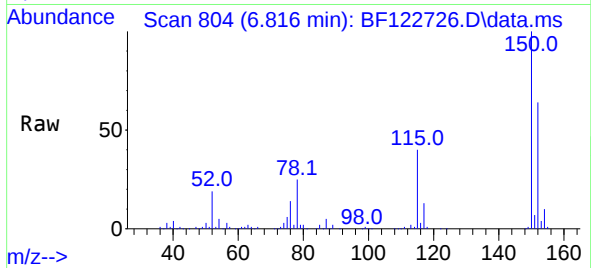




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF122726.D
Acq: 15 Dec 2020 20:45

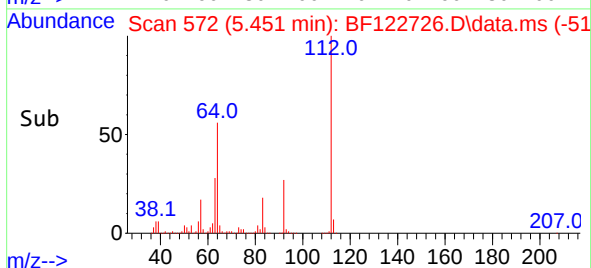
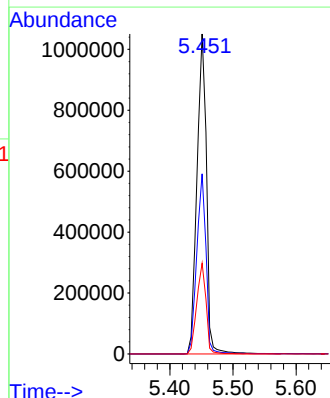
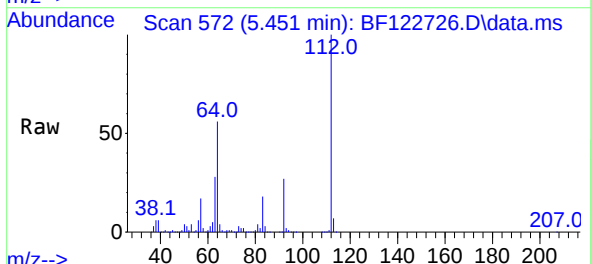
Instrument :
BNA_F
ClientSampleId :
CALDRUM1-20201209

Tgt Ion:152 Resp: 139039
Ion Ratio Lower Upper
152 100
150 155.2 125.8 188.6
115 62.7 49.3 73.9



#5
2-Fluorophenol
Concen: 125.15 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF122726.D
Acq: 15 Dec 2020 20:45

Tgt Ion:112 Resp: 1099139
Ion Ratio Lower Upper
112 100
64 56.3 46.9 70.3
63 28.4 24.5 36.7



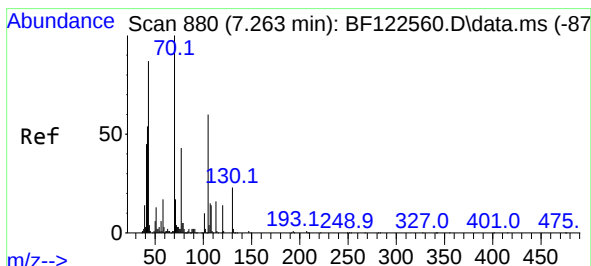
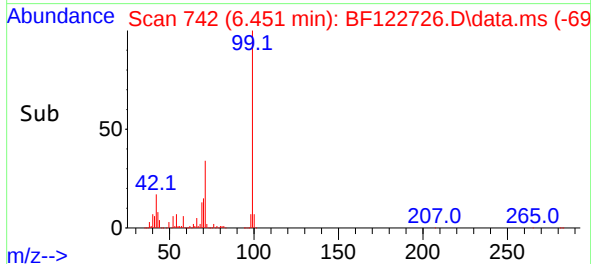
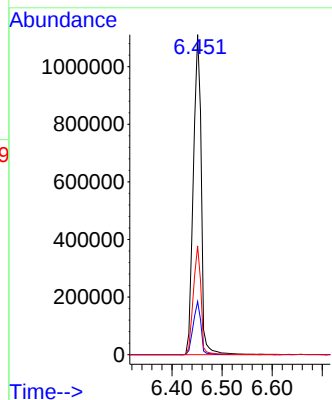
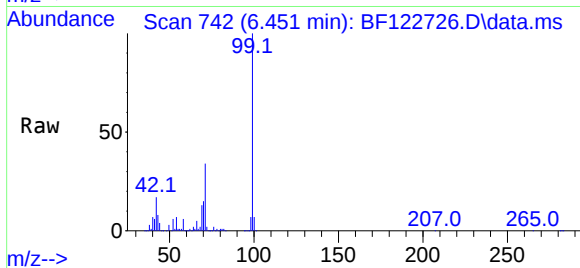


#7
Phenol-d6
Concen: 104.72 ng
RT: 6.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF122726.D
Acq: 15 Dec 2020 20:45

Instrument :
BNA_F
ClientSampleId :
CALDRUM1-20201209

Tgt Ion: 99 Resp: 1219756

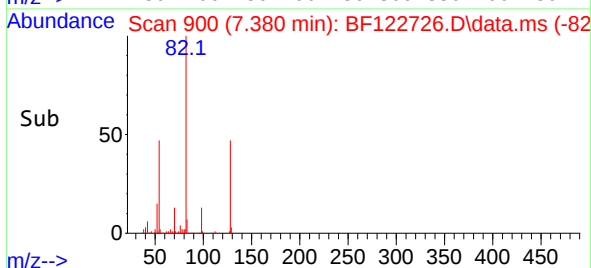
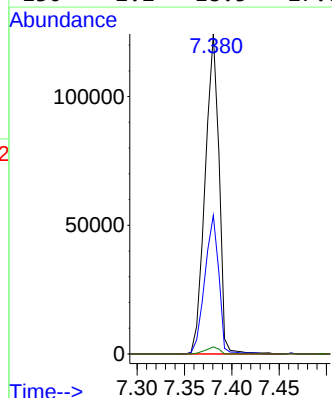
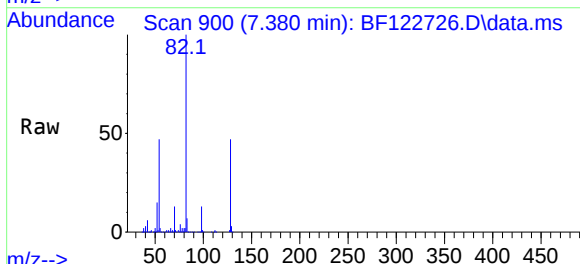
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.8	20.6
71	34.0	26.9	40.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.98 ng
RT: 7.380 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF122726.D
Acq: 15 Dec 2020 20:45

Tgt Ion: 70 Resp: 126632

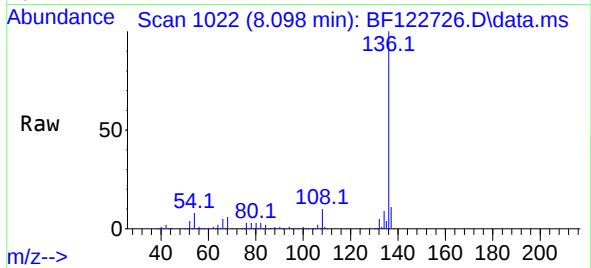
Ion	Ratio	Lower	Upper
70	100		
42	43.3	43.0	64.4
101	0.0	7.9	11.9#
130	2.2	18.5	27.7#





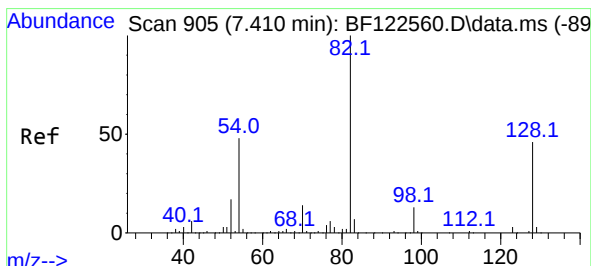
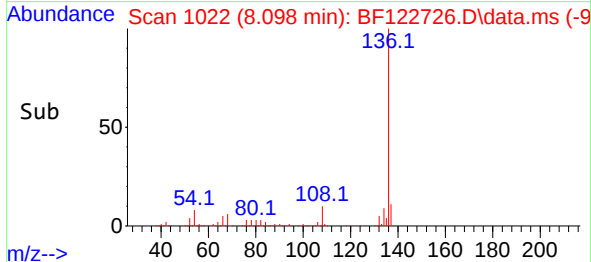
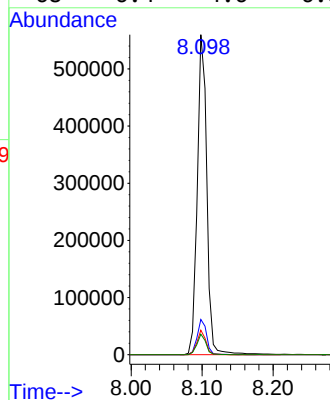
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF122726.D
Acq: 15 Dec 2020 20:45

Instrument :
BNA_F
ClientSampleId :
CALDRUM1-20201209



Tgt Ion:136 Resp: 525214

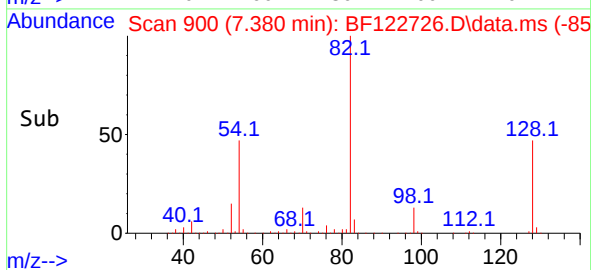
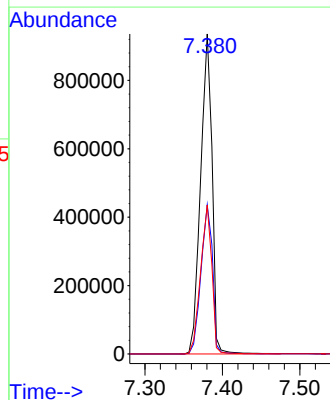
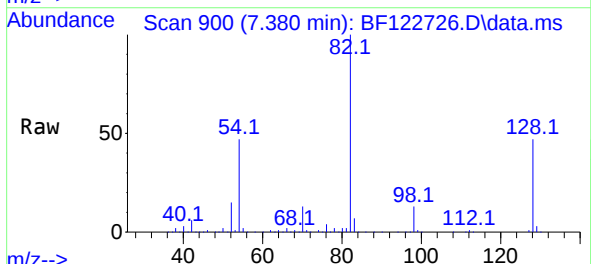
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.6	5.5	8.3
68	6.4	4.6	6.8

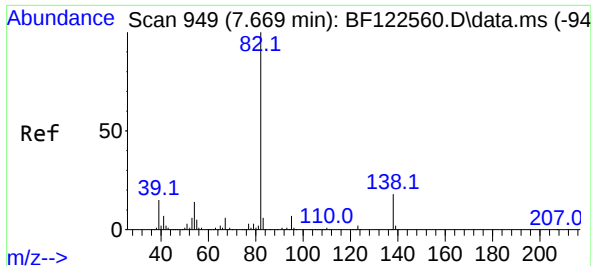


#23
Nitrobenzene-d5
Concen: 91.78 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF122726.D
Acq: 15 Dec 2020 20:45

Tgt Ion: 82 Resp: 962071

Ion	Ratio	Lower	Upper
82	100		
128	46.6	37.0	55.4
54	46.5	38.4	57.6

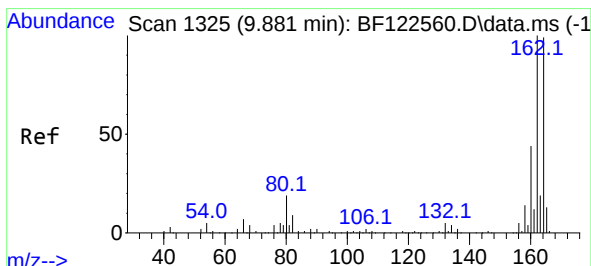
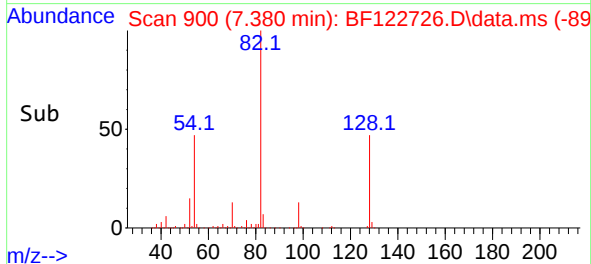
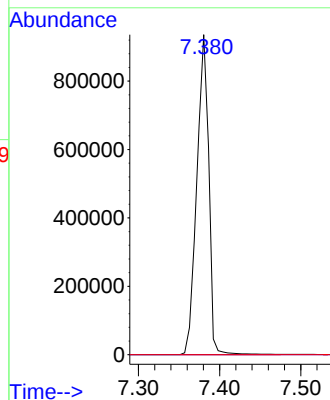
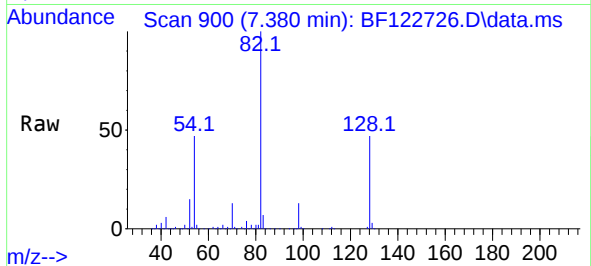




#25
Isophorone
Concen: 53.28 ng
RT: 7.380 min Scan# 900
Delta R.T. -0.265 min
Lab File: BF122726.D
Acq: 15 Dec 2020 20:45

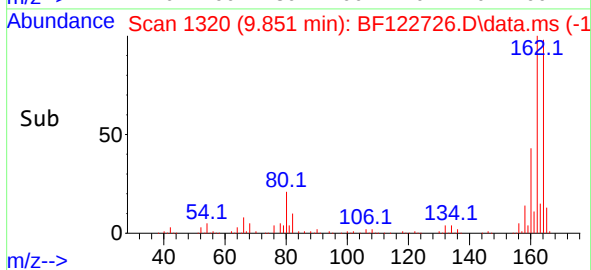
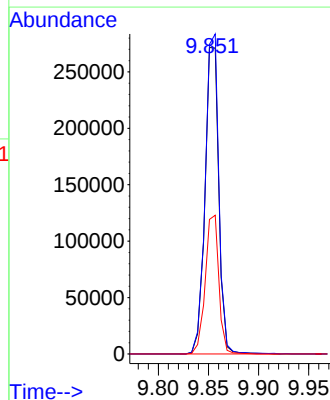
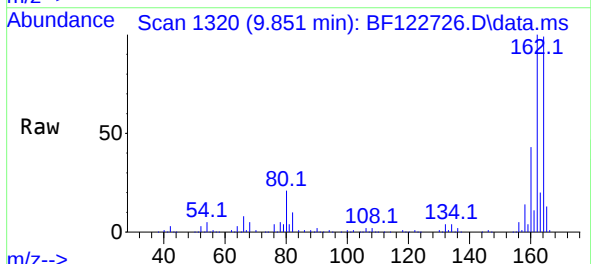
Instrument :
BNA_F
ClientSampleId :
CALDRUM1-20201209

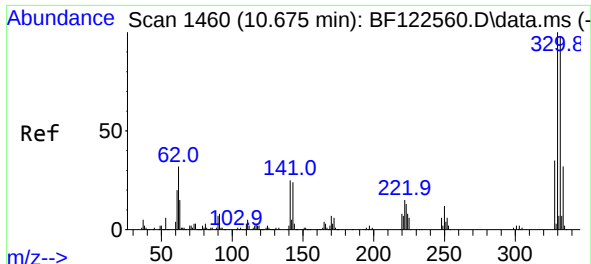
Tgt Ion: 82 Resp: 962066
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF122726.D
Acq: 15 Dec 2020 20:45

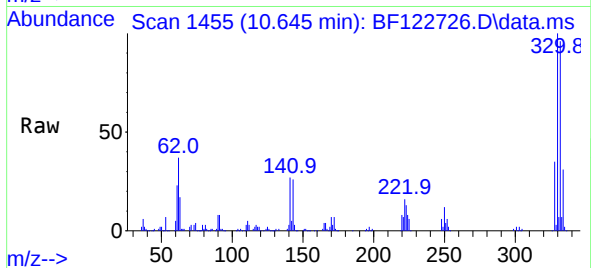
Tgt Ion: 164 Resp: 261877
Ion Ratio Lower Upper
164 100
162 101.1 80.8 121.2
160 43.9 35.4 53.0



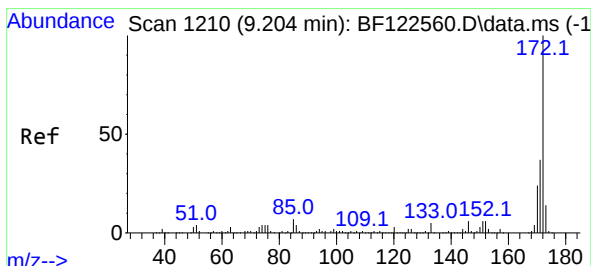
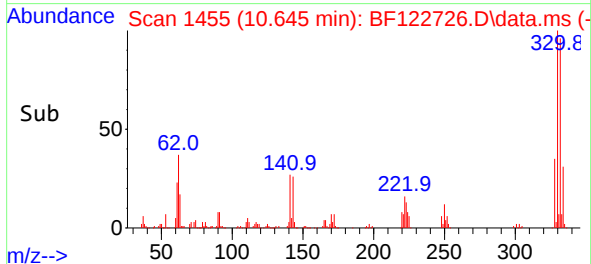
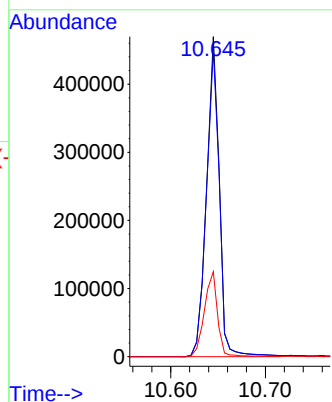


#42
2,4,6-Tribromophenol
Concen: 128.09 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.006 min
Lab File: BF122726.D
Acq: 15 Dec 2020 20:45

Instrument :
BNA_F
ClientSampleId :
CALDRUM1-20201209

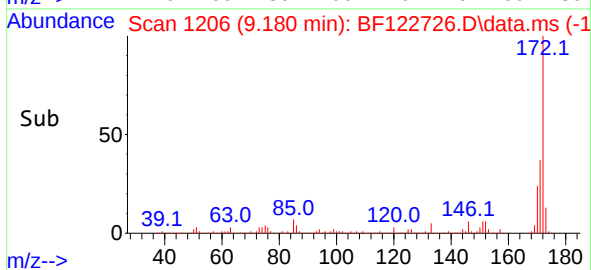
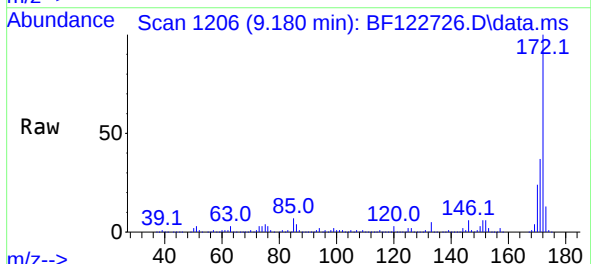
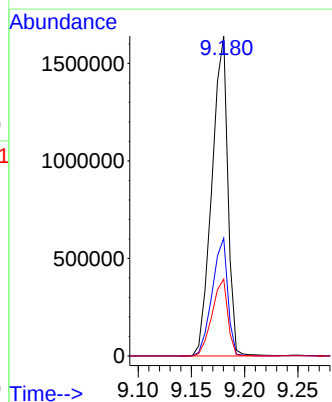


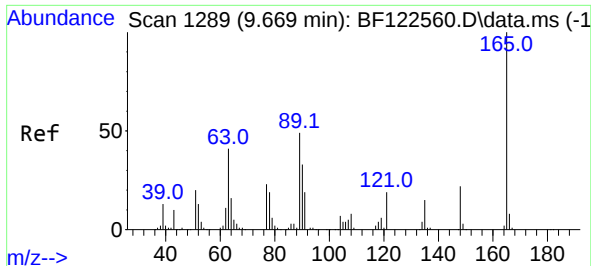
Tgt Ion:330 Resp: 439087
Ion Ratio Lower Upper
330 100
332 98.6 77.5 116.3
141 27.7 23.8 35.8



#45
2-Fluorobiphenyl
Concen: 87.84 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF122726.D
Acq: 15 Dec 2020 20:45

Tgt Ion:172 Resp: 1700618
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.0 19.5 29.3

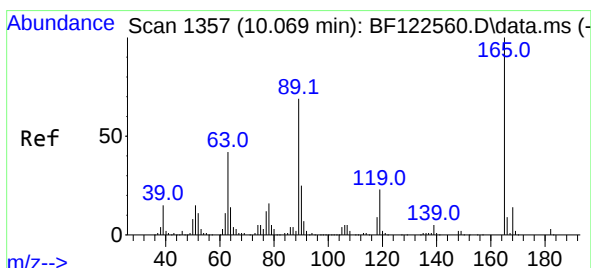
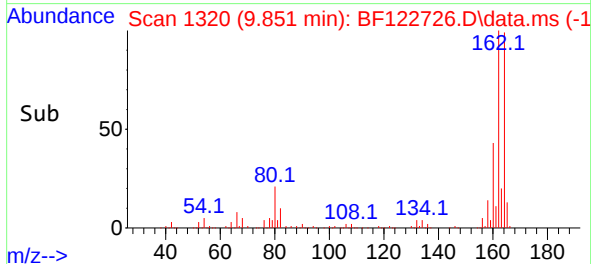
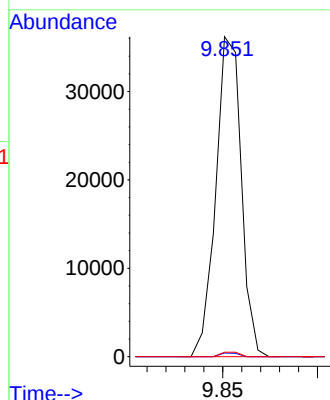
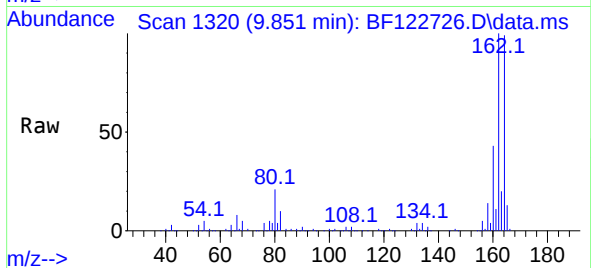




#51
2,6-Dinitrotoluene
Concen: 7.66 ng
RT: 9.851 min Scan# 1320
Delta R.T. 0.206 min
Lab File: BF122726.D
Acq: 15 Dec 2020 20:45

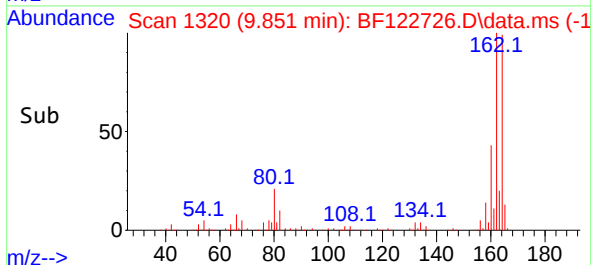
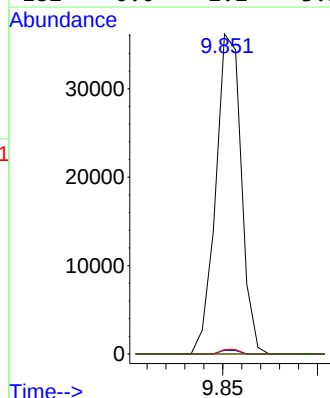
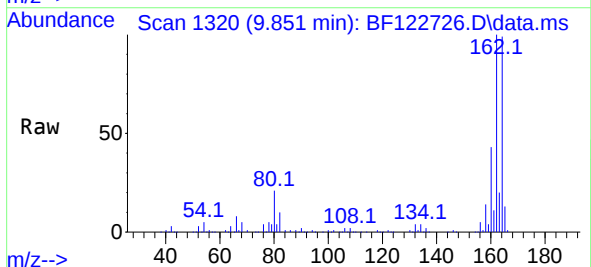
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BNA_F
ClientSampleId :
CALDRUM1-20201209

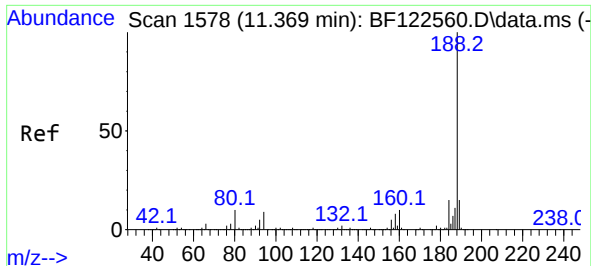
Tgt Ion:165 Resp: 33818
Ion Ratio Lower Upper
165 100
63 1.2 36.6 55.0#
89 1.4 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.75 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.200 min
Lab File: BF122726.D
Acq: 15 Dec 2020 20:45

Tgt Ion:165 Resp: 33818
Ion Ratio Lower Upper
165 100
63 1.2 34.3 51.5#
89 1.4 55.2 82.8#
182 0.0 2.2 3.2#

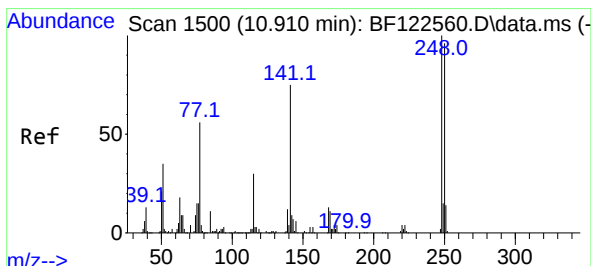
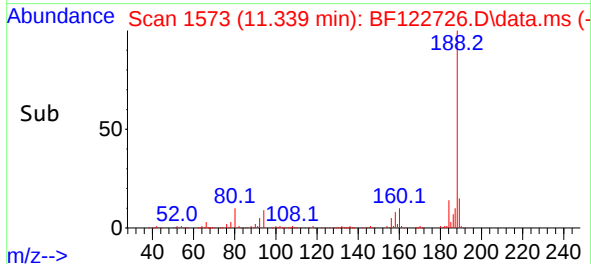
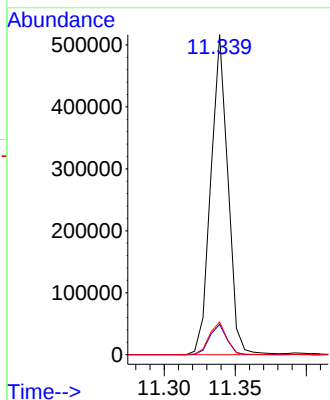
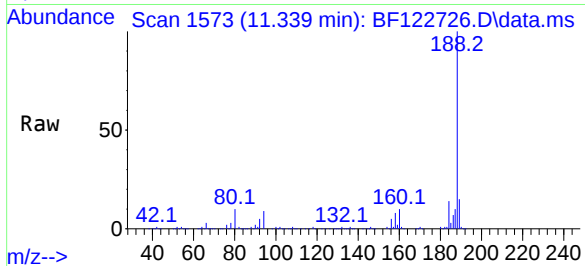




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BF122726.D
Acq: 15 Dec 2020 20:45

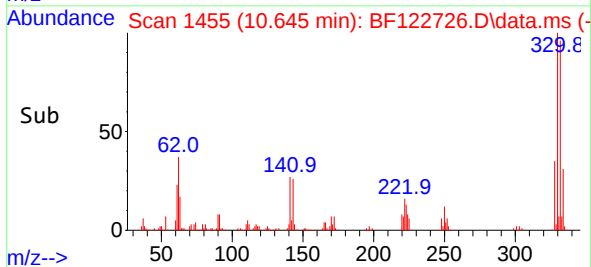
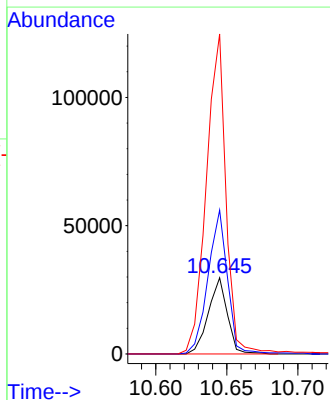
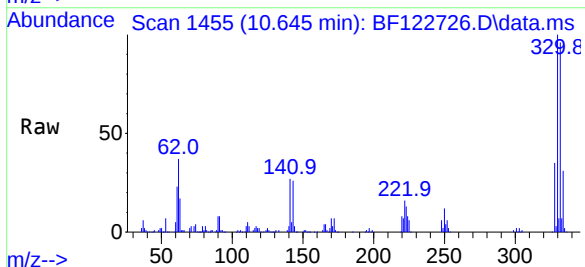
Instrument :
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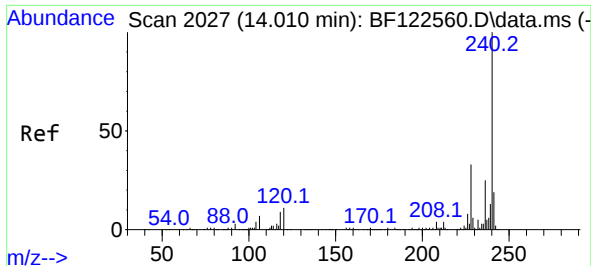
Tgt Ion:188 Resp: 433010
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.2 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.70 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.247 min
Lab File: BF122726.D
Acq: 15 Dec 2020 20:45

Tgt Ion:248 Resp: 27591
Ion Ratio Lower Upper
248 100
250 188.8 76.8 115.2#
141 420.0 59.8 89.8#

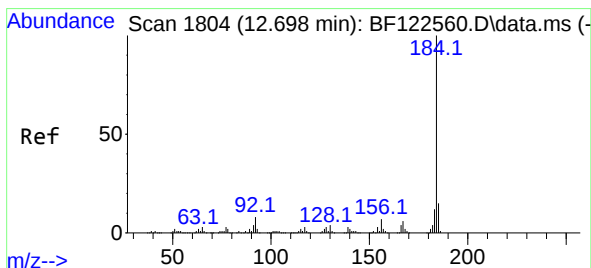
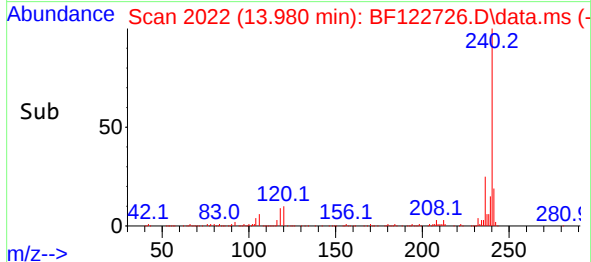
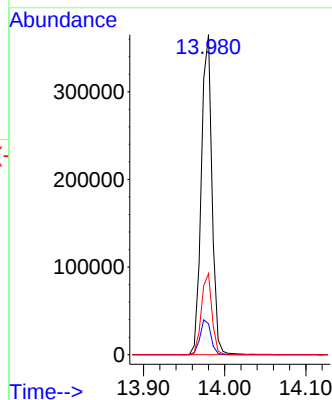
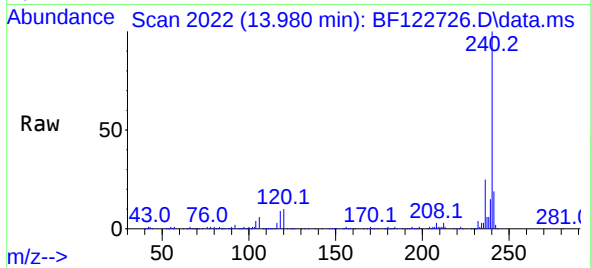




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.980 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF122726.D
Acq: 15 Dec 2020 20:45

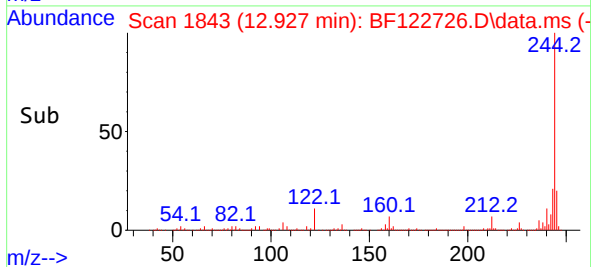
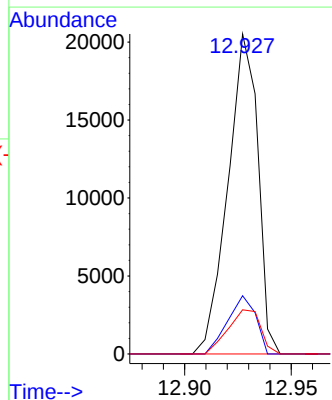
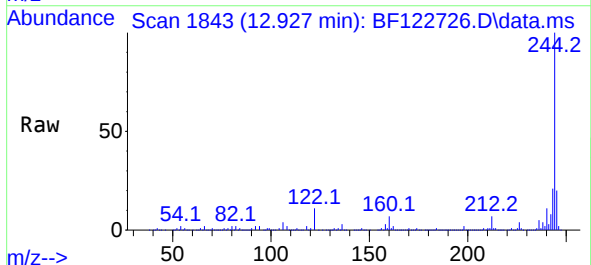
Instrument :
BNA_F
ClientSampleId :
CALDRUM1-20201209

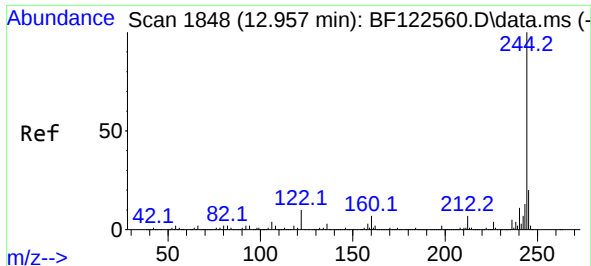
Tgt Ion:240 Resp: 334748
Ion Ratio Lower Upper
240 100
120 9.6 8.6 12.8
236 25.3 20.3 30.5



#77
Benzidine
Concen: 2.78 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.247 min
Lab File: BF122726.D
Acq: 15 Dec 2020 20:45

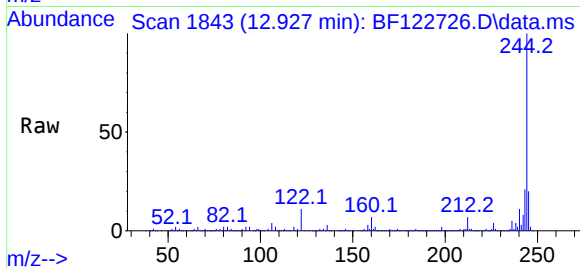
Tgt Ion:184 Resp: 20097
Ion Ratio Lower Upper
184 100
185 18.2 11.8 17.6#
183 13.8 9.7 14.5



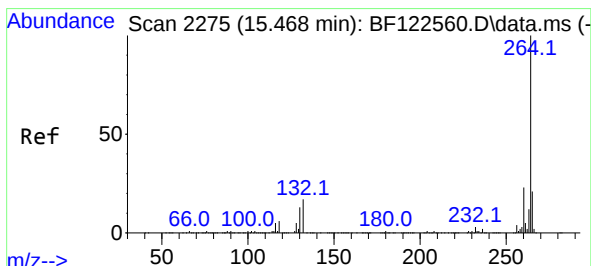
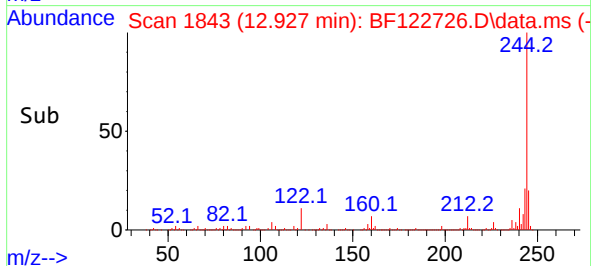
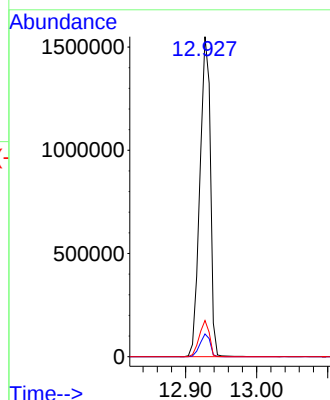


#79
Terphenyl-d14
Concen: 83.50 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF122726.D
Acq: 15 Dec 2020 20:45

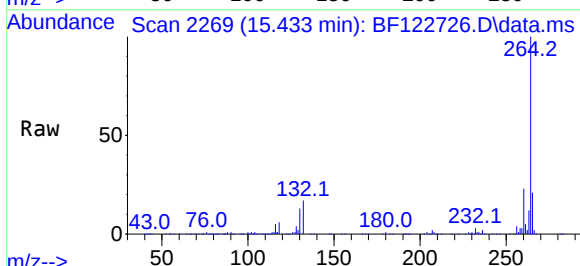
Instrument :
BNA_F
ClientSampleId :
CALDRUM1-20201209



Tgt Ion:244 Resp: 1596795
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 11.3 8.3 12.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.433 min Scan# 2269
Delta R.T. -0.006 min
Lab File: BF122726.D
Acq: 15 Dec 2020 20:45



Tgt Ion:264 Resp: 337082
Ion Ratio Lower Upper
264 100
260 23.5 18.6 28.0
265 21.1 17.0 25.6

