

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022823\
 Data File : BF132576.D
 Acq On : 28 Feb 2023 17:20
 Operator : CG\JU
 Sample : 01723-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-CON-6

Quant Time: Feb 28 18:05:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 23:17:30 2023
 Response via : Initial Calibration

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

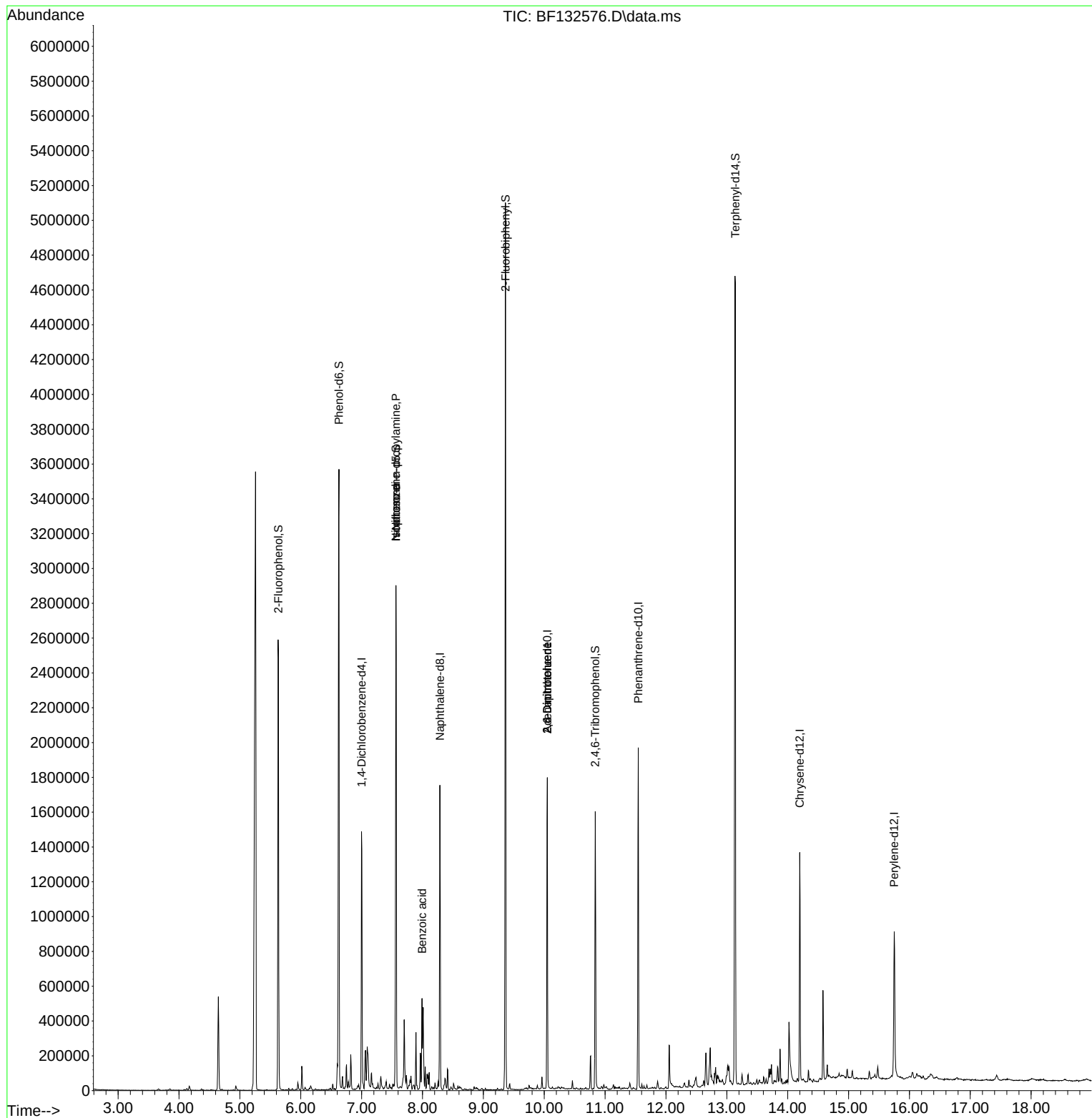
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.998	152	220793	20.000	ng	0.00
21) Naphthalene-d8	8.286	136	685360	20.000	ng	0.00
39) Acenaphthene-d10	10.051	164	355569	20.000	ng	0.00
64) Phenanthrene-d10	11.545	188	713872	20.000	ng	0.00
76) Chrysene-d12	14.198	240	439637	20.000	ng	# 0.00
86) Perylene-d12	15.751	264	408699	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	747628	54.955	ng	0.00
7) Phenol-d6	6.628	99	1348108	75.929	ng	0.00
23) Nitrobenzene-d5	7.563	82	1008695	69.827	ng	0.00
42) 2,4,6-Tribromophenol	10.839	330	174430	45.425	ng	0.00
45) 2-Fluorobiphenyl	9.363	172	1445359	61.895	ng	0.00
79) Terphenyl-d14	13.139	244	1808942	69.568	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.563	70	140168	12.828	ng	# 76
25) Isophorone	7.563	82	1007638	36.383	ng	# 67
32) Benzoic acid	7.992	122	281	3.867	ng	# 13
51) 2,6-Dinitrotoluene	10.051	165	46739	7.927	ng	# 22
57) 2,4-Dinitrotoluene	10.051	165	46739	5.959	ng	# 21

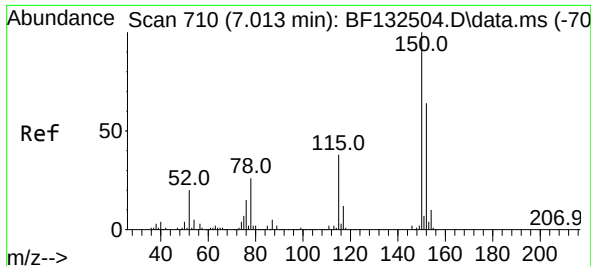
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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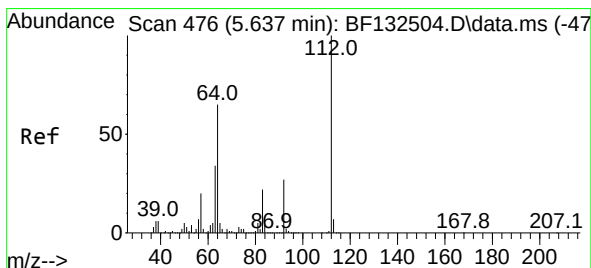
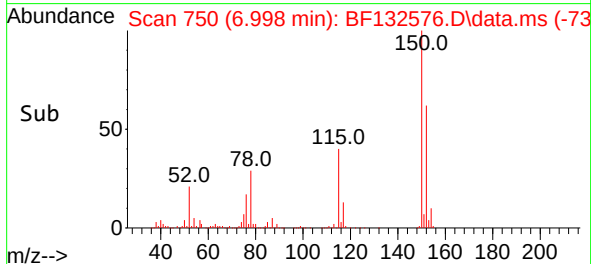
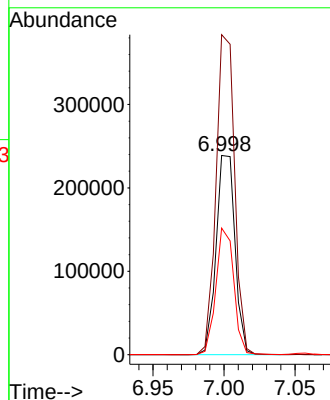
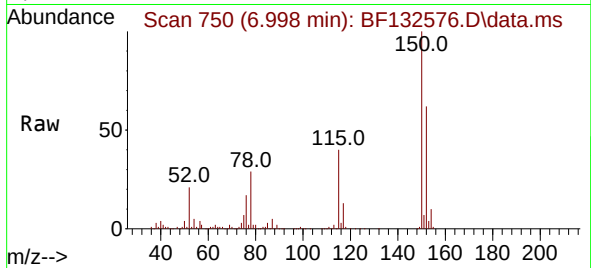




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.998 min Scan# 710
Delta R.T. -0.009 min
Lab File: BF132576.D
Acq: 28 Feb 2023 17:20

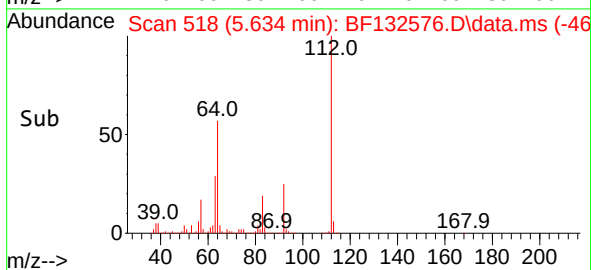
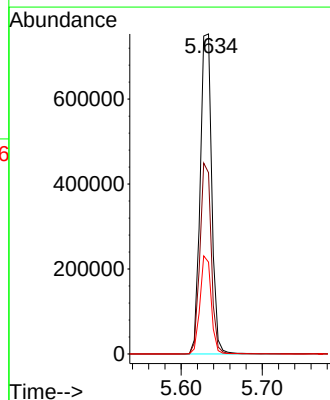
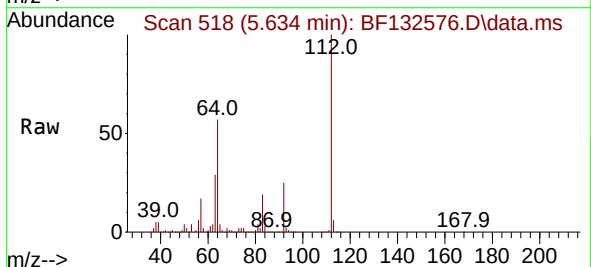
Instrument :
BNA_F
ClientSampleId :
HH-CON-6

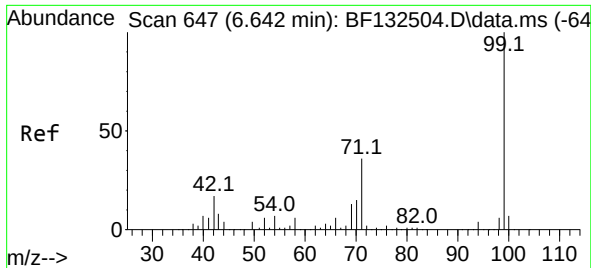
Tgt Ion:152 Resp: 220793
Ion Ratio Lower Upper
152 100
150 160.6 125.4 188.2
115 63.6 47.8 71.6



#5
2-Fluorophenol
Concen: 54.955 ng
RT: 5.634 min Scan# 518
Delta R.T. 0.003 min
Lab File: BF132576.D
Acq: 28 Feb 2023 17:20

Tgt Ion:112 Resp: 747628
Ion Ratio Lower Upper
112 100
64 56.7 51.6 77.4
63 28.7 27.4 41.2

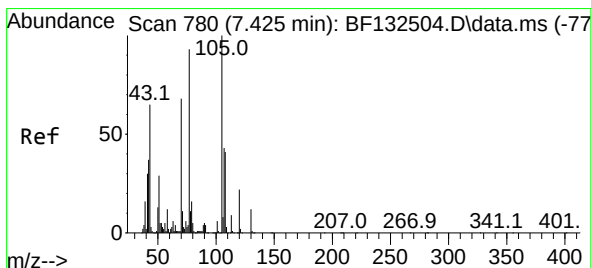
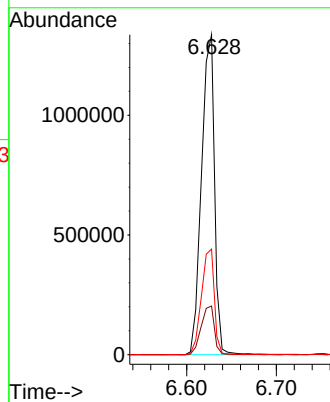
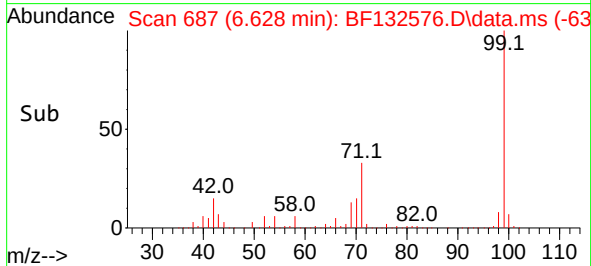
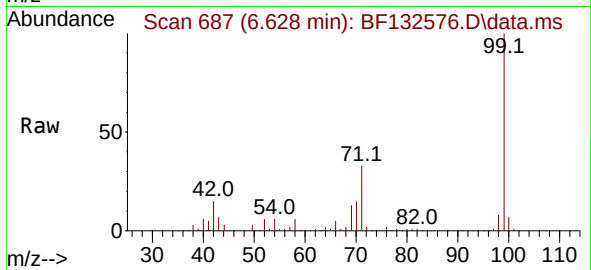




#7
Phenol-d6
Concen: 75.929 ng
RT: 6.628 min Scan# 61
Delta R.T. -0.009 min
Lab File: BF132576.D
Acq: 28 Feb 2023 17:20

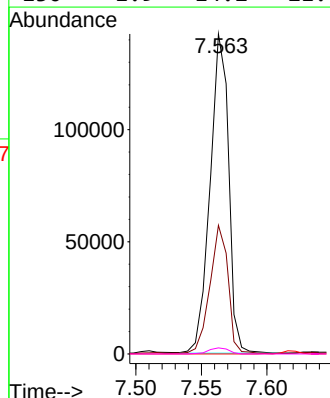
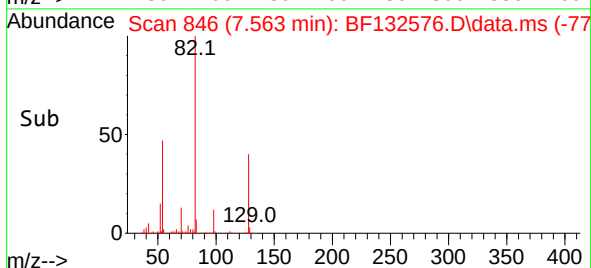
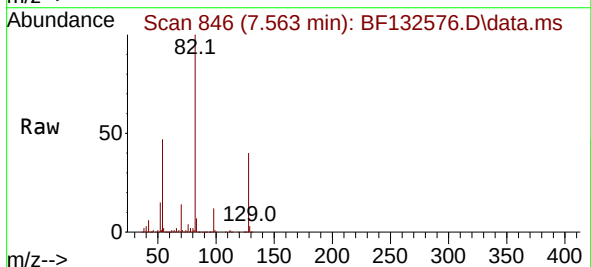
Instrument :
BNA_F
ClientSampleId :
HH-CON-6

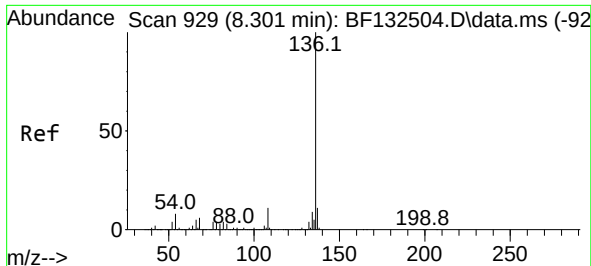
Tgt Ion: 99 Resp: 1348108
Ion Ratio Lower Upper
99 100
42 15.2 13.9 20.9
71 33.0 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.828 ng
RT: 7.563 min Scan# 846
Delta R.T. 0.144 min
Lab File: BF132576.D
Acq: 28 Feb 2023 17:20

Tgt Ion: 70 Resp: 140168
Ion Ratio Lower Upper
70 100
42 40.2 44.1 66.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



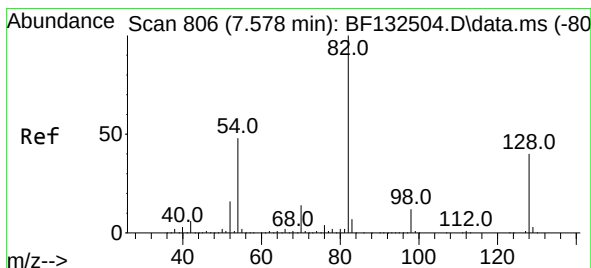
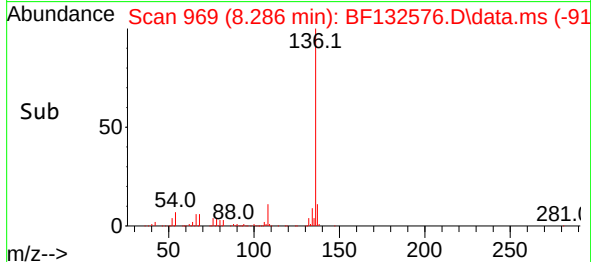
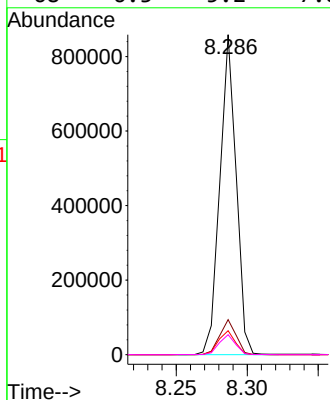
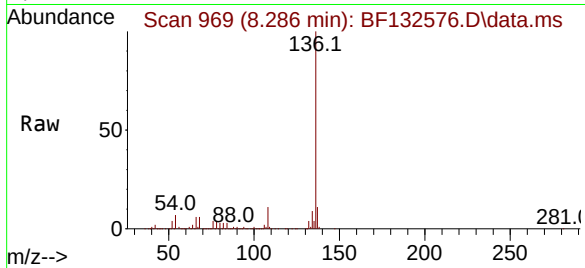


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.286 min Scan# 91
Delta R.T. -0.003 min
Lab File: BF132576.D
Acq: 28 Feb 2023 17:20

Instrument :
BNA_F
ClientSampleId :
HH-CON-6

Tgt Ion:136 Resp: 685360

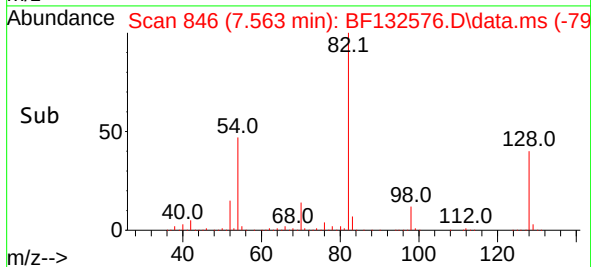
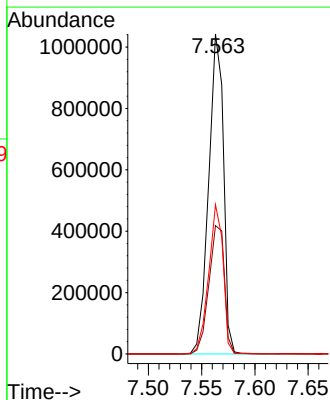
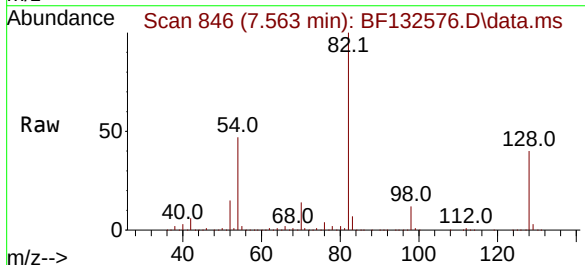
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	7.5	6.2	9.4
68	6.3	5.2	7.8

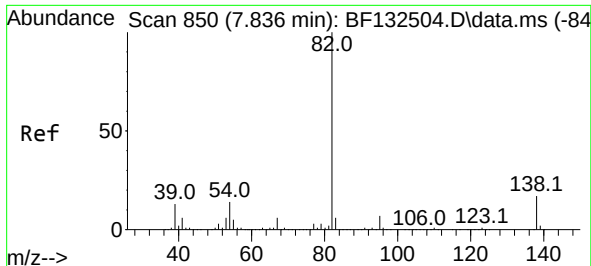


#23
Nitrobenzene-d5
Concen: 69.827 ng
RT: 7.563 min Scan# 846
Delta R.T. -0.009 min
Lab File: BF132576.D
Acq: 28 Feb 2023 17:20

Tgt Ion: 82 Resp: 1008695

Ion	Ratio	Lower	Upper
82	100		
128	40.1	32.2	48.2
54	46.7	38.4	57.6

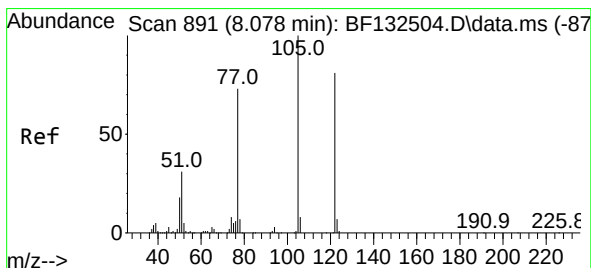
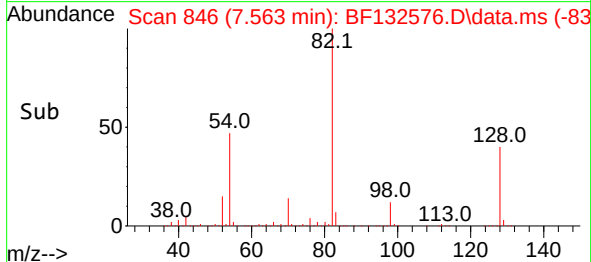
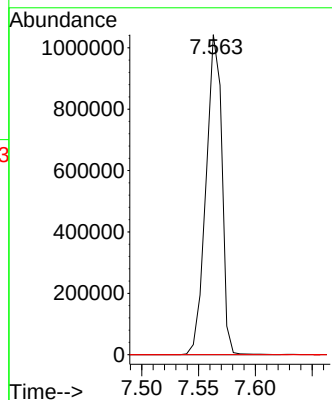
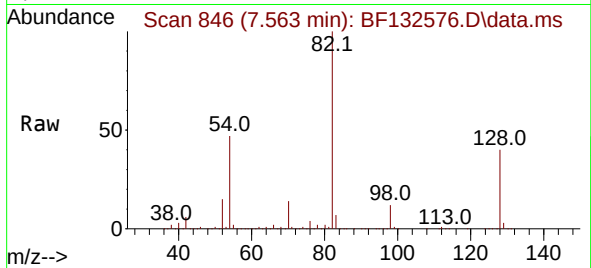




#25
Isophorone
Concen: 36.383 ng
RT: 7.563 min Scan# 84
Delta R.T. -0.262 min
Lab File: BF132576.D
Acq: 28 Feb 2023 17:20

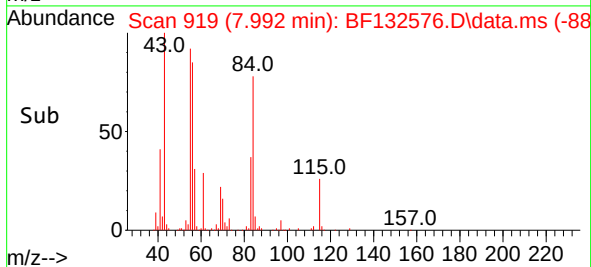
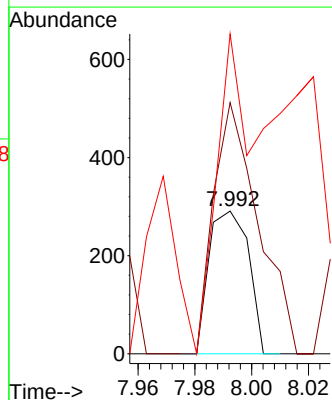
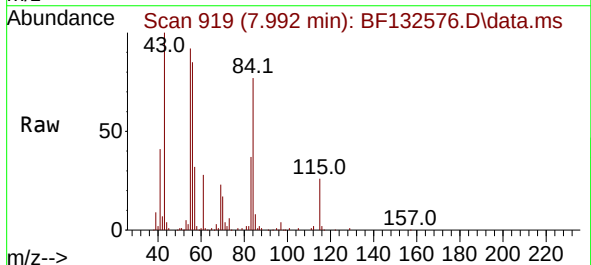
Instrument :
BNA_F
ClientSampleId :
HH-CON-6

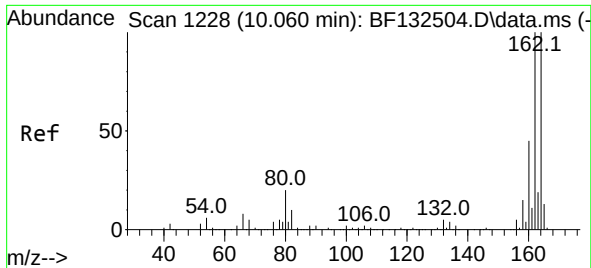
Tgt Ion: 82 Resp: 1007638
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.867 ng
RT: 7.992 min Scan# 919
Delta R.T. -0.073 min
Lab File: BF132576.D
Acq: 28 Feb 2023 17:20

Tgt Ion:122 Resp: 281
Ion Ratio Lower Upper
122 100
105 175.9 102.6 142.6#
77 224.1 70.2 110.2#

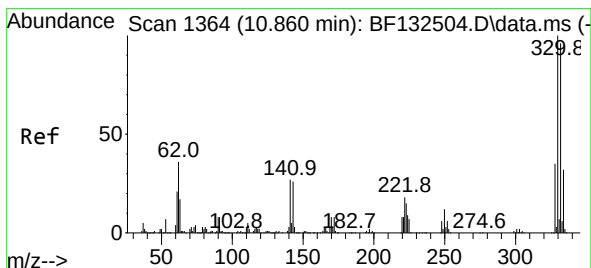
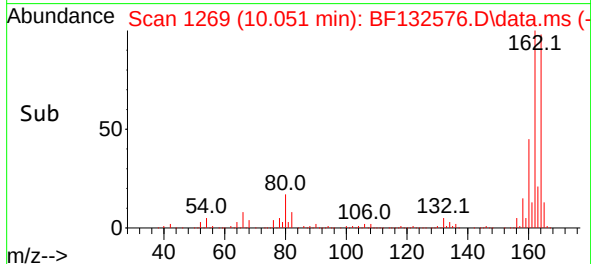
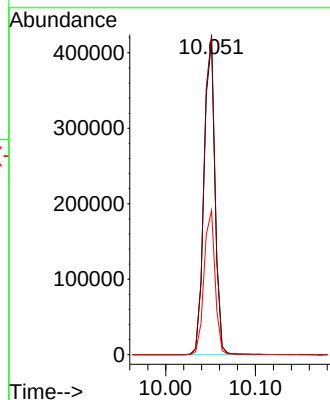
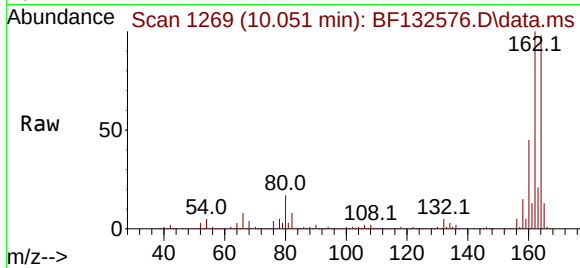




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.051 min Scan# 1403
Delta R.T. -0.003 min
Lab File: BF132576.D
Acq: 28 Feb 2023 17:20

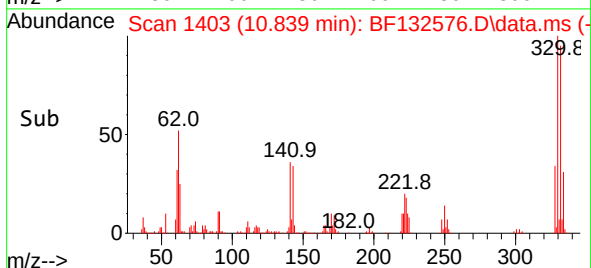
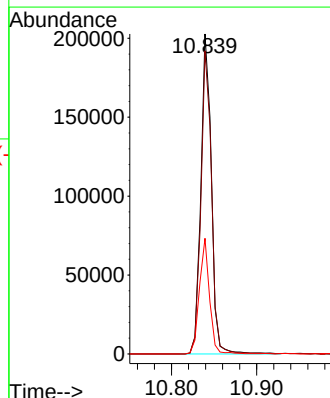
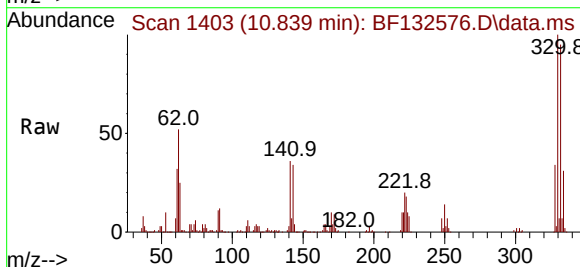
Instrument :
BNA_F
ClientSampleId :
HH-CON-6

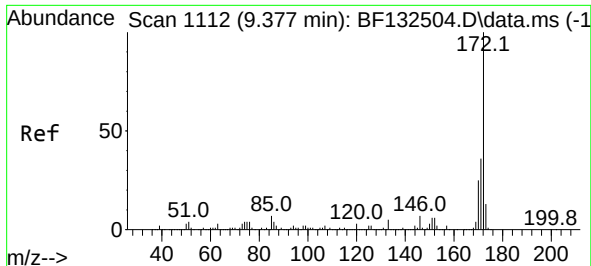
Tgt Ion:164 Resp: 355569
Ion Ratio Lower Upper
164 100
162 102.1 79.8 119.8
160 46.0 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 45.425 ng
RT: 10.839 min Scan# 1403
Delta R.T. -0.009 min
Lab File: BF132576.D
Acq: 28 Feb 2023 17:20

Tgt Ion:330 Resp: 174430
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 34.7 28.4 42.6

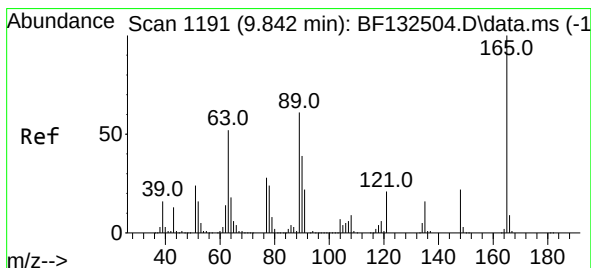
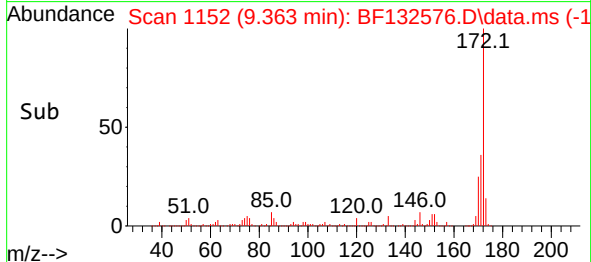
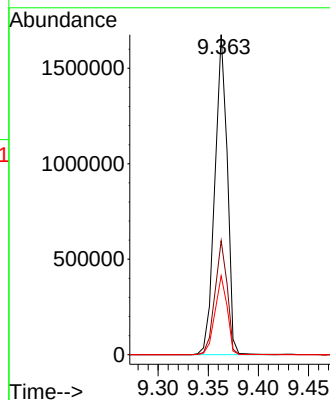
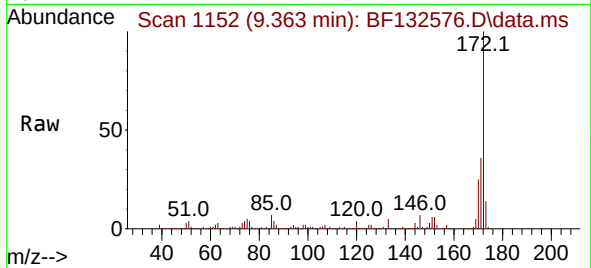




#45
2-Fluorobiphenyl
Concen: 61.895 ng
RT: 9.363 min Scan# 1112
Delta R.T. -0.009 min
Lab File: BF132576.D
Acq: 28 Feb 2023 17:20

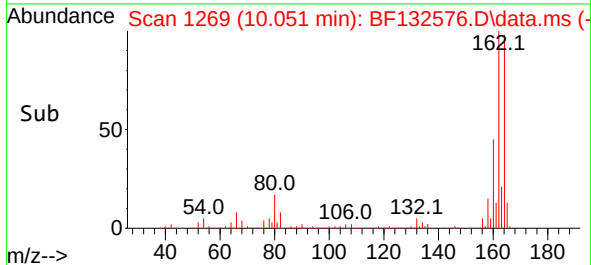
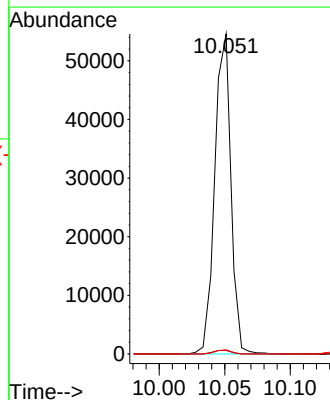
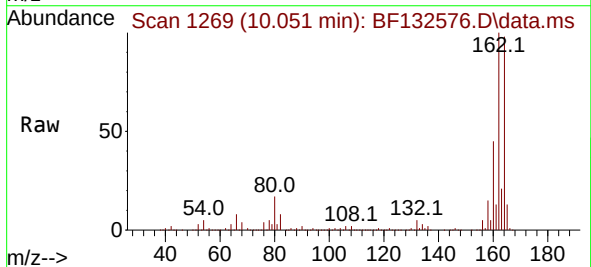
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BNA_F
ClientSampleId :
HH-CON-6

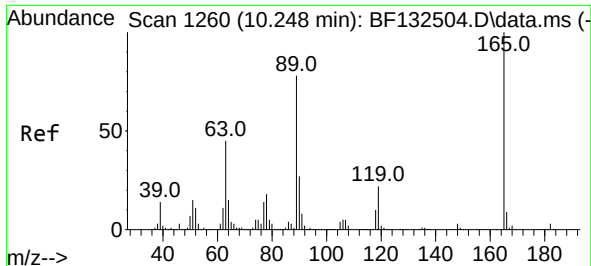
Tgt Ion:172 Resp: 1445359
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.7 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.927 ng
RT: 10.051 min Scan# 1269
Delta R.T. 0.215 min
Lab File: BF132576.D
Acq: 28 Feb 2023 17:20

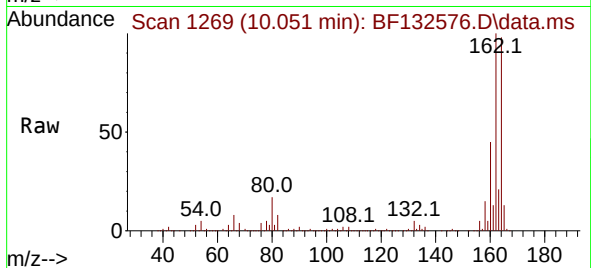
Tgt Ion:165 Resp: 46739
Ion Ratio Lower Upper
165 100
63 1.1 47.3 70.9#
89 1.3 48.9 73.3#



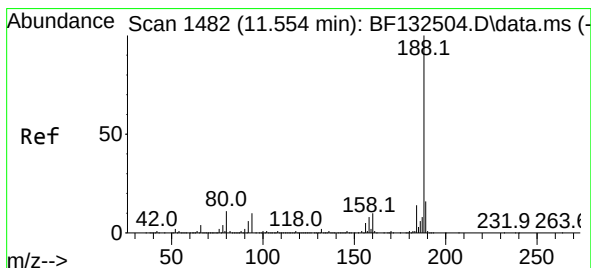
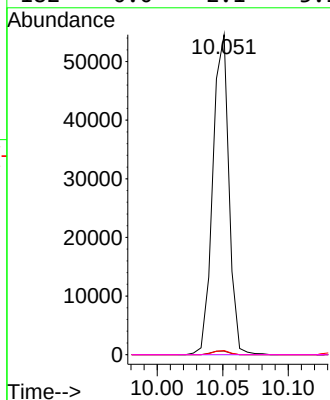
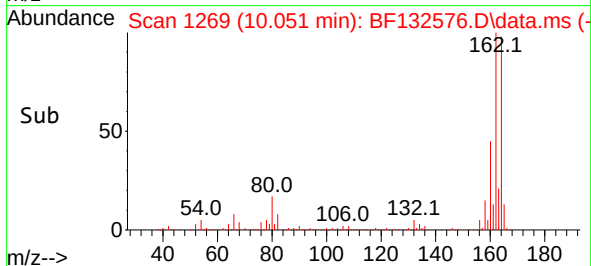


#57
2,4-Dinitrotoluene
Concen: 5.959 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.191 min
Lab File: BF132576.D
Acq: 28 Feb 2023 17:20

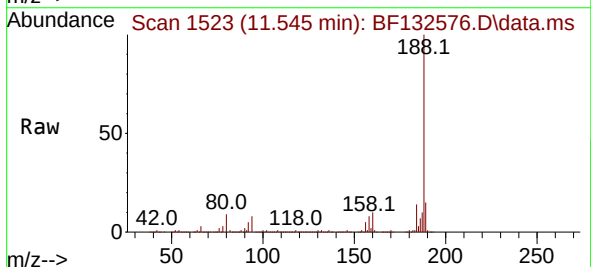
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BNA_F
ClientSampleId :
HH-CON-6



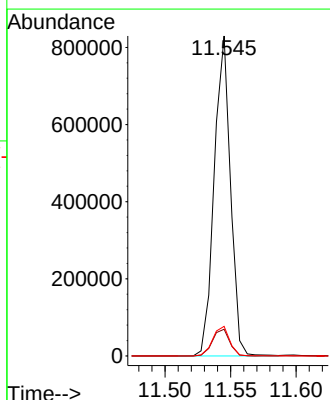
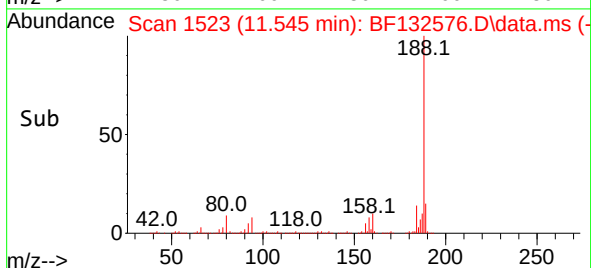
Tgt Ion:165 Resp: 46739
Ion Ratio Lower Upper
165 100
63 1.1 36.5 54.7#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#

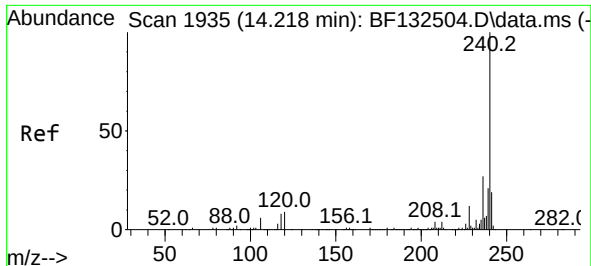


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.545 min Scan# 1523
Delta R.T. -0.003 min
Lab File: BF132576.D
Acq: 28 Feb 2023 17:20



Tgt Ion:188 Resp: 713872
Ion Ratio Lower Upper
188 100
94 8.4 8.3 12.5
80 9.3 8.7 13.1

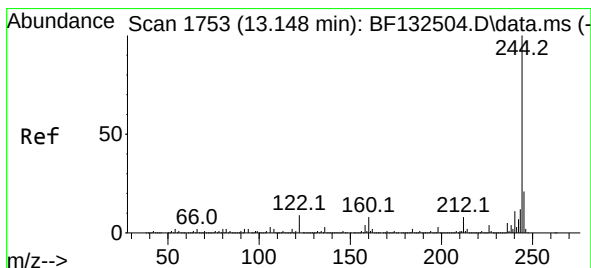
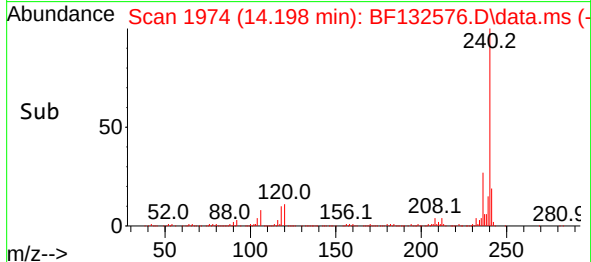
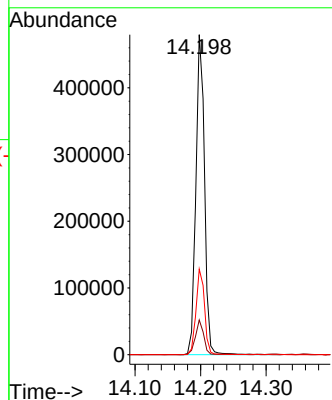
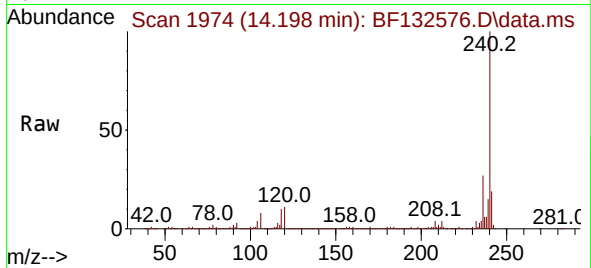




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.198 min Scan# 1794
Delta R.T. -0.009 min
Lab File: BF132576.D
Acq: 28 Feb 2023 17:20

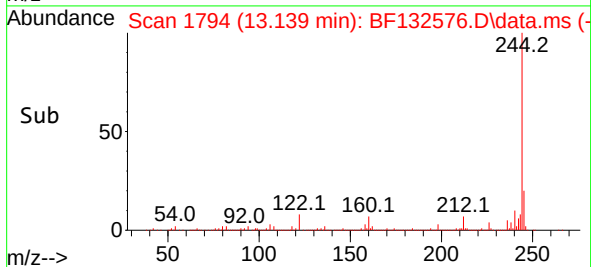
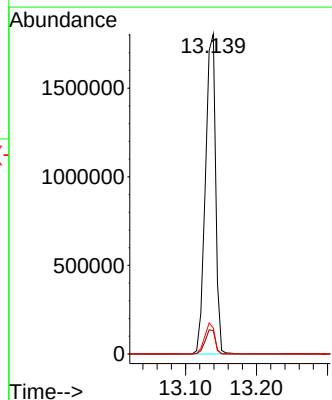
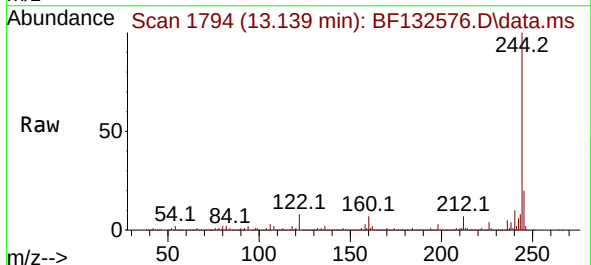
Instrument :
BNA_F
ClientSampleId :
HH-CON-6

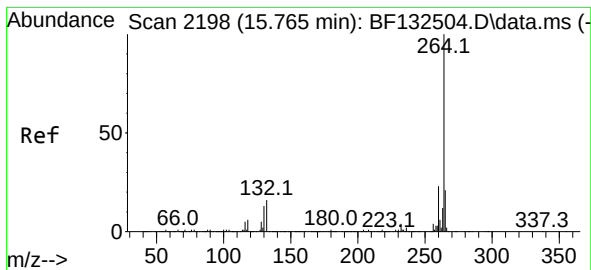
Tgt Ion:240 Resp: 439637
Ion Ratio Lower Upper
240 100
120 10.9 7.2 10.8#
236 26.7 21.8 32.6



#79
Terphenyl-d14
Concen: 69.568 ng
RT: 13.139 min Scan# 1794
Delta R.T. -0.003 min
Lab File: BF132576.D
Acq: 28 Feb 2023 17:20

Tgt Ion:244 Resp: 1808942
Ion Ratio Lower Upper
244 100
212 7.3 6.5 9.7
122 8.1 7.5 11.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.751 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BF132576.D
 Acq: 28 Feb 2023 17:20

Instrument :
 BNA_F
 ClientSampleId :
 HH-CON-6

Tgt Ion:264 Resp: 408699
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.8 28.2
 265 22.9 17.1 25.7

