

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
 Data File : BF139309.D
 Acq On : 10 Sep 2024 20:00
 Operator : RC/JU
 Sample : P3853-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 252805

Quant Time: Sep 11 01:31:37 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

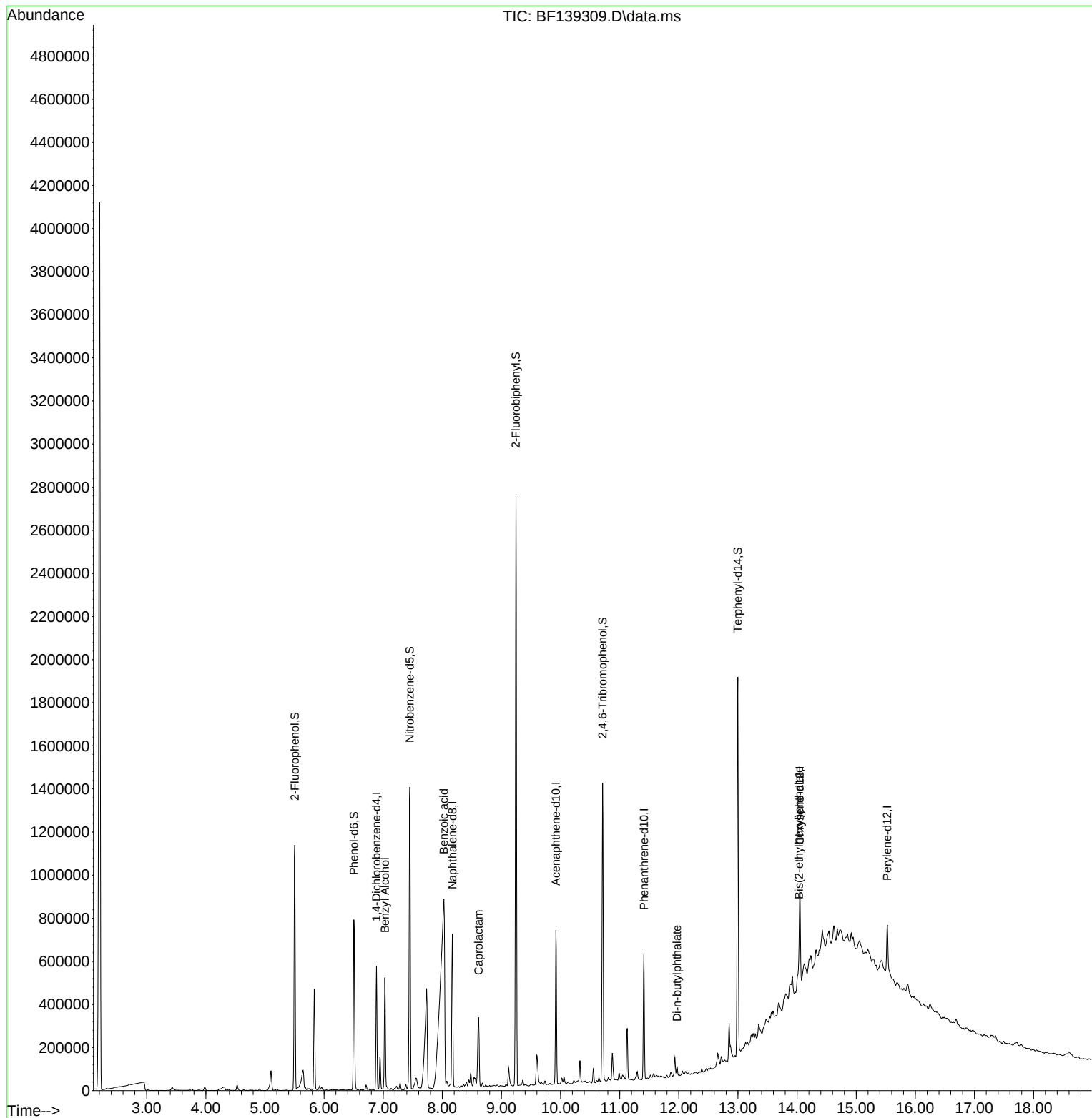
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	112521	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	405593	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	205190	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	300479	20.000	ng	0.00
76) Chrysene-d12	14.045	240	187491	20.000	ng	0.00
86) Perylene-d12	15.527	264	146626	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	379849	56.473	ng	0.00
7) Phenol-d6	6.504	99	335479	37.361	ng	-0.01
23) Nitrobenzene-d5	7.451	82	618730	79.360	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	204526	115.431	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1150847	86.578	ng	0.00
79) Terphenyl-d14	12.998	244	844442	72.719	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.028	79	78877	12.045	ng	100
32) Benzoic acid	8.028	122	823368	195.014	ng	99
35) Caprolactam	8.616	113	44736	26.037	ng	98
74) Di-n-butylphthalate	11.969	149	26670	2.032	ng	98
84) Bis(2-ethylhexyl)phtha...	14.033	149	26271	5.250	ng	97

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

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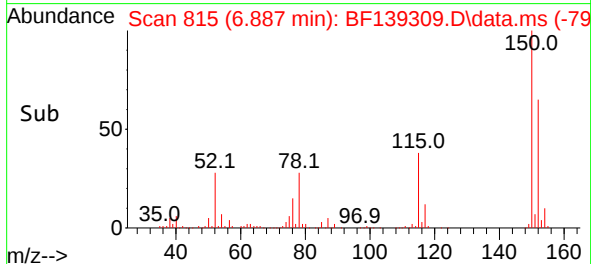
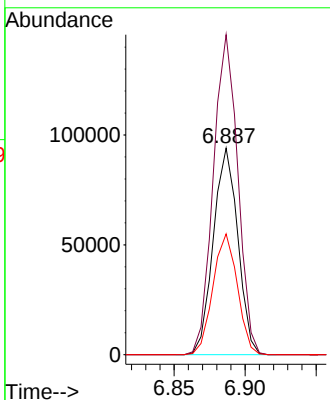
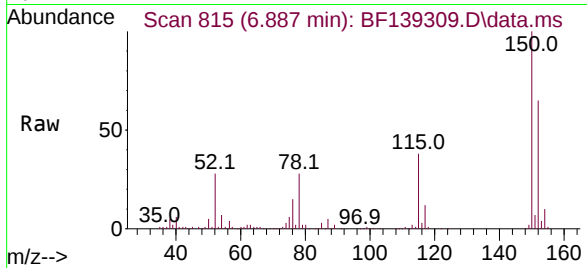




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

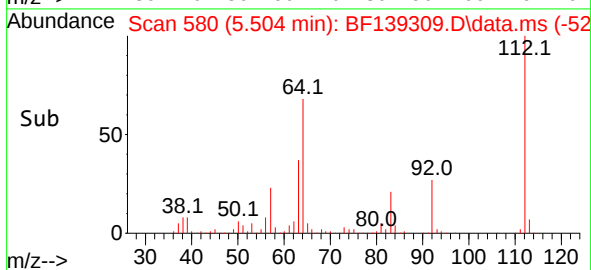
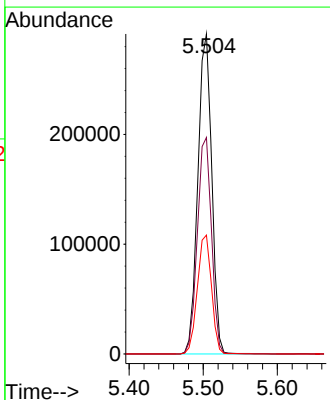
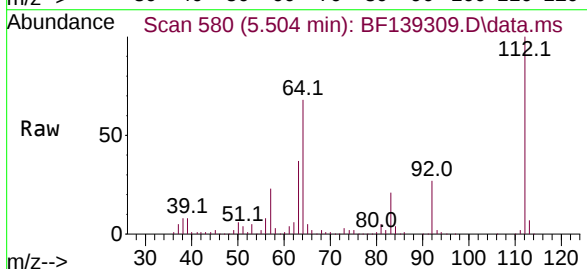
Instrument :
BNA_F
ClientSampleId :
252805

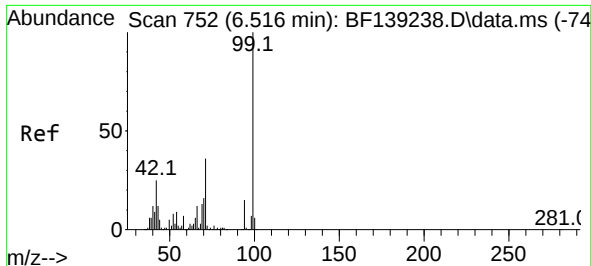
Tgt Ion:152 Resp: 112521
Ion Ratio Lower Upper
152 100
150 154.9 127.0 190.4
115 58.5 46.9 70.3



#5
2-Fluorophenol
Concen: 56.473 ng
RT: 5.504 min Scan# 580
Delta R.T. -0.000 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

Tgt Ion:112 Resp: 379849
Ion Ratio Lower Upper
112 100
64 67.6 55.0 82.4
63 37.1 29.9 44.9

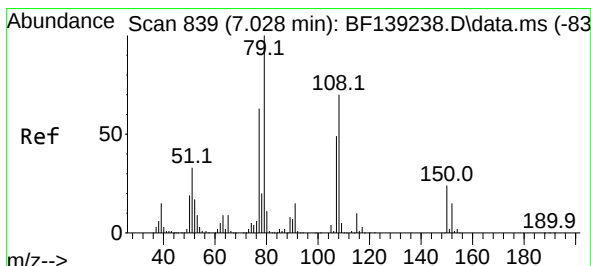
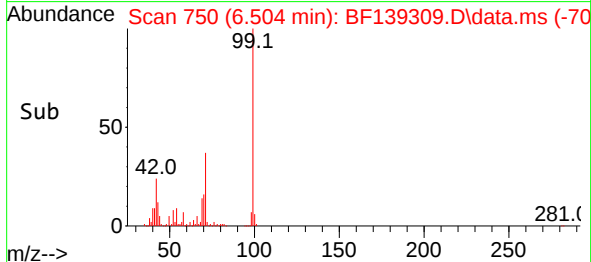
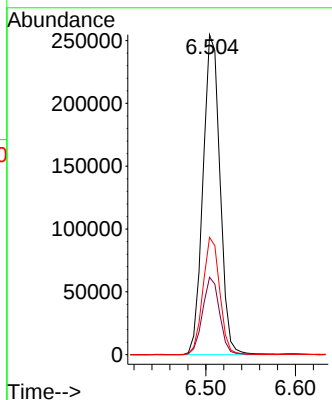
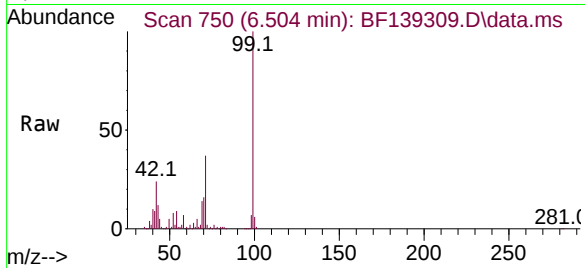




#7
Phenol-d6
Concen: 37.361 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

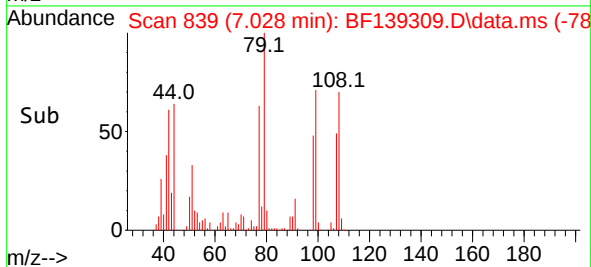
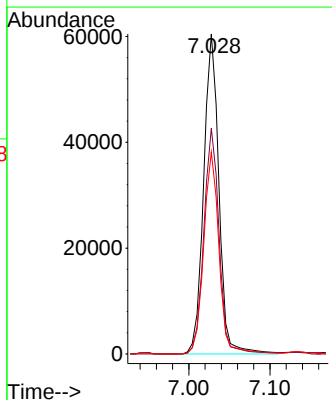
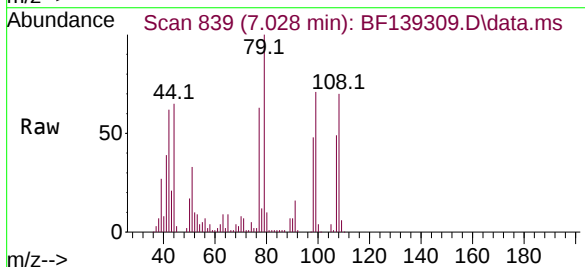
Instrument :
BNA_F
ClientSampleId :
252805

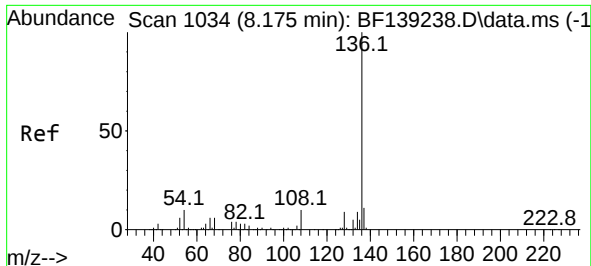
Tgt Ion: 99 Resp: 335479
Ion Ratio Lower Upper
99 100
42 24.2 19.8 29.6
71 36.7 28.8 43.2



#15
Benzyl Alcohol
Concen: 12.045 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.000 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

Tgt Ion: 79 Resp: 78877
Ion Ratio Lower Upper
79 100
108 70.5 56.1 84.1
77 63.1 50.6 76.0



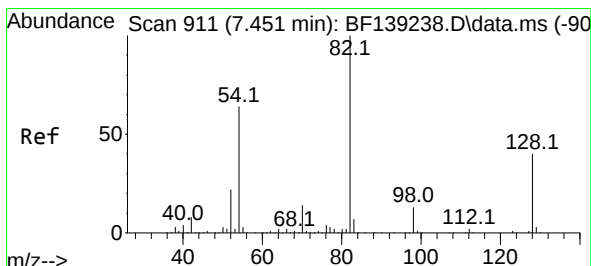
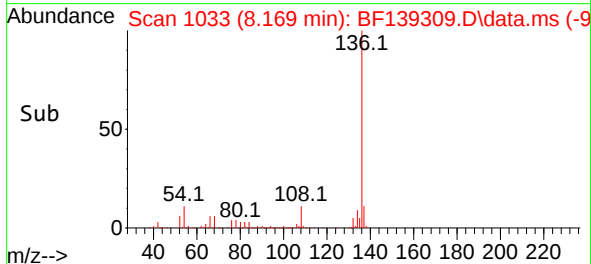
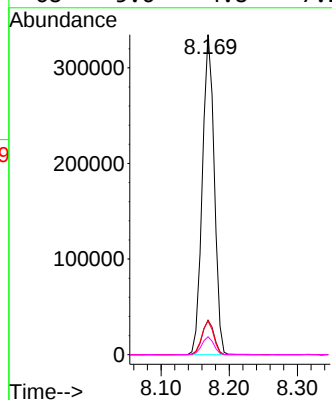
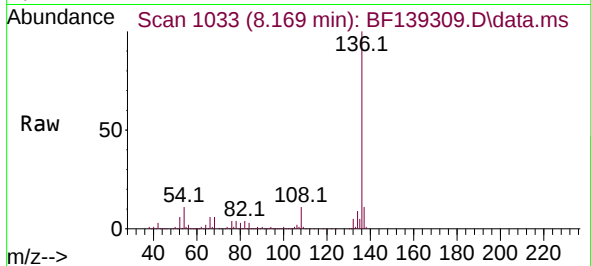


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

Instrument :
BNA_F
ClientSampleId :
252805

Tgt Ion:136 Resp: 405593

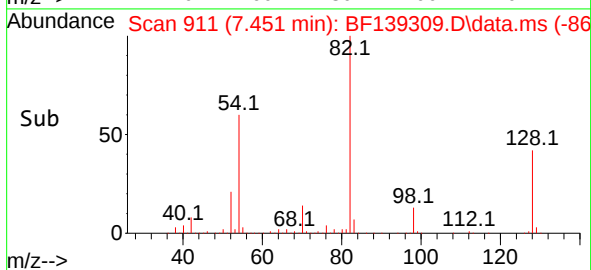
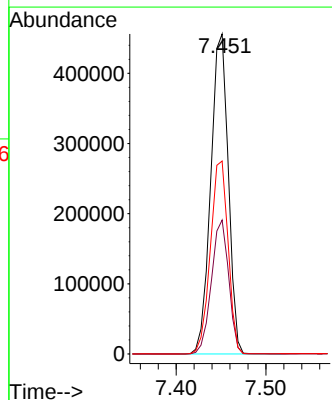
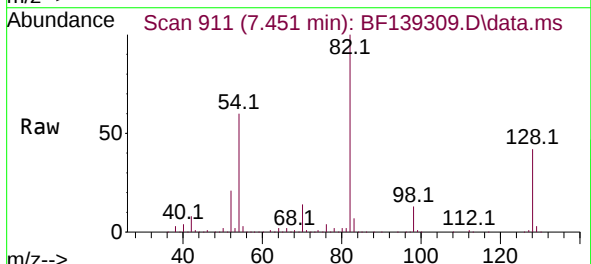
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.5	8.4	12.6
68	5.6	4.8	7.2

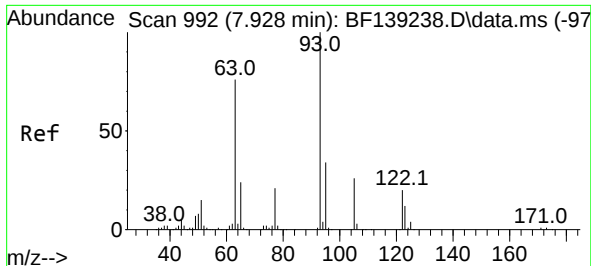


#23
Nitrobenzene-d5
Concen: 79.360 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

Tgt Ion: 82 Resp: 618730

Ion	Ratio	Lower	Upper
82	100		
128	41.9	32.3	48.5
54	60.3	51.2	76.8

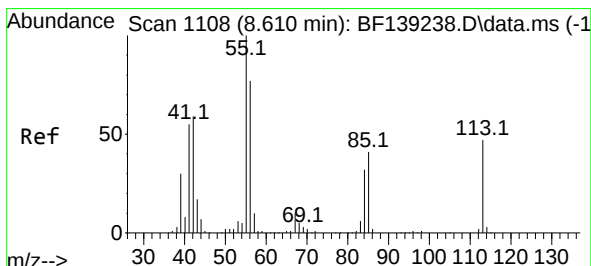
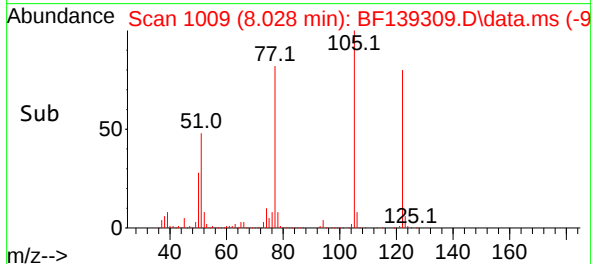
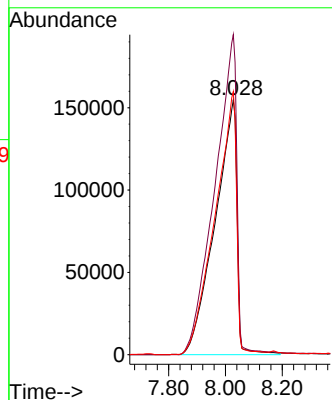
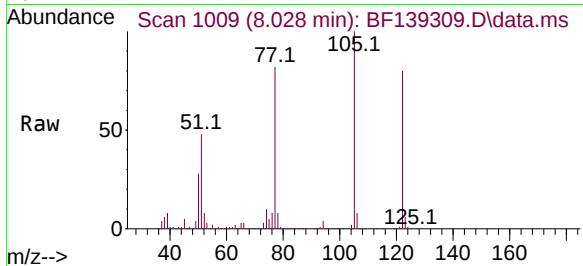




#32
Benzoic acid
Concen: 195.014 ng
RT: 8.028 min Scan# 1109
Delta R.T. 0.100 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

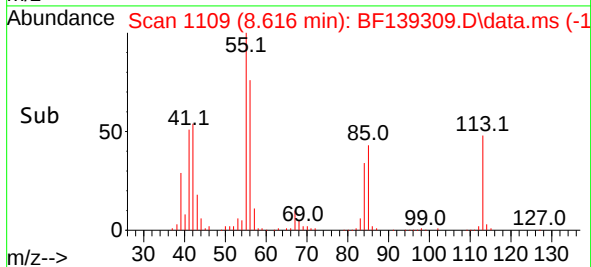
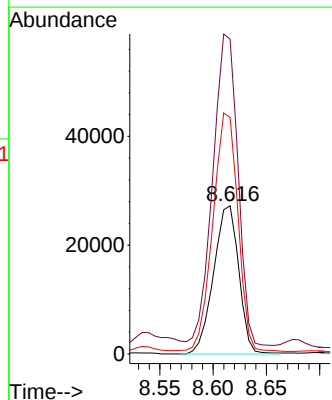
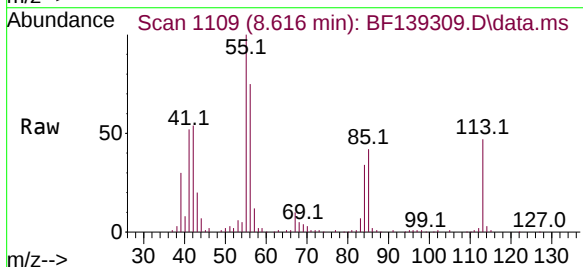
Instrument :
BNA_F
ClientSampleId :
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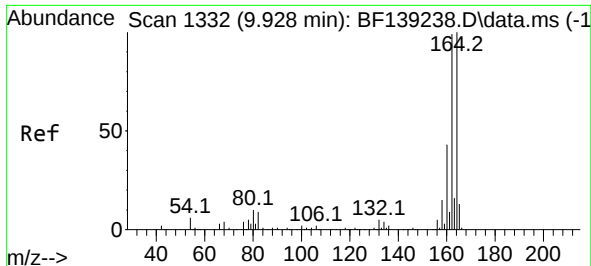
Tgt Ion:122 Resp: 823368
Ion Ratio Lower Upper
122 100
105 125.5 106.3 146.3
77 103.2 84.1 124.1



#35
Caprolactam
Concen: 26.037 ng
RT: 8.616 min Scan# 1109
Delta R.T. 0.006 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

Tgt Ion:113 Resp: 44736
Ion Ratio Lower Upper
113 100
55 212.4 193.7 233.7
56 159.5 145.0 185.0

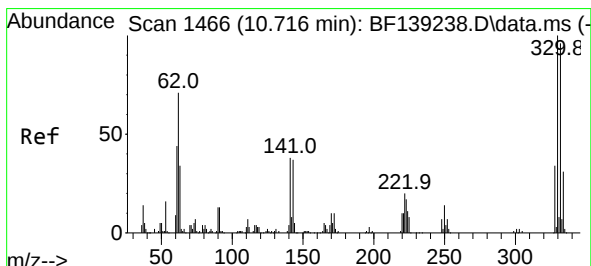
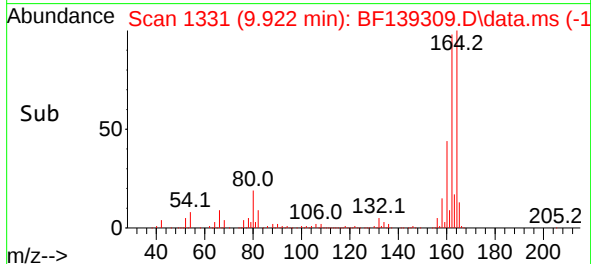
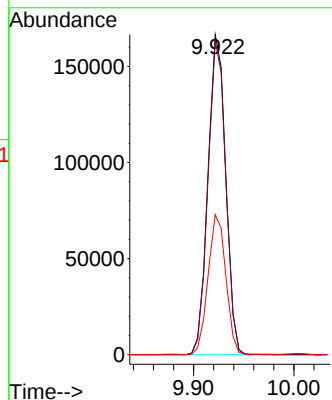
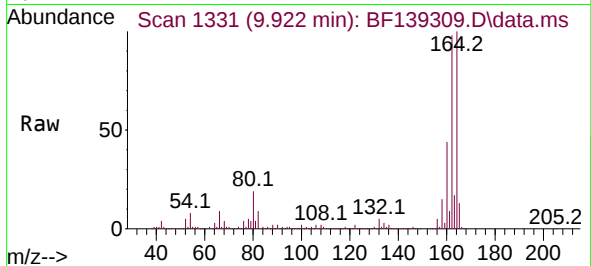




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

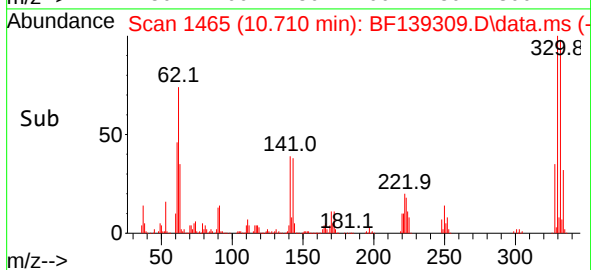
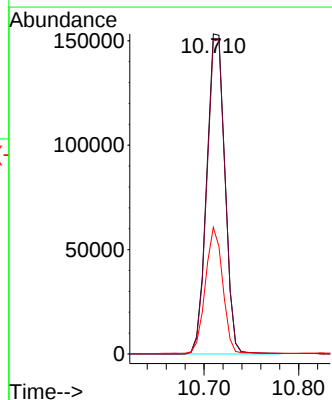
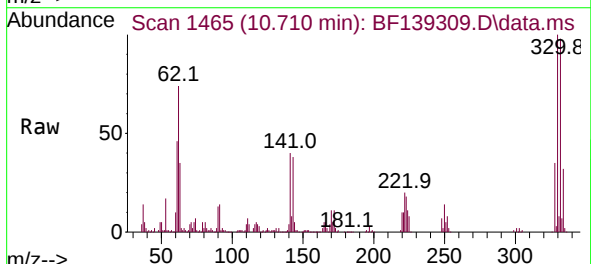
Instrument :
BNA_F
ClientSampleId :
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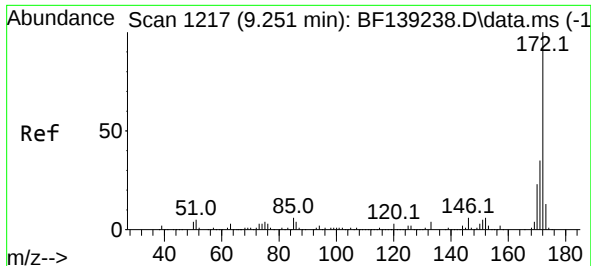
Tgt Ion:164 Resp: 205190
Ion Ratio Lower Upper
164 100
162 98.0 79.2 118.8
160 43.8 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 115.431 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

Tgt Ion:330 Resp: 204526
Ion Ratio Lower Upper
330 100
332 98.2 76.6 115.0
141 37.7 30.1 45.1

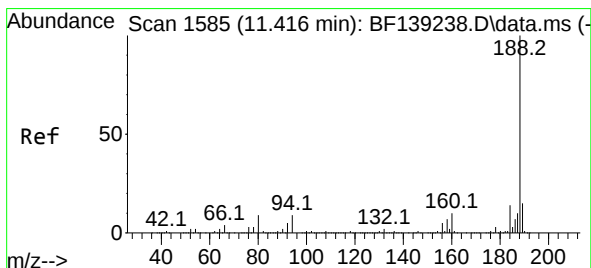
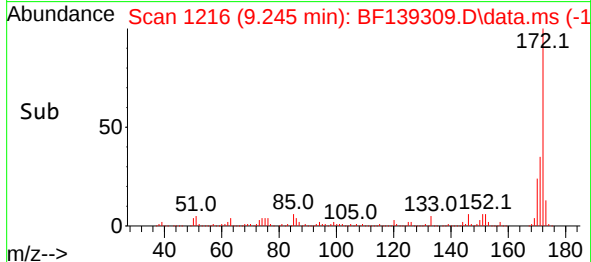
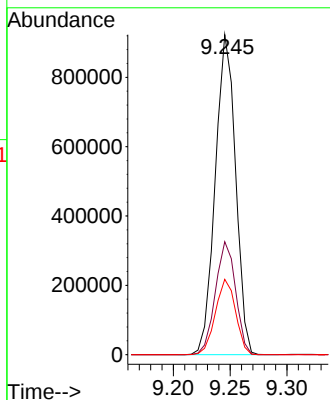
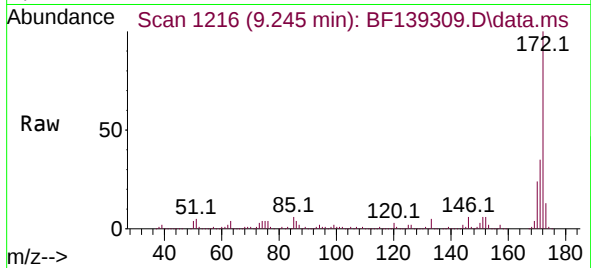




#45
2-Fluorobiphenyl
Concen: 86.578 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

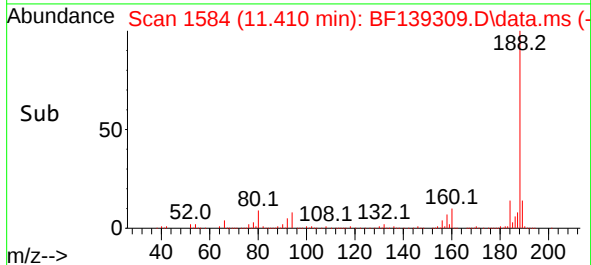
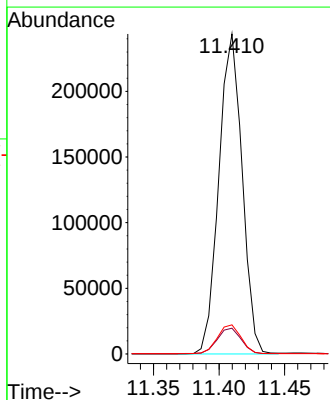
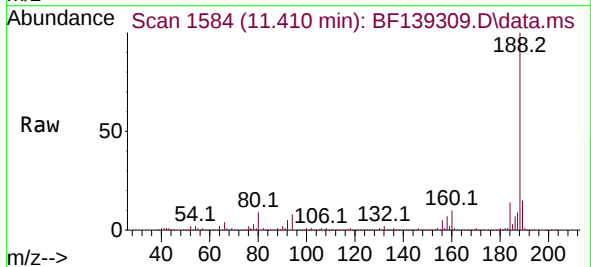
Instrument :
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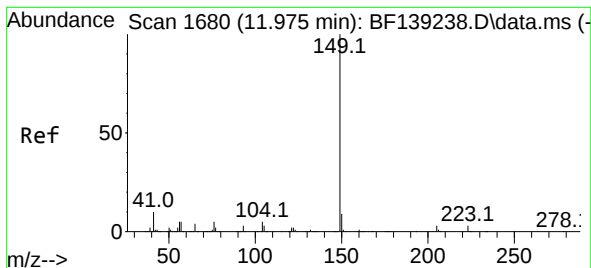
Tgt Ion:172 Resp: 1150847
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.6 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139309.D
Acq: 10 Sep 2024 20:00

Tgt Ion:188 Resp: 300479
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.4
80 9.1 7.3 10.9





#74

Di-n-butylphthalate

Concen: 2.032 ng

RT: 11.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139309.D

Acq: 10 Sep 2024 20:00

Instrument :

BNA_F

ClientSampleId :

252805

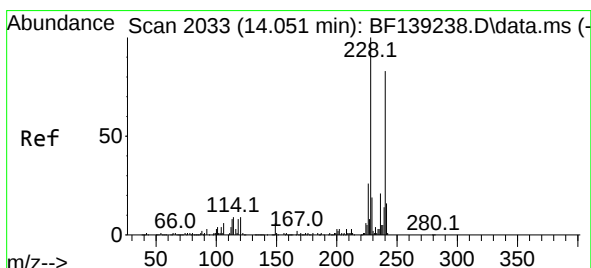
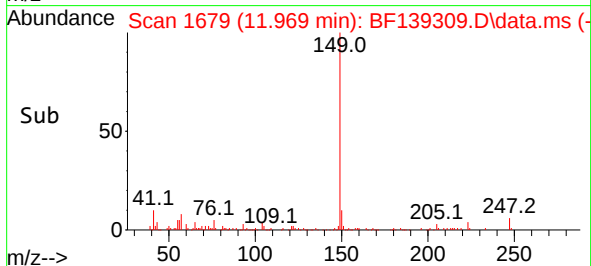
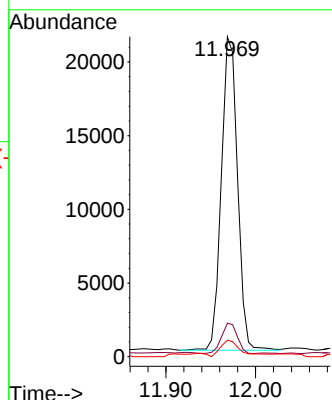
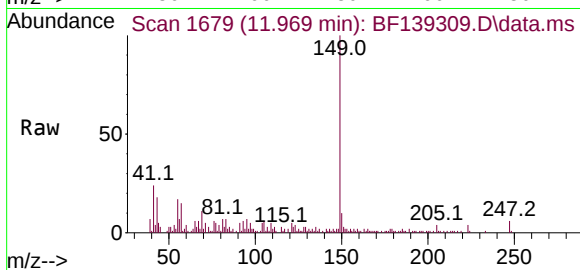
Tgt Ion:149 Resp: 26670

Ion Ratio Lower Upper

149 100

150 10.4 7.5 11.3

104 5.2 3.9 5.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139309.D

Acq: 10 Sep 2024 20:00

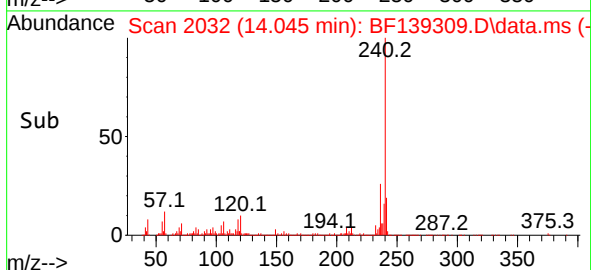
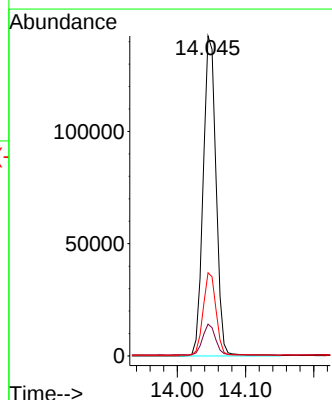
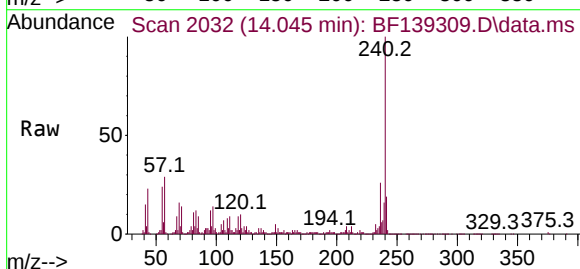
Tgt Ion:240 Resp: 187491

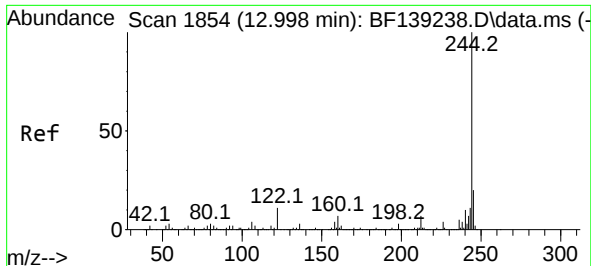
Ion Ratio Lower Upper

240 100

120 10.0 8.6 12.8

236 26.0 20.7 31.1

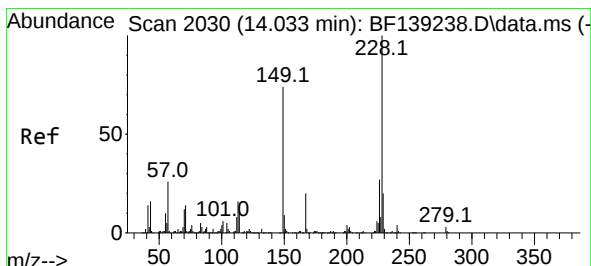
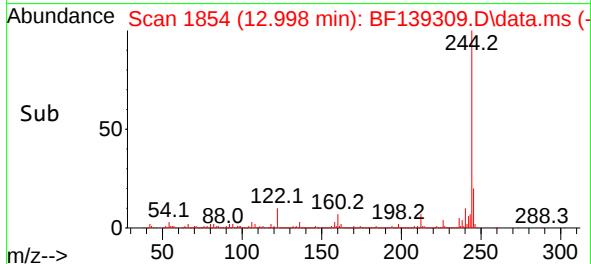
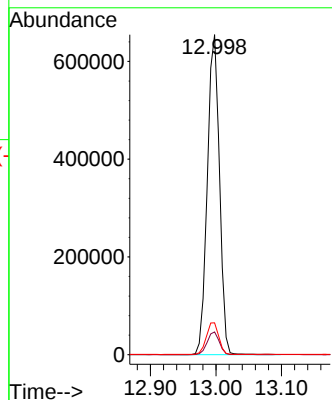
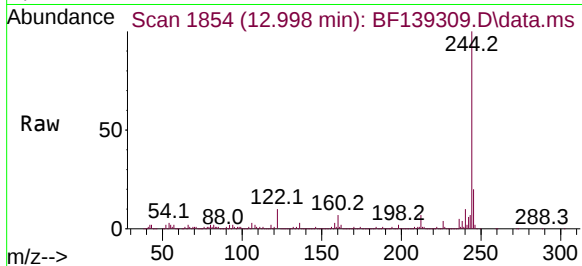




#79
 Terphenyl-d14
 Concen: 72.719 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. -0.000 min
 Lab File: BF139309.D
 Acq: 10 Sep 2024 20:00

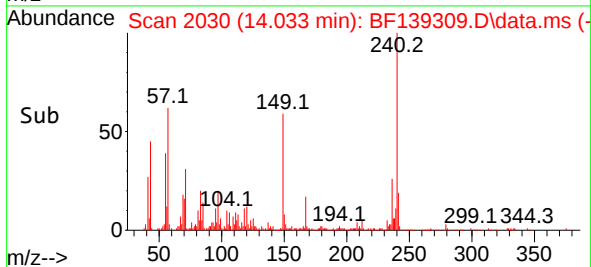
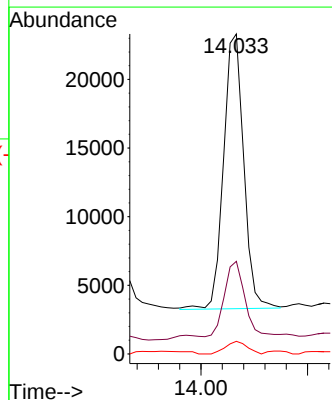
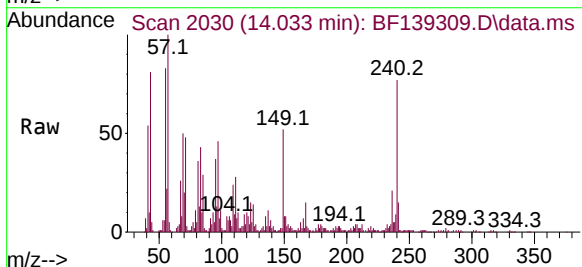
Instrument :
 BNA_F
 ClientSampleId :
 252805

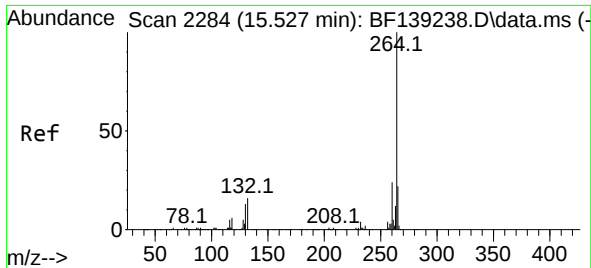
Tgt Ion:244 Resp: 844442
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.0 8.7 13.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.250 ng
 RT: 14.033 min Scan# 2030
 Delta R.T. -0.000 min
 Lab File: BF139309.D
 Acq: 10 Sep 2024 20:00

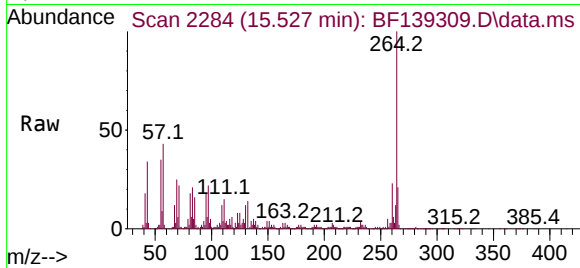
Tgt Ion:149 Resp: 26271
 Ion Ratio Lower Upper
 149 100
 167 29.0 21.8 32.6
 279 3.9 3.0 4.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139309.D
 Acq: 10 Sep 2024 20:00

Instrument :
 BNA_F
 ClientSampleId :
 252805



Tgt Ion:264 Resp: 146626
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.8 28.2
 265 20.9 17.3 25.9

