

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022221\
 Data File : BF123256.D
 Acq On : 22 Feb 2021 13:25
 Operator : JU/CG
 Sample : TEST
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP5483

Quant Time: Feb 22 13:50:38 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 19 16:08:53 2021
 Response via : Initial Calibration

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

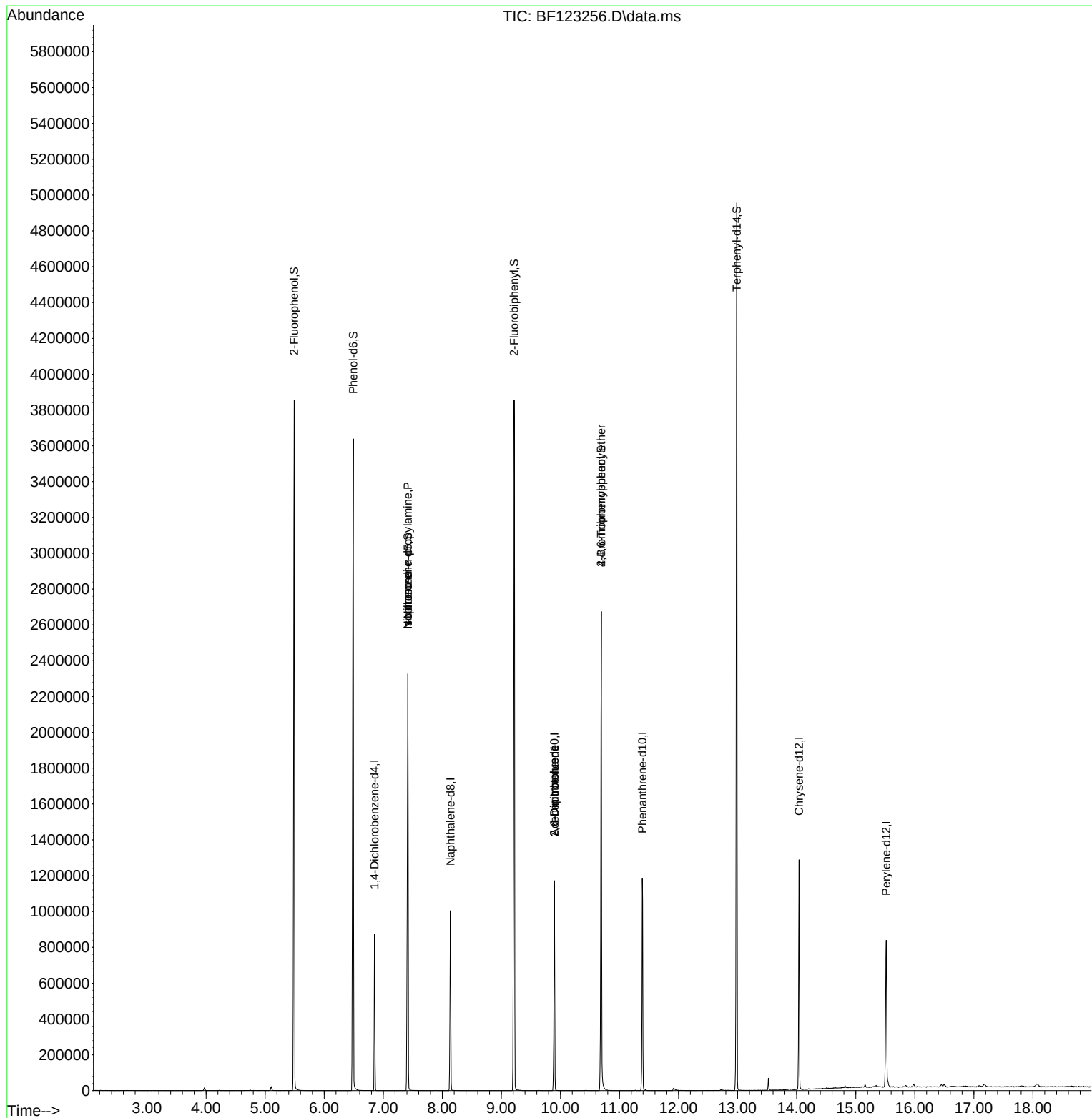
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	117972	20.00	ng	# 0.00
21) Naphthalene-d8	8.139	136	471482	20.00	ng	0.00
39) Acenaphthene-d10	9.898	164	237039	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	450773	20.00	ng	0.00
76) Chrysene-d12	14.039	240	388771	20.00	ng	0.00
86) Perylene-d12	15.515	264	373998	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	1010453	123.29	ng	0.02
7) Phenol-d6	6.492	99	1267706	113.85	ng	0.00
23) Nitrobenzene-d5	7.416	82	876694	85.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	297606	123.30	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1405886	85.20	ng	0.00
79) Terphenyl-d14	12.986	244	1568314	77.57	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.492	77	2371	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	120472	18.19	ng	# 81
25) Isophorone	7.416	82	865193	44.92	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	29370	7.19	ng	# 32
57) 2,4-Dinitrotoluene	9.898	165	29370	5.35	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	20930	4.26	ng	# 1

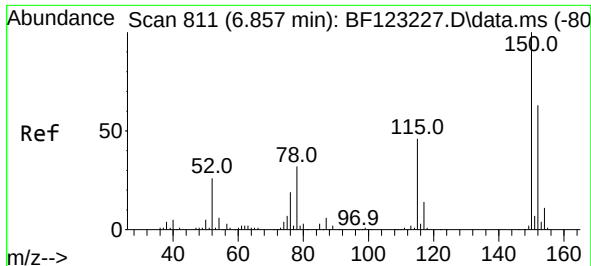
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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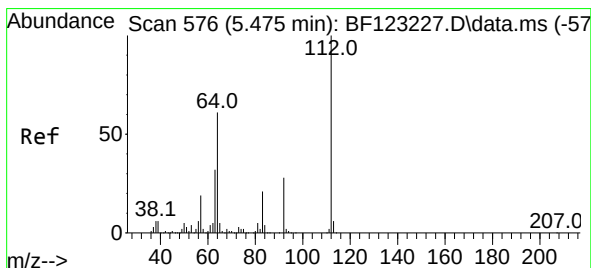
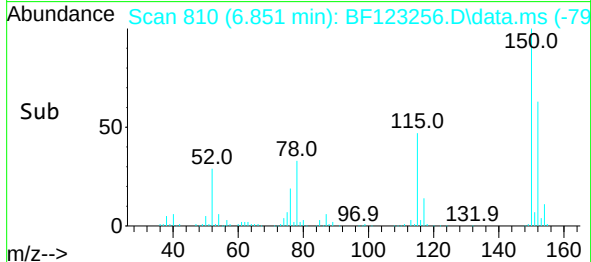
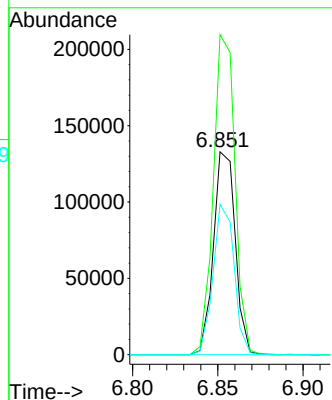
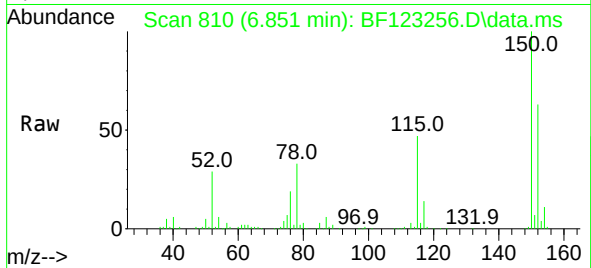




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

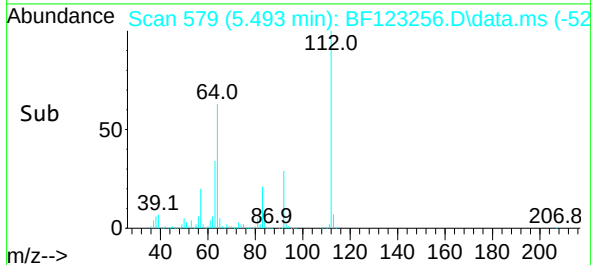
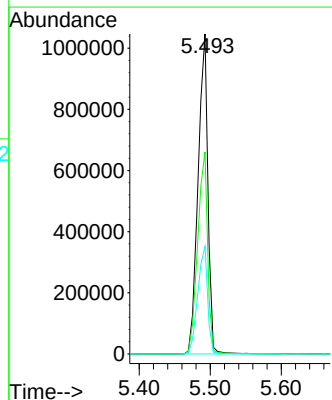
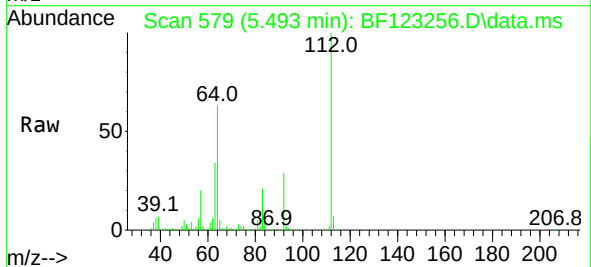
Instrument :
BNA_F
ClientSampleId :
SP5483

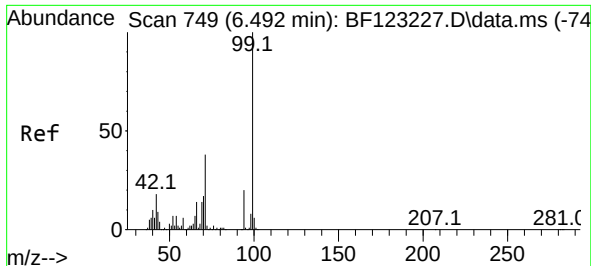
Tgt Ion:152 Resp: 117972
Ion Ratio Lower Upper
152 100
150 157.7 125.8 188.6
115 74.0 49.3 73.9#



#5
2-Fluorophenol
Concen: 123.29 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

Tgt Ion:112 Resp: 1010453
Ion Ratio Lower Upper
112 100
64 63.1 46.9 70.3
63 33.7 24.5 36.7



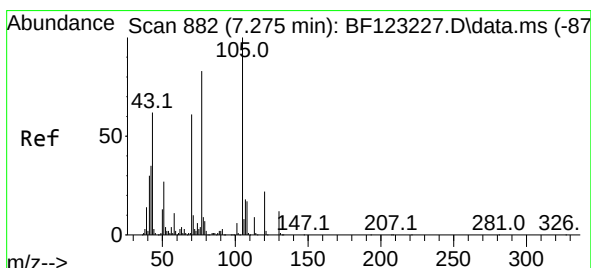
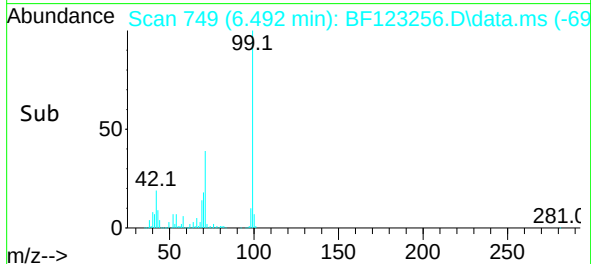
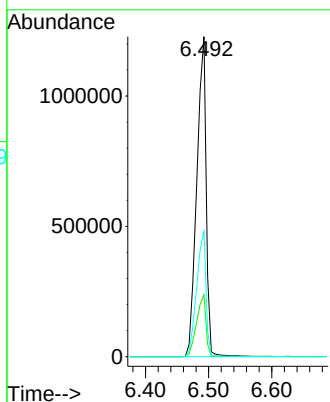
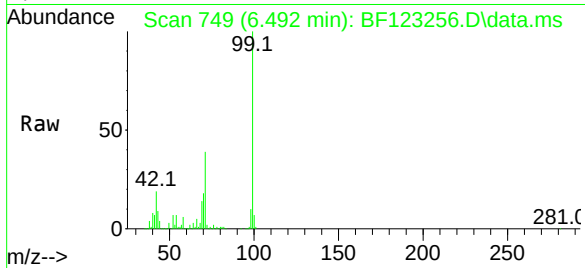


#7
Phenol-d6
Concen: 113.85 ng
RT: 6.492 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

Instrument :
BNA_F
ClientSampleId :
SP5483

Tgt Ion: 99 Resp: 1267706

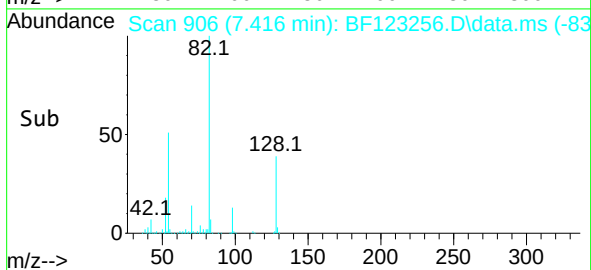
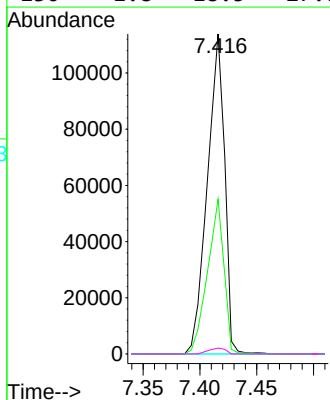
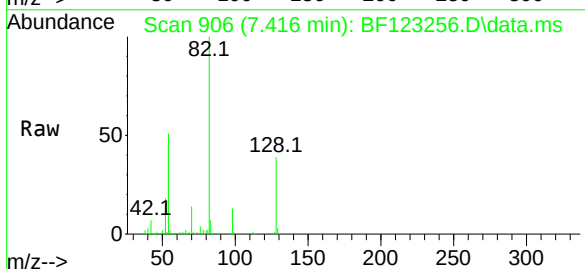
Ion	Ratio	Lower	Upper
99	100		
42	19.4	13.8	20.6
71	39.1	26.9	40.3

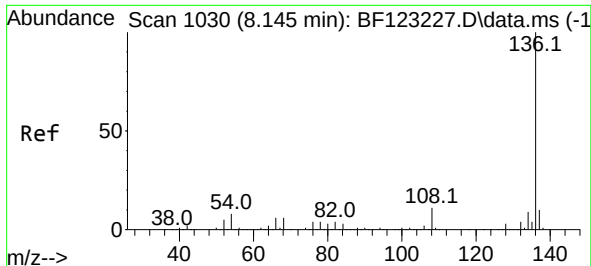


#19
n-Nitroso-di-n-propylamine
Concen: 18.19 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

Tgt Ion: 70 Resp: 120472

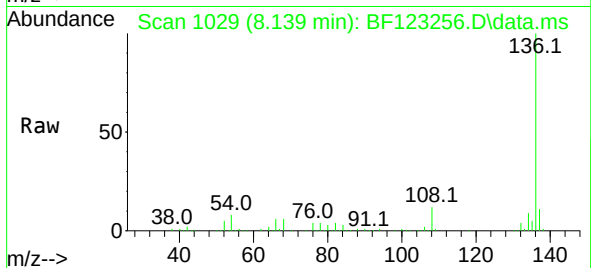
Ion	Ratio	Lower	Upper
70	100		
42	48.3	43.0	64.4
101	0.0	7.9	11.9#
130	1.8	18.5	27.7#





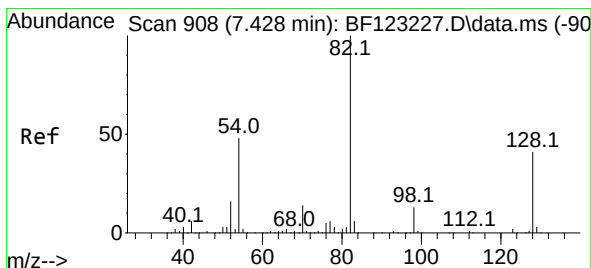
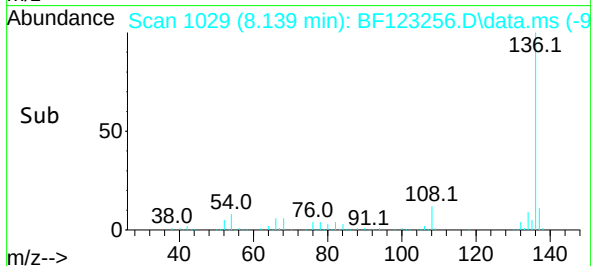
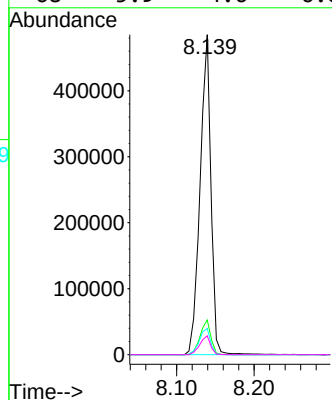
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

Instrument :
BNA_F
ClientSampleId :
SP5483



Tgt Ion:136 Resp: 471482

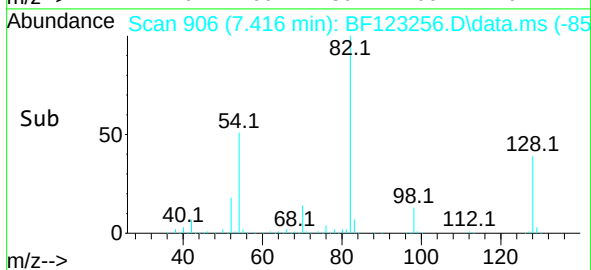
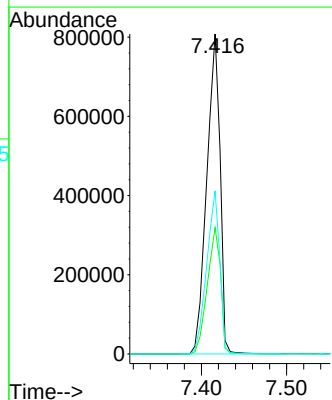
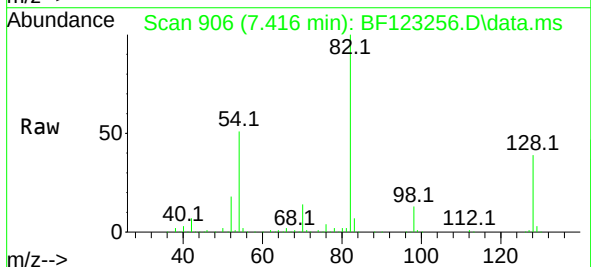
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.2	5.5	8.3
68	5.9	4.6	6.8

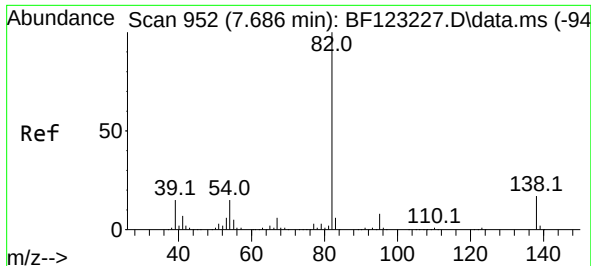


#23
Nitrobenzene-d5
Concen: 85.12 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.012 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

Tgt Ion: 82 Resp: 876694

Ion	Ratio	Lower	Upper
82	100		
128	39.5	37.0	55.4
54	51.0	38.4	57.6

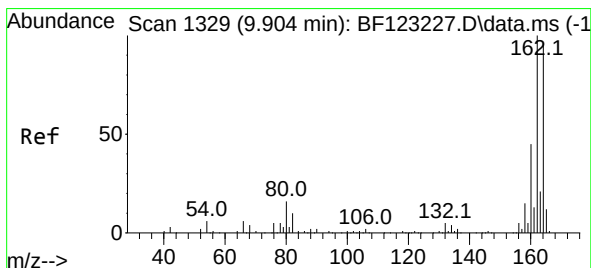
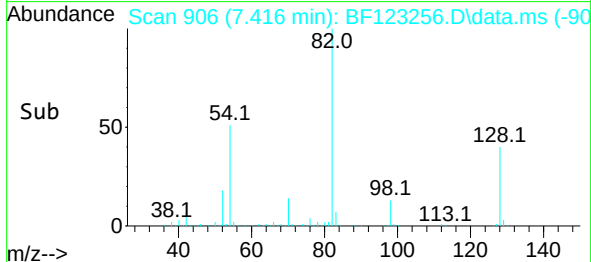
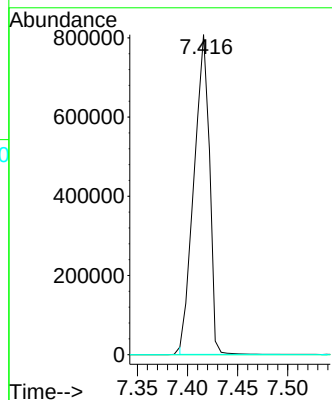
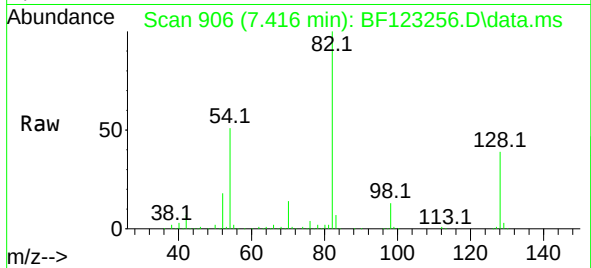




#25
Isophorone
Concen: 44.92 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.271 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

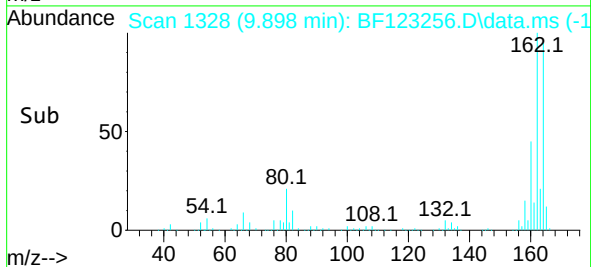
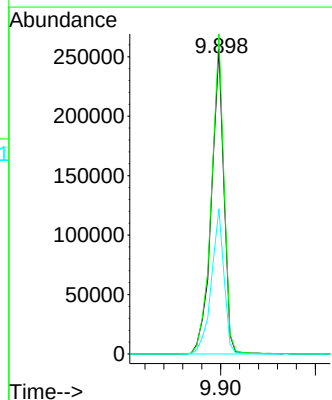
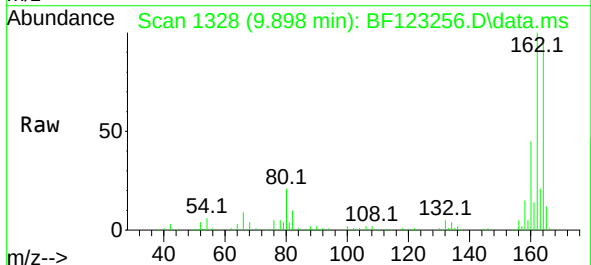
Instrument :
BNA_F
ClientSampleId :
SP5483

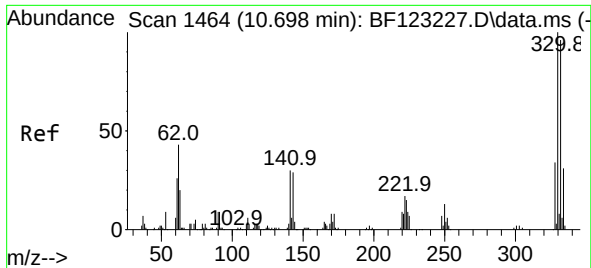
Tgt Ion: 82 Resp: 865193
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.6 21.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

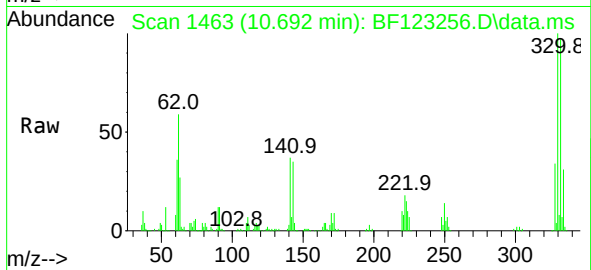
Tgt Ion: 164 Resp: 237039
Ion Ratio Lower Upper
164 100
162 104.9 80.8 121.2
160 47.6 35.4 53.0



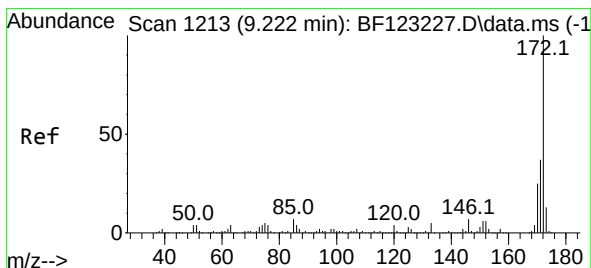
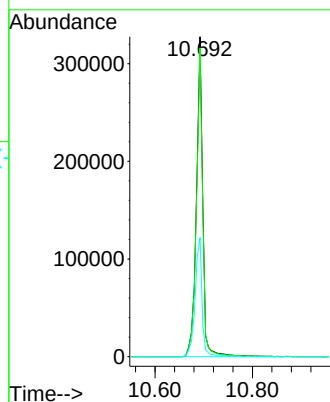
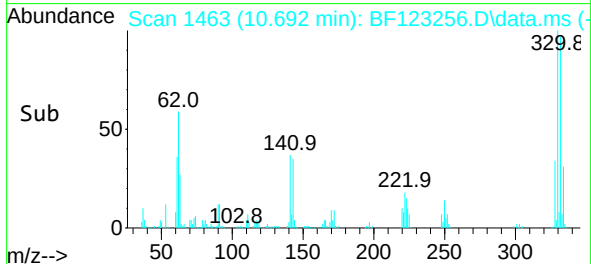


#42
2,4,6-Tribromophenol
Concen: 123.30 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

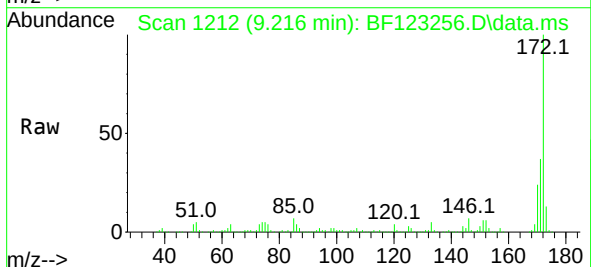
Instrument :
BNA_F
ClientSampleId :
SP5483



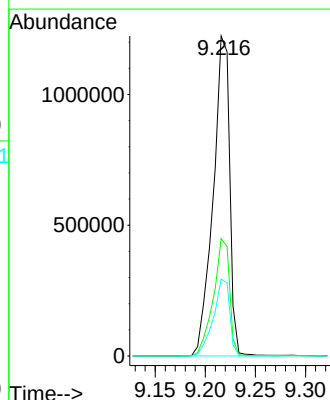
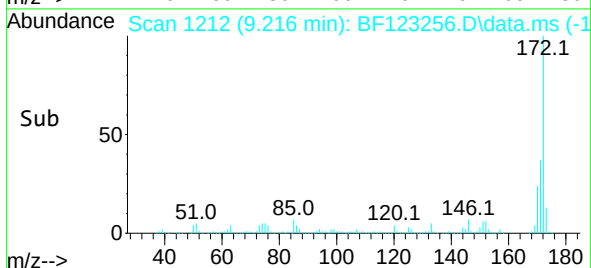
Tgt Ion: 330 Resp: 297606
Ion Ratio Lower Upper
330 100
332 95.7 77.5 116.3
141 40.9 23.8 35.8#

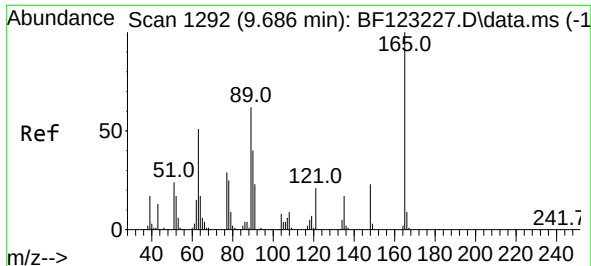


#45
2-Fluorobiphenyl
Concen: 85.20 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25



Tgt Ion: 172 Resp: 1405886
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 24.1 19.5 29.3

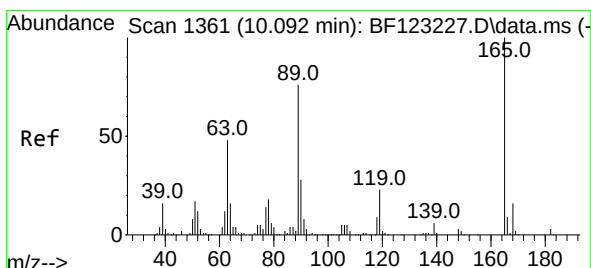
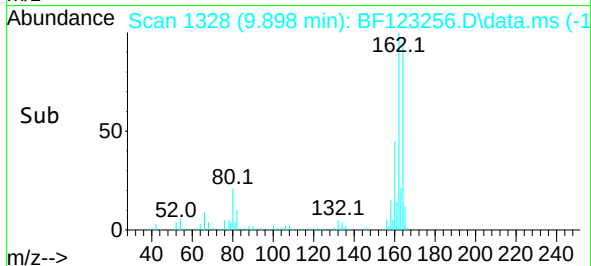
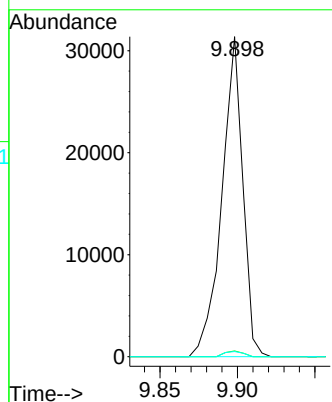
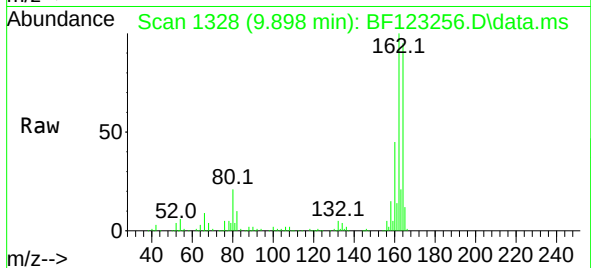




#51
2,6-Dinitrotoluene
Concen: 7.19 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

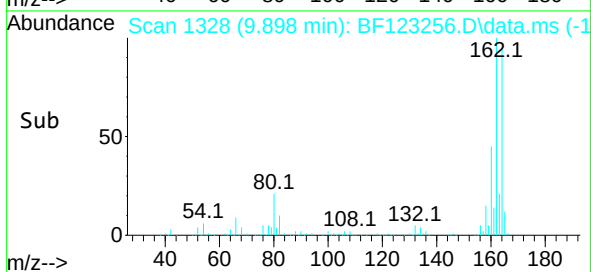
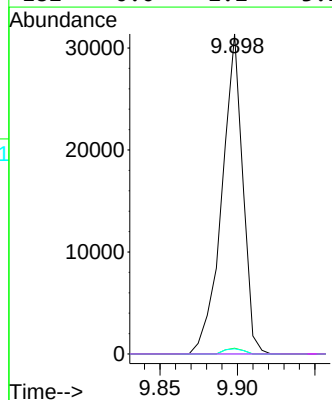
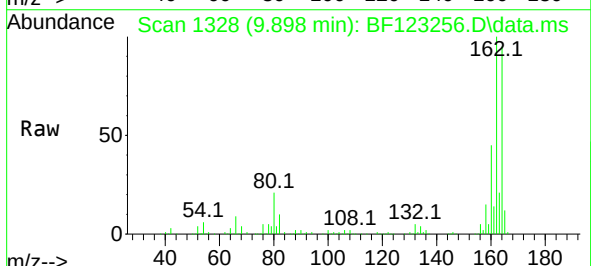
Instrument :
BNA_F
ClientSampled :
SP5483

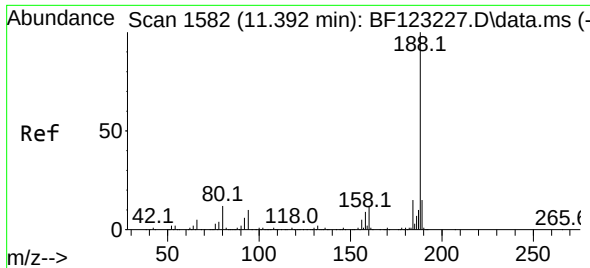
Tgt Ion:165 Resp: 29370
Ion Ratio Lower Upper
165 100
63 1.8 36.6 55.0#
89 1.6 39.4 59.0#



#57
2,4-Dinitrotoluene
Concen: 5.35 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

Tgt Ion:165 Resp: 29370
Ion Ratio Lower Upper
165 100
63 1.8 34.3 51.5#
89 1.6 55.2 82.8#
182 0.0 2.2 3.2#

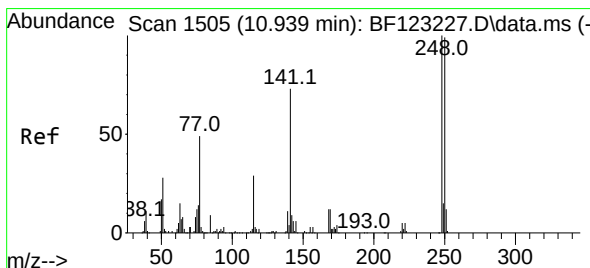
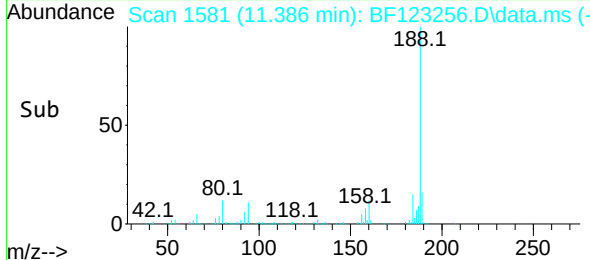
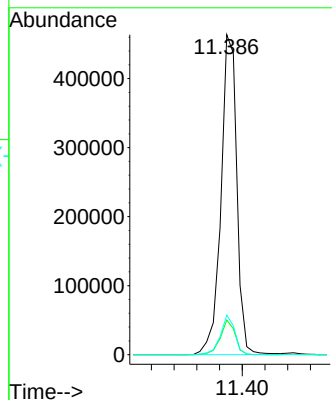
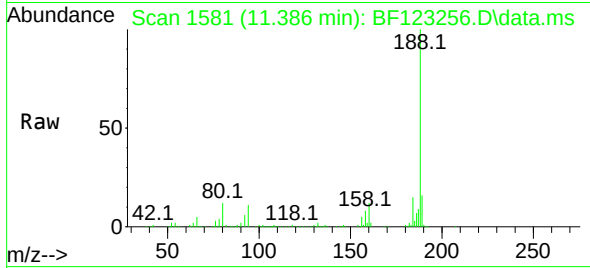




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

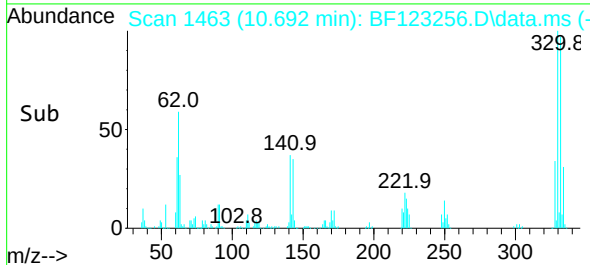
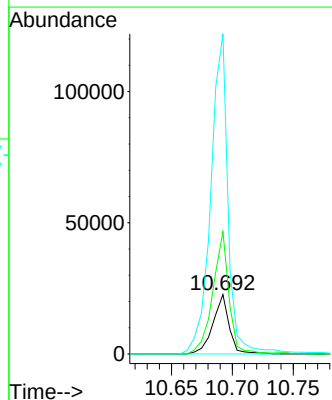
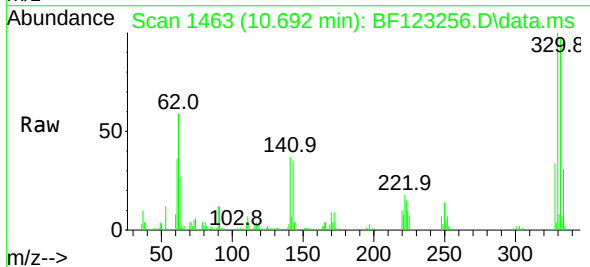
Instrument :
BNA_F
ClientSampleId :
SP5483

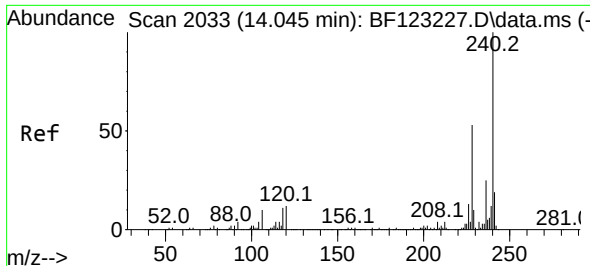
Tgt Ion:188	Resp: 450773
Ion Ratio	Lower Upper
188	100
94	10.8 7.4 11.2
80	12.3 8.2 12.4



#67
4-Bromophenyl-phenylether
Concen: 4.26 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

Tgt Ion:248	Resp: 20930
Ion Ratio	Lower Upper
248	100
250	206.1 76.8 115.2#
141	538.7 59.8 89.8#

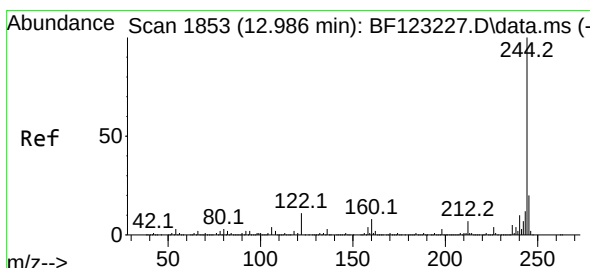
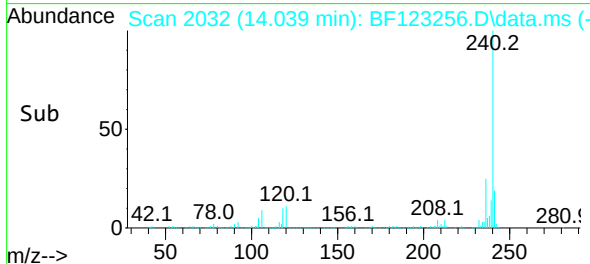
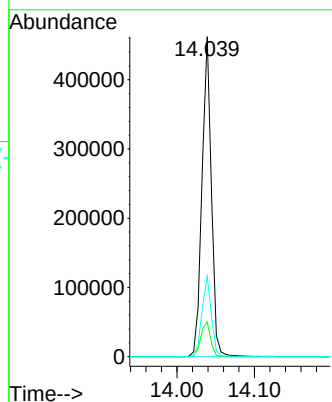
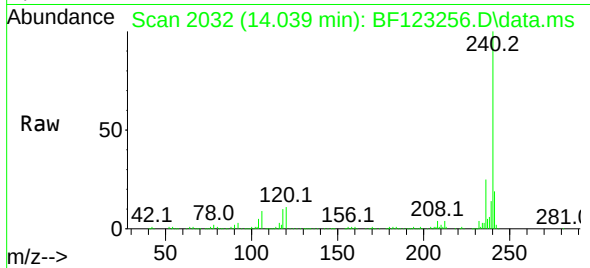




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

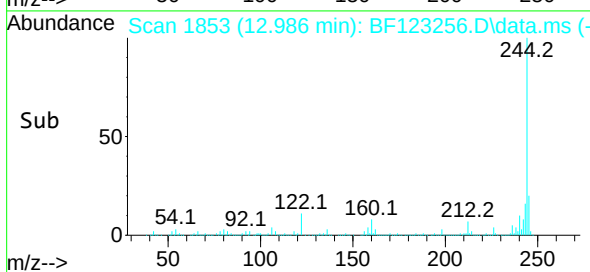
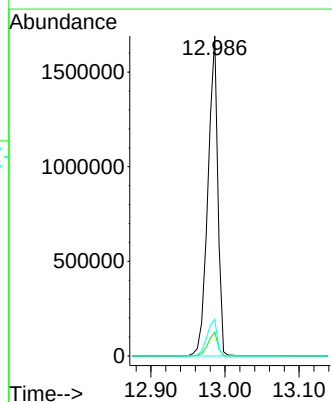
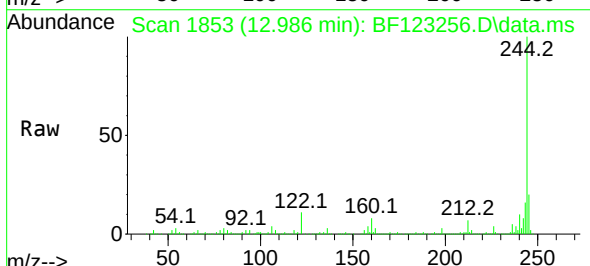
Instrument :
BNA_F
ClientSampleId :
SP5483

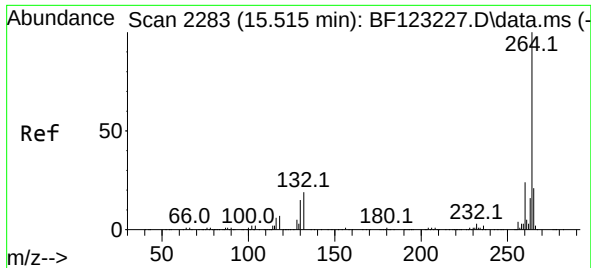
Tgt Ion:240 Resp: 388771
Ion Ratio Lower Upper
240 100
120 10.9 8.6 12.8
236 25.0 20.3 30.5



#79
Terphenyl-d14
Concen: 77.57 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BF123256.D
Acq: 22 Feb 2021 13:25

Tgt Ion:244 Resp: 1568314
Ion Ratio Lower Upper
244 100
212 7.4 5.7 8.5
122 11.5 8.3 12.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF123256.D
 Acq: 22 Feb 2021 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SP5483

Tgt Ion:264 Resp: 373998
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.4 17.0 25.6

