

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030923\
 Data File : BF132714.D
 Acq On : 09 Mar 2023 12:57
 Operator : CG\JU
 Sample : 01829-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

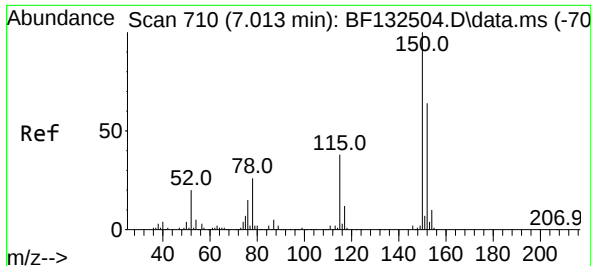
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 09 13:49:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 11:52:47 2023
 Response via : Initial Calibration

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

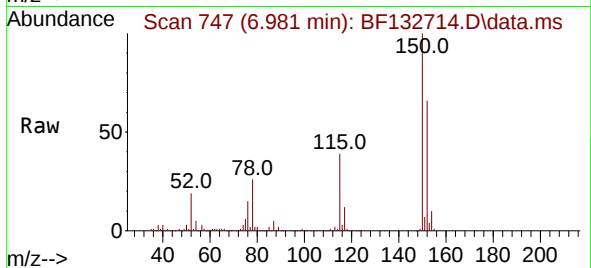
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.981	152	186679	20.000	ng	0.00
21) Naphthalene-d8	8.263	136	685431	20.000	ng	0.00
39) Acenaphthene-d10	10.028	164	351147	20.000	ng	0.00
64) Phenanthrene-d10	11.522	188	554858	20.000	ng	0.00
76) Chrysene-d12	14.180	240	406223	20.000	ng	0.00
86) Perylene-d12	15.721	264	378817	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	926622	80.560	ng	0.00
7) Phenol-d6	6.610	99	1181595	78.712	ng	-0.01
23) Nitrobenzene-d5	7.540	82	755786	52.314	ng	-0.02
42) 2,4,6-Tribromophenol	10.822	330	257055	67.784	ng	0.00
45) 2-Fluorobiphenyl	9.339	172	1295484	56.175	ng	0.00
79) Terphenyl-d14	13.110	244	1175451	48.924	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.540	70	98837	10.698	ng	# 79
25) Isophorone	7.540	82	755777	27.286	ng	# 67
32) Benzoic acid	8.045	122	305	3.869	ng	# 48
51) 2,6-Dinitrotoluene	10.022	165	44557	7.652	ng	# 22
57) 2,4-Dinitrotoluene	10.022	165	44557	5.752	ng	# 21
63) Azobenzene	10.733	77	136617	5.166	ng	# 1
67) 4-Bromophenyl-phenylether	10.816	248	16970	2.704	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.139	149	40348	2.254	ng	# 97

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

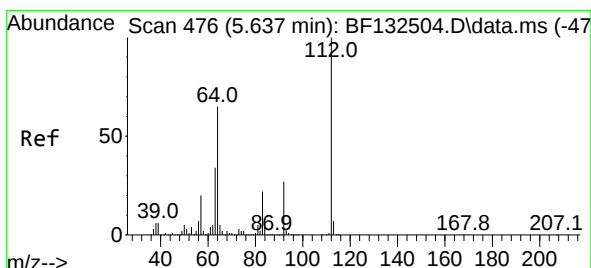
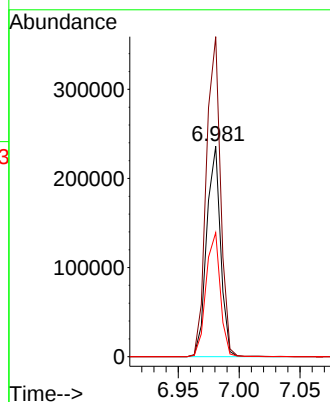
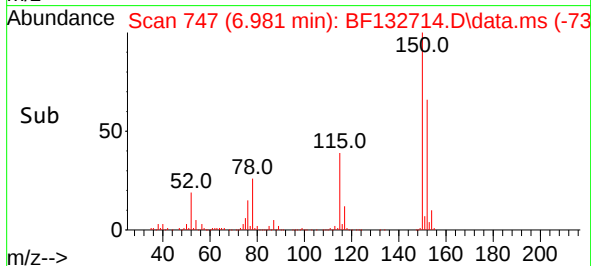


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.981 min Scan# 710
Delta R.T. -0.000 min
Lab File: BF132714.D
Acq: 09 Mar 2023 12:57

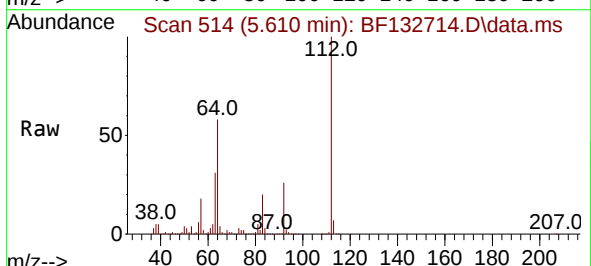
Instrument :
BNA_F
ClientSampleId :



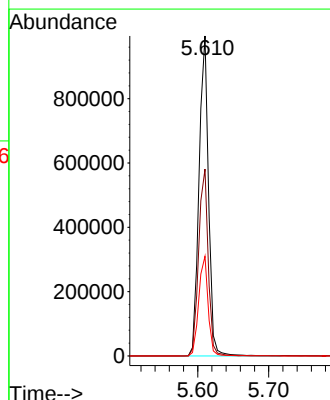
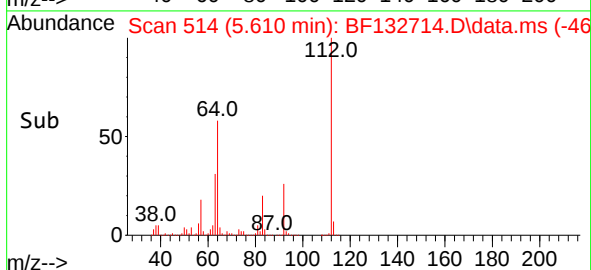
Tgt Ion:152 Resp: 186679
Ion Ratio Lower Upper
152 100
150 152.1 125.4 188.2
115 58.9 47.8 71.6

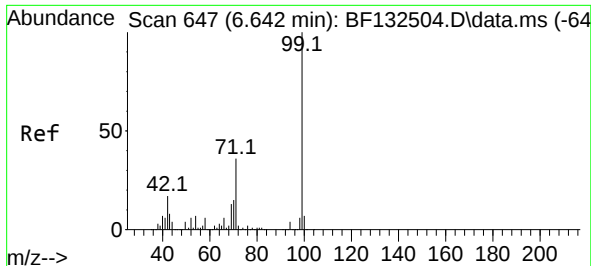


#5
2-Fluorophenol
Concen: 80.560 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.000 min
Lab File: BF132714.D
Acq: 09 Mar 2023 12:57



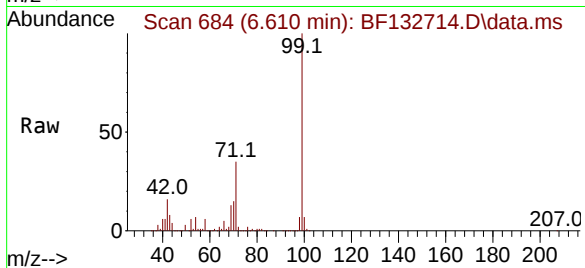
Tgt Ion:112 Resp: 926622
Ion Ratio Lower Upper
112 100
64 58.4 51.6 77.4
63 31.1 27.4 41.2



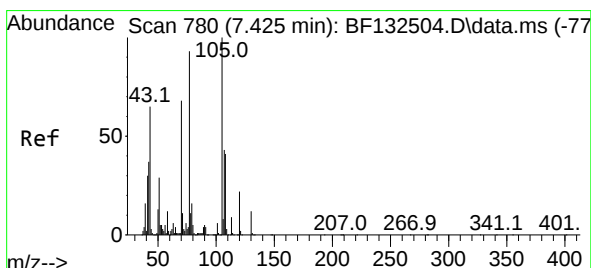
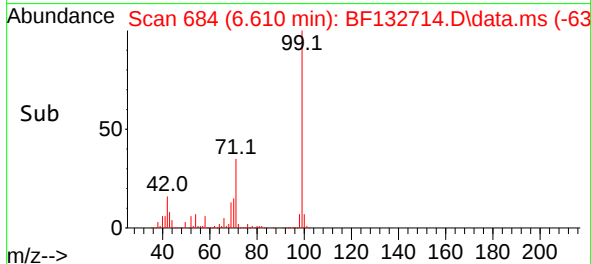
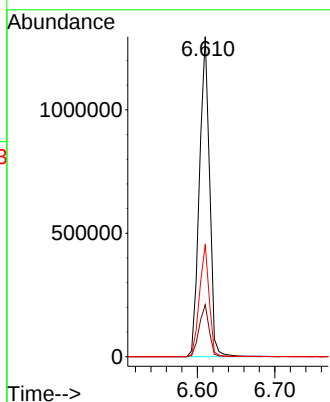


#7
Phenol-d6
Concen: 78.712 ng
RT: 6.610 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF132714.D
Acq: 09 Mar 2023 12:57

Instrument :
BNA_F
ClientSampleId :

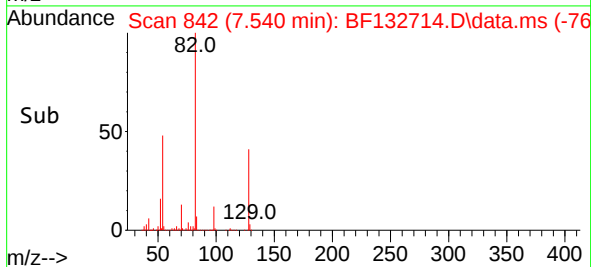
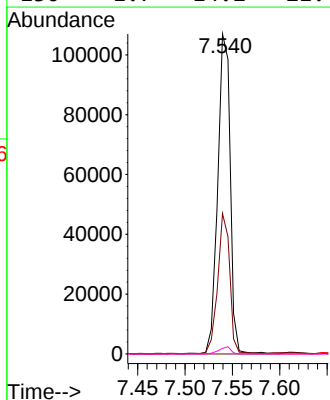
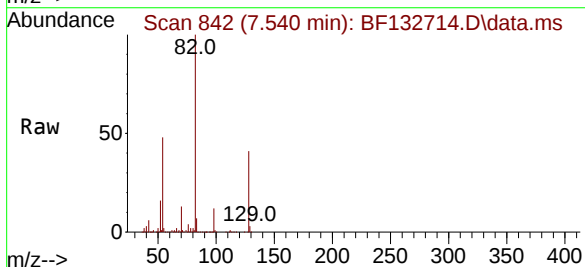


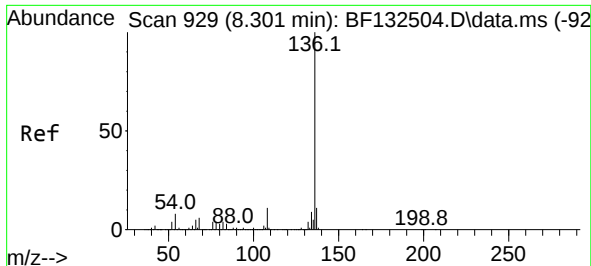
Tgt Ion: 99 Resp: 1181595
Ion Ratio Lower Upper
99 100
42 16.2 13.9 20.9
71 35.1 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.698 ng
RT: 7.540 min Scan# 842
Delta R.T. 0.141 min
Lab File: BF132714.D
Acq: 09 Mar 2023 12:57

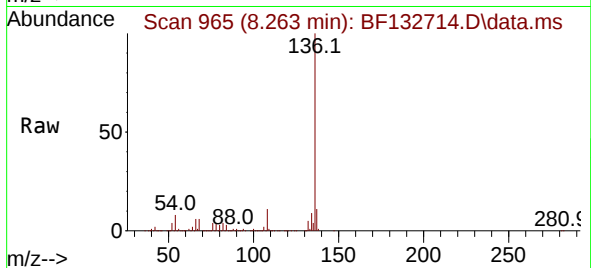
Tgt Ion: 70 Resp: 98837
Ion Ratio Lower Upper
70 100
42 43.9 44.1 66.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.4#



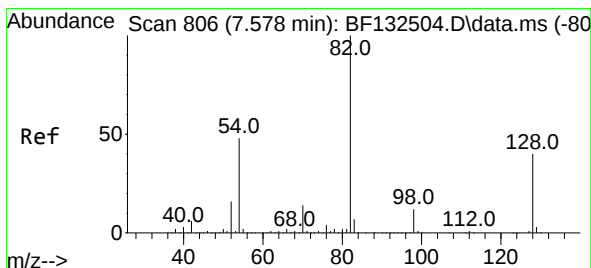
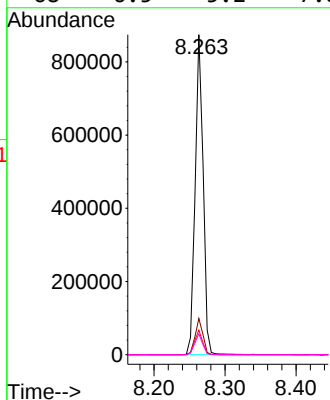
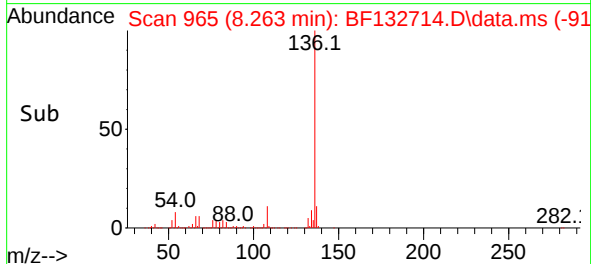


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.263 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF132714.D
Acq: 09 Mar 2023 12:57

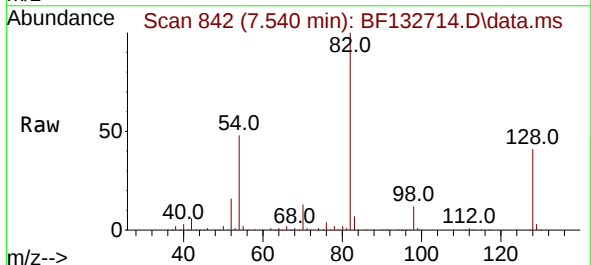
Instrument :
BNA_F
ClientSampleId :



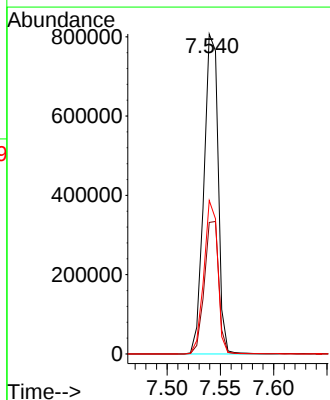
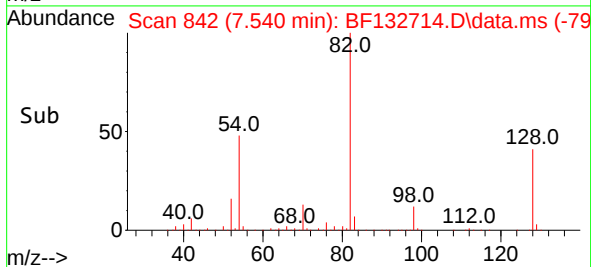
Tgt Ion:136 Resp: 685431
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.7 6.2 9.4
68 6.5 5.2 7.8

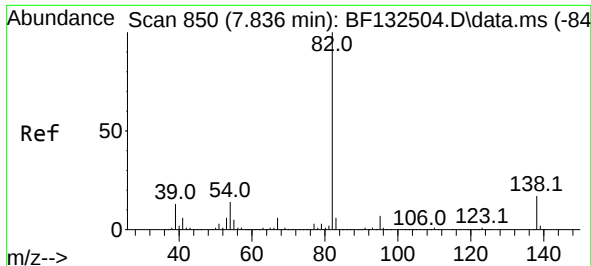


#23
Nitrobenzene-d5
Concen: 52.314 ng
RT: 7.540 min Scan# 842
Delta R.T. -0.017 min
Lab File: BF132714.D
Acq: 09 Mar 2023 12:57



Tgt Ion: 82 Resp: 755786
Ion Ratio Lower Upper
82 100
128 41.1 32.2 48.2
54 48.0 38.4 57.6

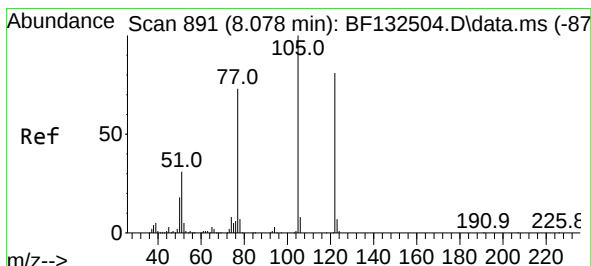
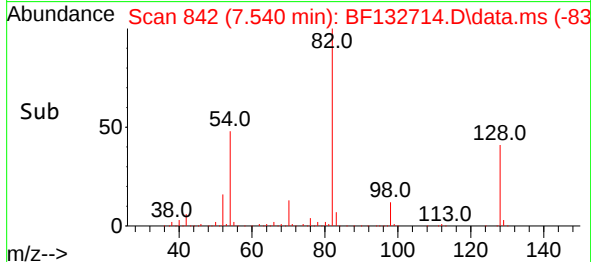
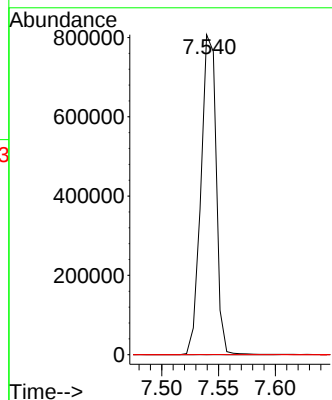
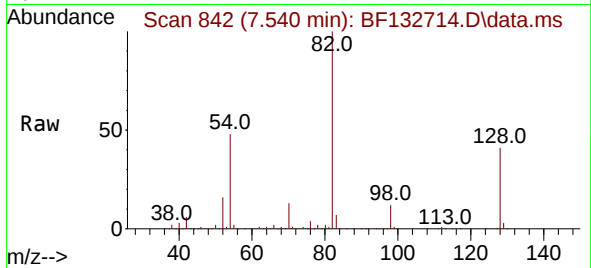




#25
Isophorone
Concen: 27.286 ng
RT: 7.540 min Scan# 84
Delta R.T. -0.270 min
Lab File: BF132714.D
Acq: 09 Mar 2023 12:57

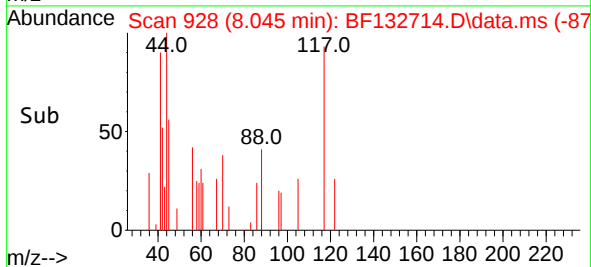
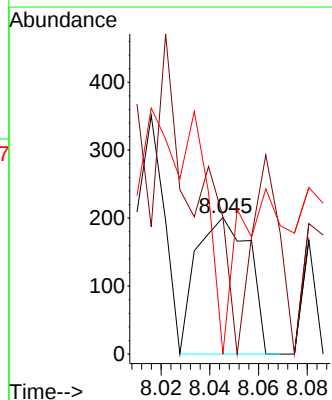
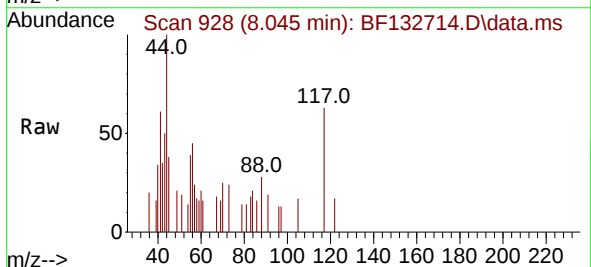
Instrument :
BNA_F
ClientSampleId :

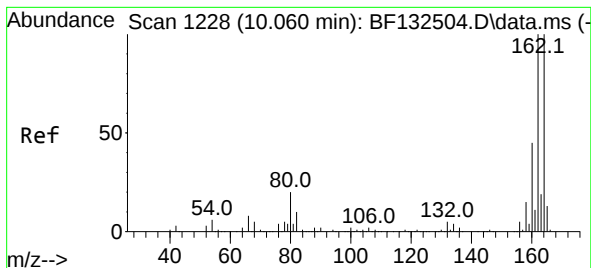
Tgt Ion: 82 Resp: 755777
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.869 ng
RT: 8.045 min Scan# 928
Delta R.T. -0.006 min
Lab File: BF132714.D
Acq: 09 Mar 2023 12:57

Tgt Ion: 122 Resp: 305
Ion Ratio Lower Upper
122 100
105 100.5 102.6 142.6#
77 0.0 70.2 110.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.028 min Scan# 1

Delta R.T. -0.006 min

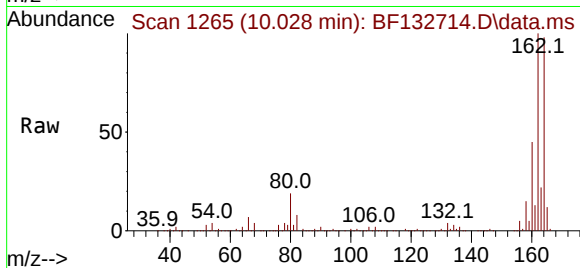
Lab File: BF132714.D

Acq: 09 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :



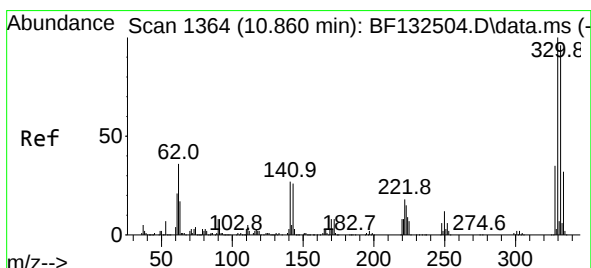
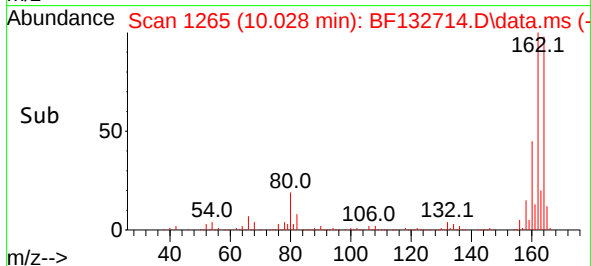
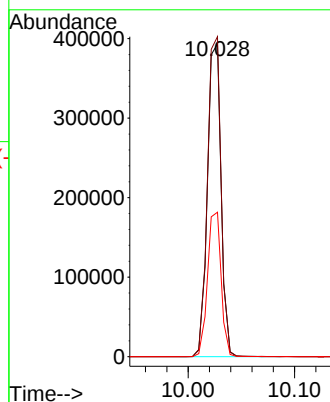
Tgt Ion:164 Resp: 351147

Ion Ratio Lower Upper

164 100

162 102.3 79.8 119.8

160 46.2 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 67.784 ng

RT: 10.822 min Scan# 1400

Delta R.T. -0.006 min

Lab File: BF132714.D

Acq: 09 Mar 2023 12:57

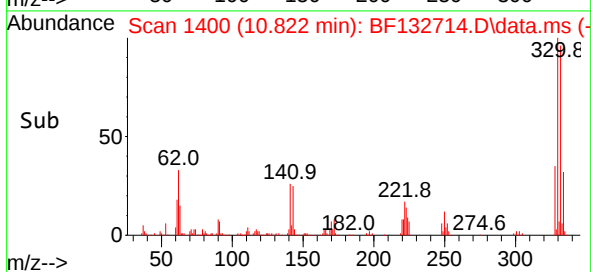
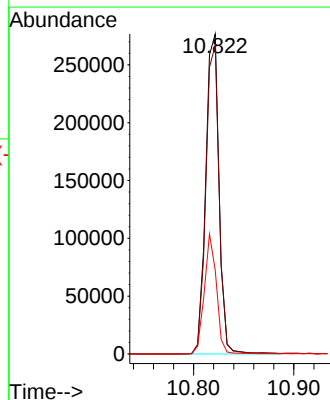
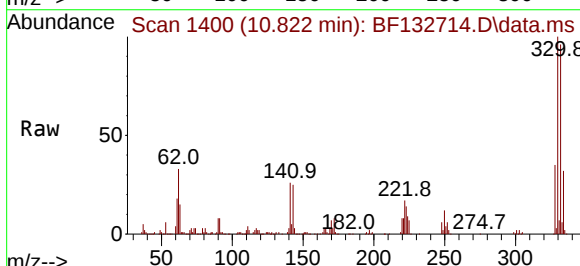
Tgt Ion:330 Resp: 257055

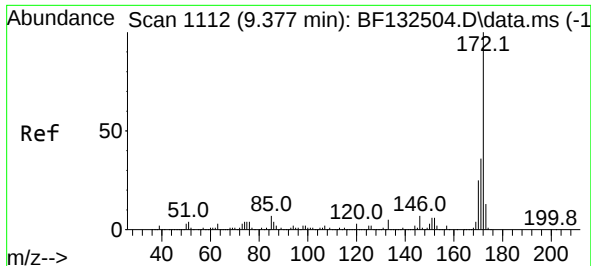
Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

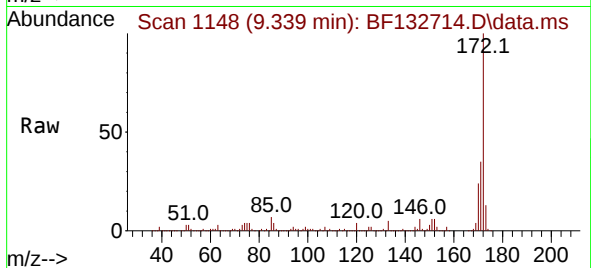
141 34.2 28.4 42.6



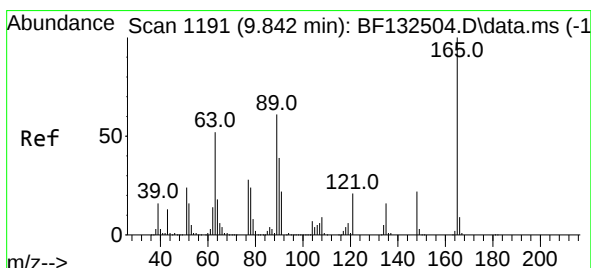
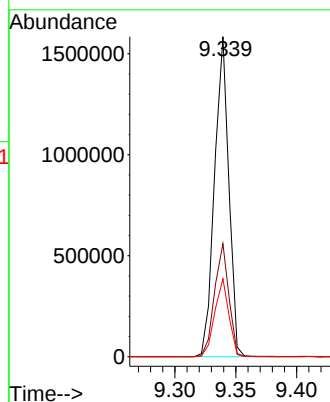
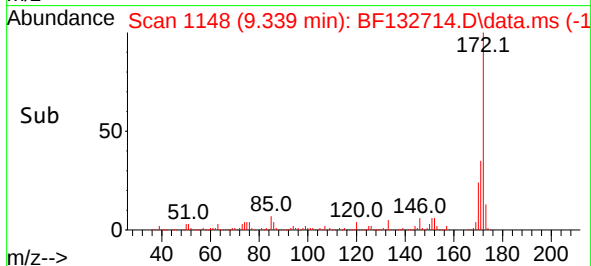


#45
2-Fluorobiphenyl
Concen: 56.175 ng
RT: 9.339 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF132714.D
Acq: 09 Mar 2023 12:57

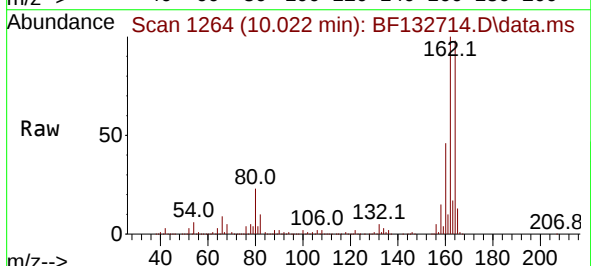
Instrument :
BNA_F
ClientSampleId :



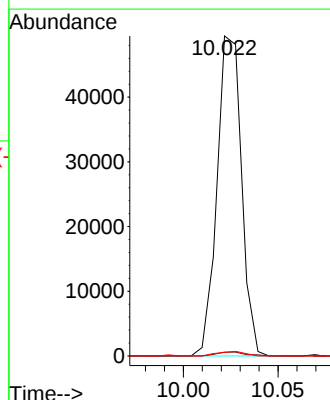
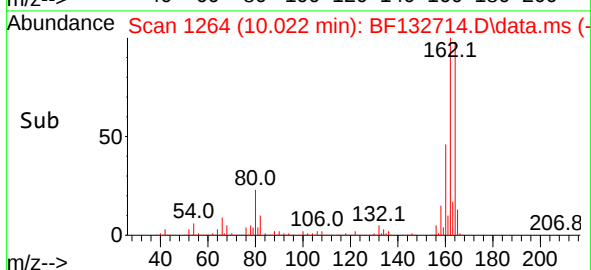
Tgt Ion:172 Resp: 1295484
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 24.4 19.7 29.5

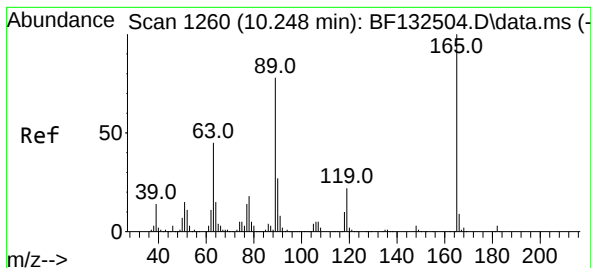


#51
2,6-Dinitrotoluene
Concen: 7.652 ng
RT: 10.022 min Scan# 1264
Delta R.T. 0.206 min
Lab File: BF132714.D
Acq: 09 Mar 2023 12:57



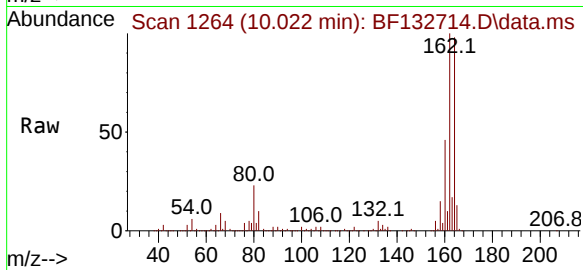
Tgt Ion:165 Resp: 44557
Ion Ratio Lower Upper
165 100
63 1.2 47.3 70.9#
89 1.1 48.9 73.3#



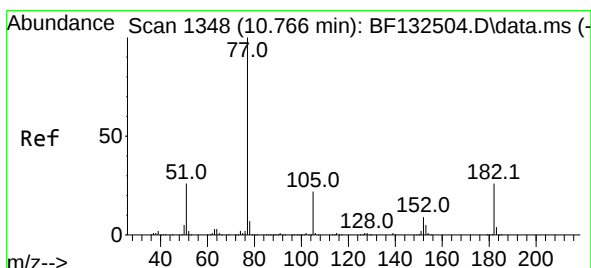
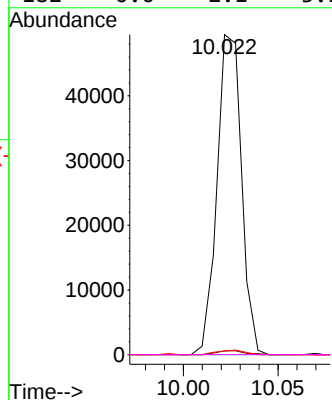
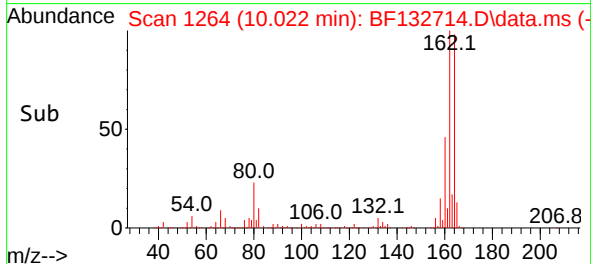


#57
2,4-Dinitrotoluene
Concen: 5.752 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF132714.D
Acq: 09 Mar 2023 12:57

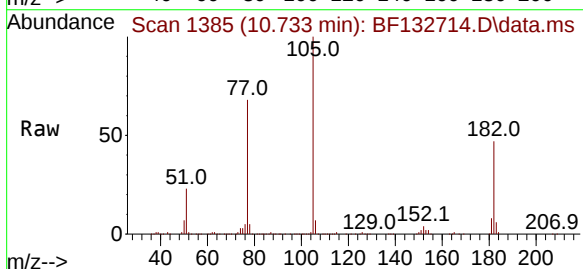
Instrument :
BNA_F
ClientSampleId :



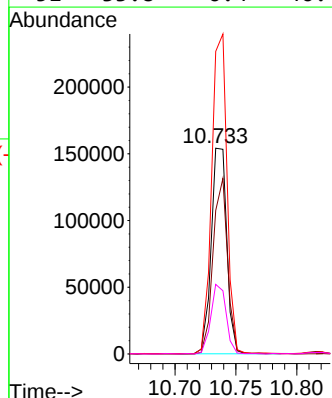
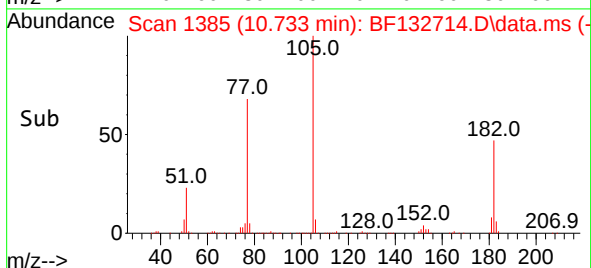
Tgt Ion:165 Resp: 44557
Ion Ratio Lower Upper
165 100
63 1.2 36.5 54.7#
89 1.1 62.4 93.6#
182 0.0 2.1 3.1#

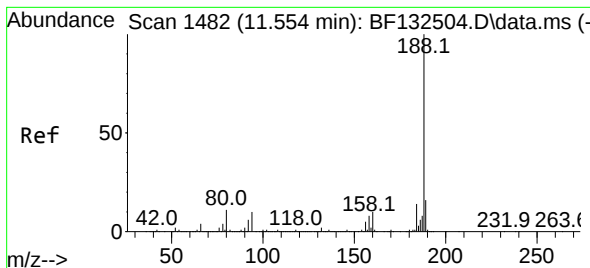


#63
Azobenzene
Concen: 5.166 ng
RT: 10.733 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF132714.D
Acq: 09 Mar 2023 12:57



Tgt Ion: 77 Resp: 136617
Ion Ratio Lower Upper
77 100
182 69.8 5.5 45.5#
105 147.1 1.8 41.8#
51 33.8 6.4 46.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.522 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF132714.D

Acq: 09 Mar 2023 12:57

Instrument :

BNA_F

ClientSampleId :

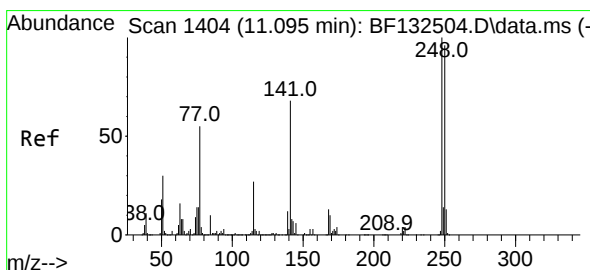
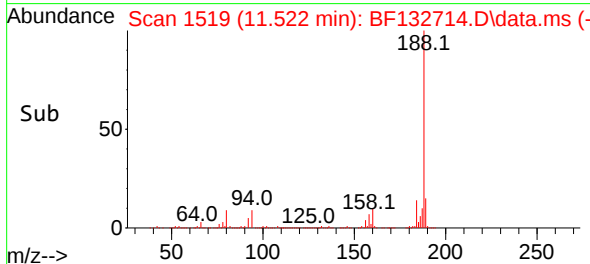
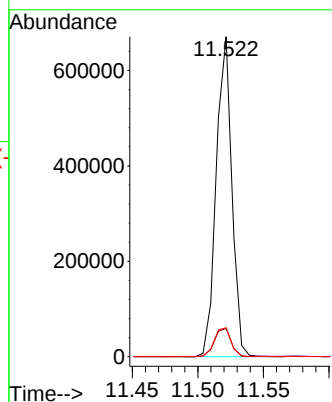
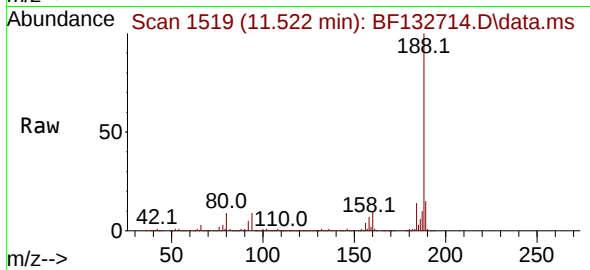
Tgt Ion:188 Resp: 554858

Ion Ratio Lower Upper

188 100

94 8.8 8.3 12.5

80 9.0 8.7 13.1



#67

4-Bromophenyl-phenylether

Concen: 2.704 ng

RT: 10.816 min Scan# 1399

Delta R.T. -0.247 min

Lab File: BF132714.D

Acq: 09 Mar 2023 12:57

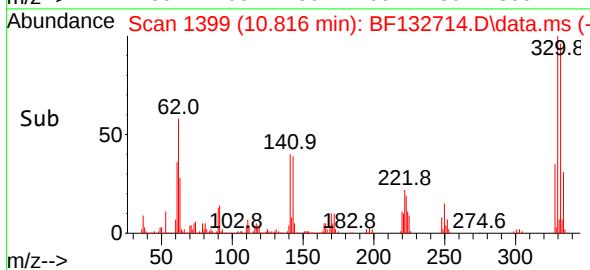
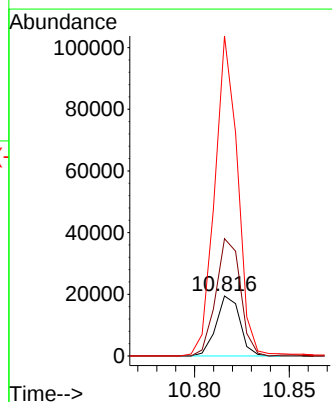
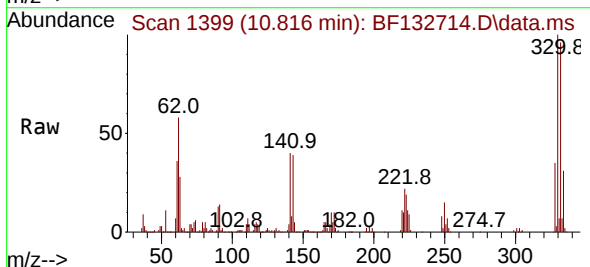
Tgt Ion:248 Resp: 16970

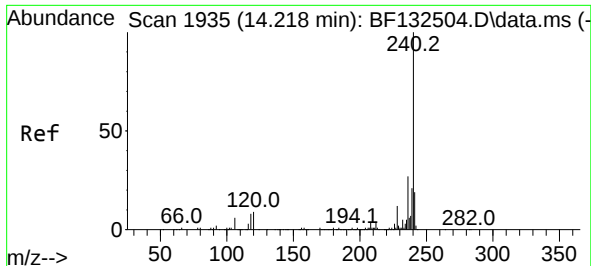
Ion Ratio Lower Upper

248 100

250 195.4 77.0 115.4#

141 533.1 54.2 81.2#

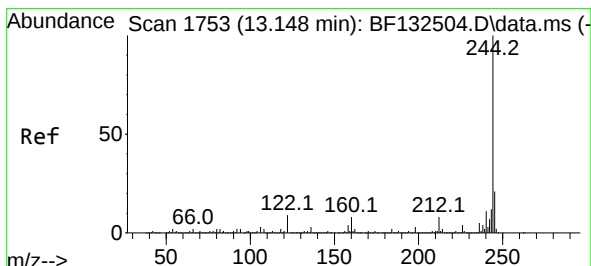
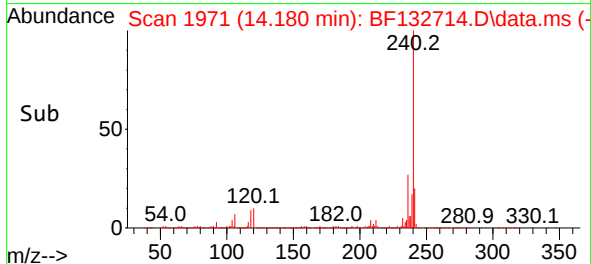
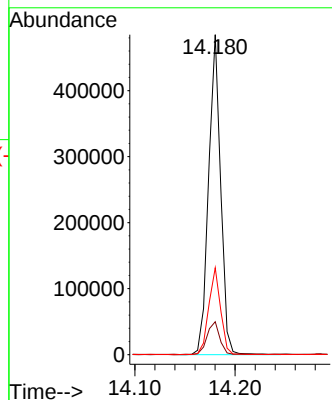
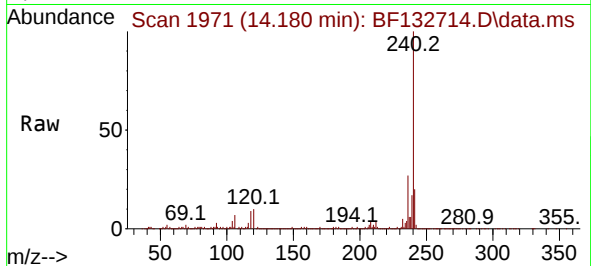




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.180 min Scan# 1935
Delta R.T. -0.006 min
Lab File: BF132714.D
Acq: 09 Mar 2023 12:57

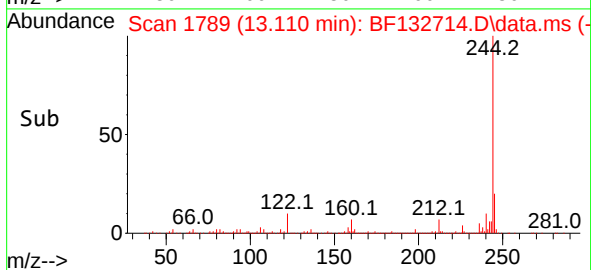
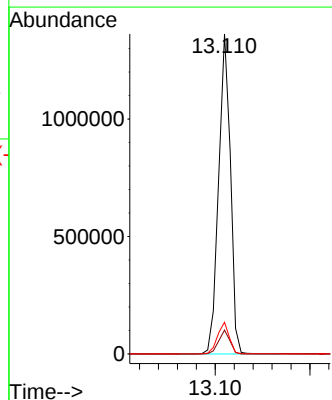
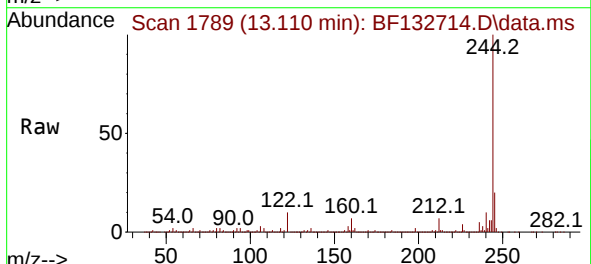
Instrument :
BNA_F
ClientSampleId :

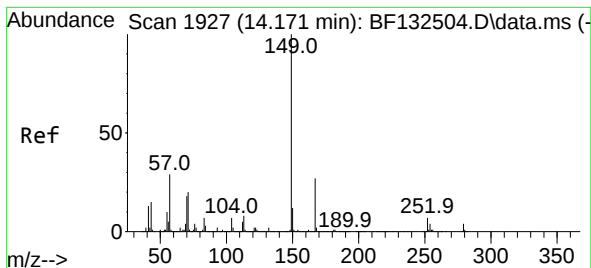
Tgt Ion:240 Resp: 406223
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 27.2 21.8 32.6



#79
Terphenyl-d14
Concen: 48.924 ng
RT: 13.110 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF132714.D
Acq: 09 Mar 2023 12:57

Tgt Ion:244 Resp: 1175451
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 9.9 7.5 11.3

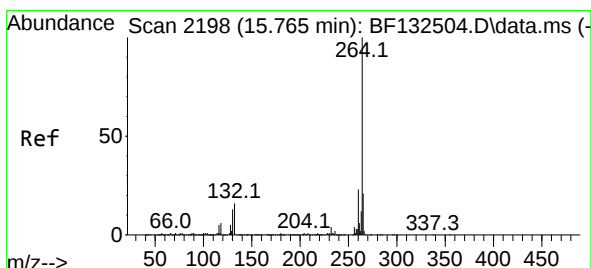
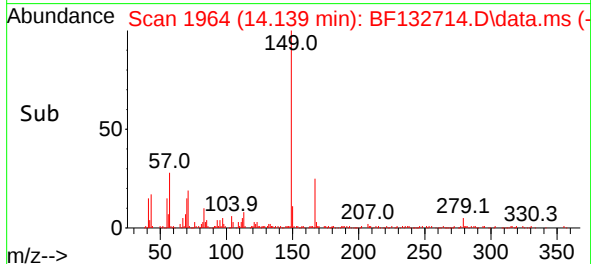
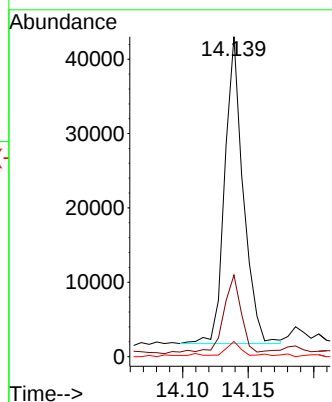
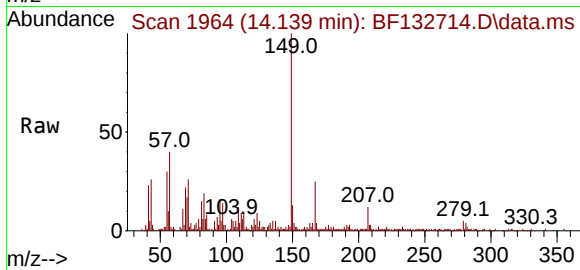




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.254 ng
RT: 14.139 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BF132714.D
Acq: 09 Mar 2023 12:57

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:149 Resp: 40348
Ion Ratio Lower Upper
149 100
167 25.5 21.8 32.6
279 4.8 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.721 min Scan# 2233
Delta R.T. -0.006 min
Lab File: BF132714.D
Acq: 09 Mar 2023 12:57

Tgt Ion:264 Resp: 378817
Ion Ratio Lower Upper
264 100
260 23.7 18.8 28.2
265 22.2 17.1 25.7

