

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136814.D
 Acq On : 29 Dec 2023 01:56
 Operator : CG\JU
 Sample : 06034-01 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EO-03-122723

Quant Time: Dec 29 02:20:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

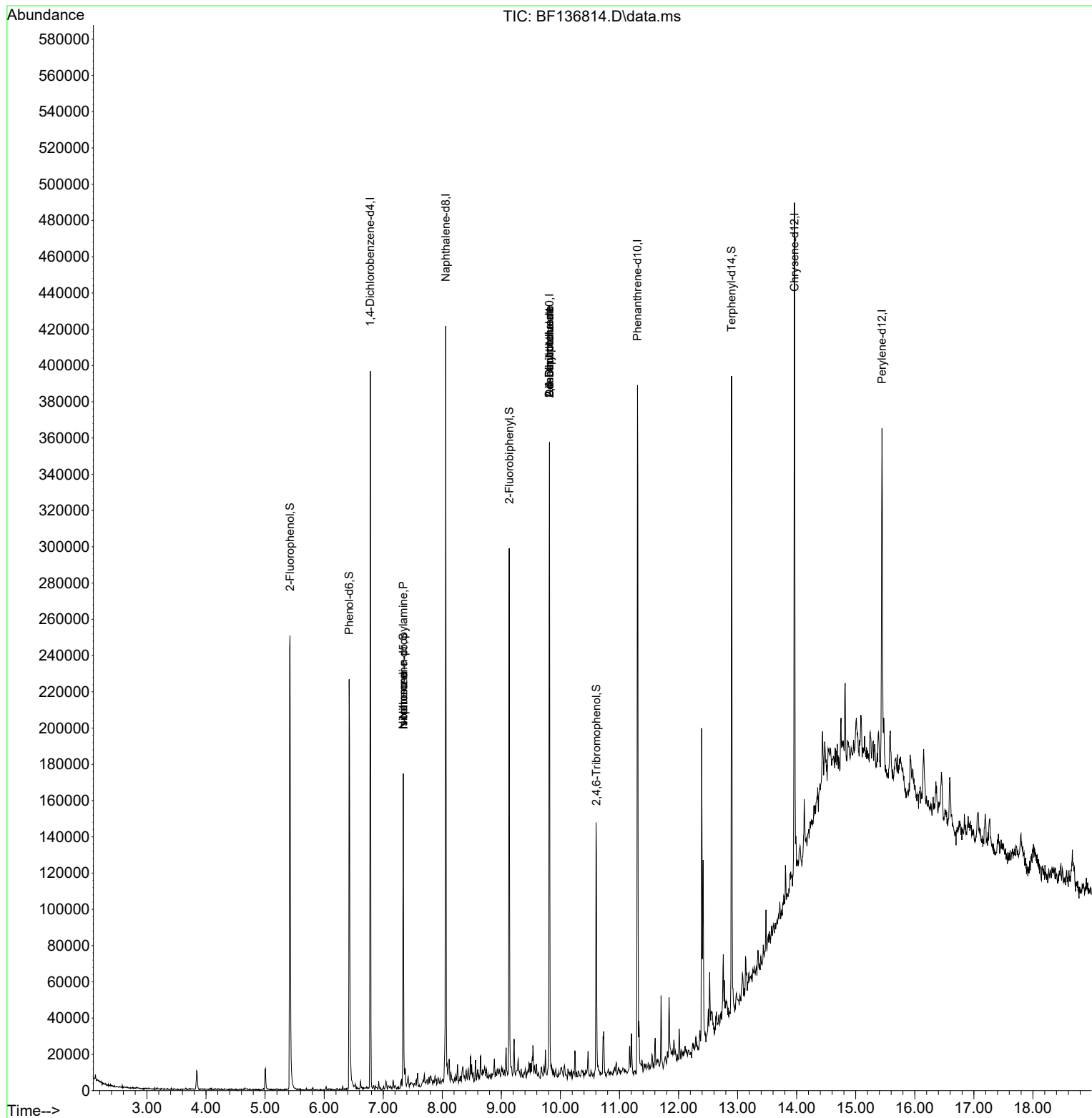
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	51381	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	153282	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	67177	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	140071	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	119150	20.000	ng	0.00
86) Perylene-d12	15.445	264	87782	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	78252	23.763	ng	0.00
7) Phenol-d6	6.422	99	86050	20.166	ng	-0.02
23) Nitrobenzene-d5	7.340	82	48189	16.087	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	18772	23.727	ng	-0.01
45) 2-Fluorobiphenyl	9.134	172	82768	16.571	ng	-0.02
79) Terphenyl-d14	12.898	244	118256	13.870	ng	-0.02
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	6880	2.660	ng	# 74
25) Isophorone	7.340	82	48188	8.841	ng	# 65
50) Dimethylphthalate	9.816	163	13618	2.775	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	8907	7.998	ng	# 28
57) 2,4-Dinitrotoluene	9.816	165	8907	6.161	ng	# 19

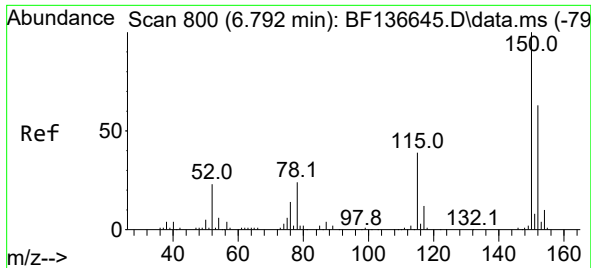
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 21 01:54:25 2023
Response via : Initial Calibration

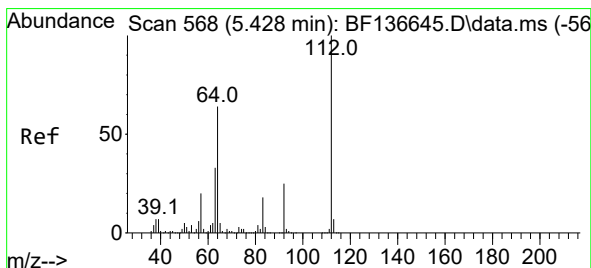
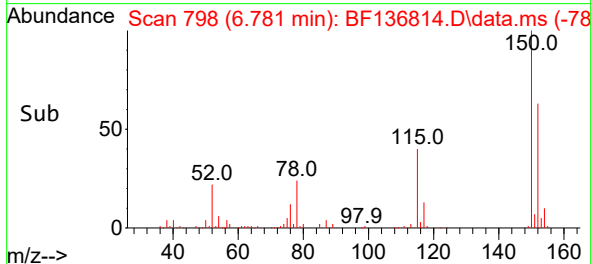
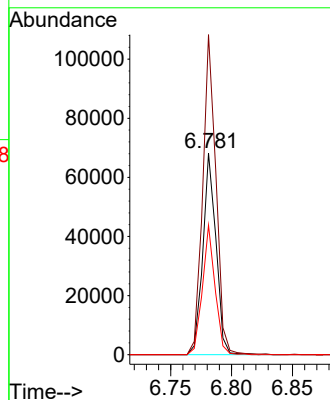
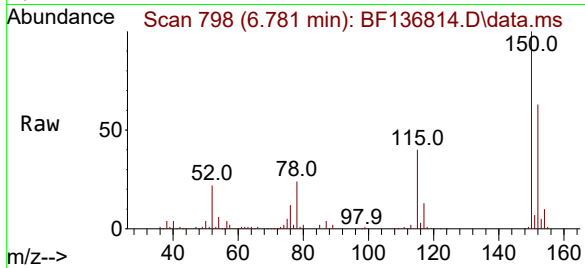




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136814.D
Acq: 29 Dec 2023 01:56

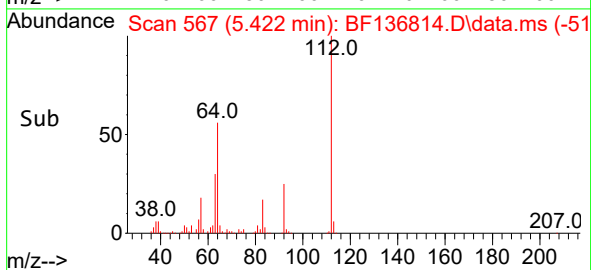
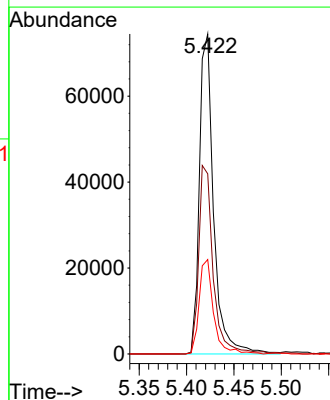
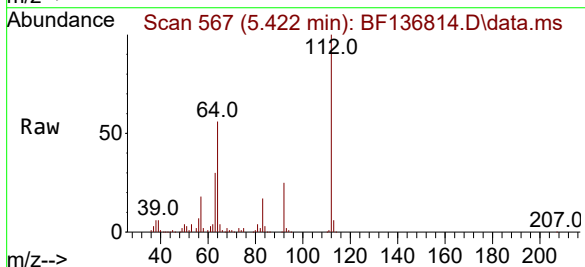
Instrument :
BNA_F
ClientSampleId :
EO-03-122723

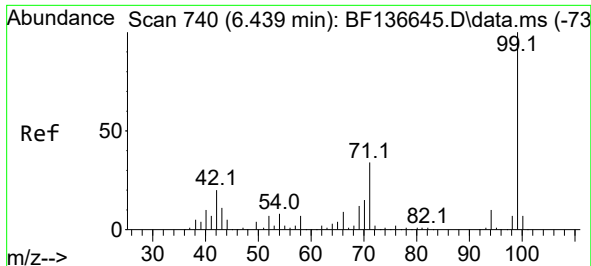
Tgt Ion:152 Resp: 51381
Ion Ratio Lower Upper
152 100
150 158.9 127.0 190.6
115 64.3 49.0 73.4



#5
2-Fluorophenol
Concen: 23.763 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.005 min
Lab File: BF136814.D
Acq: 29 Dec 2023 01:56

Tgt Ion:112 Resp: 78252
Ion Ratio Lower Upper
112 100
64 56.3 51.1 76.7
63 29.5 26.1 39.1

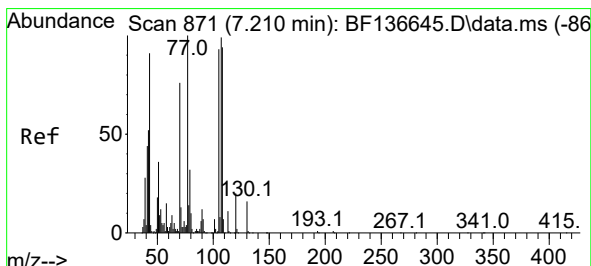
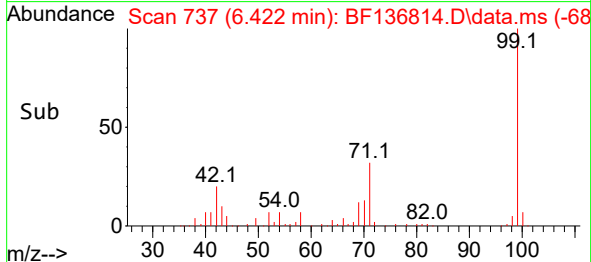
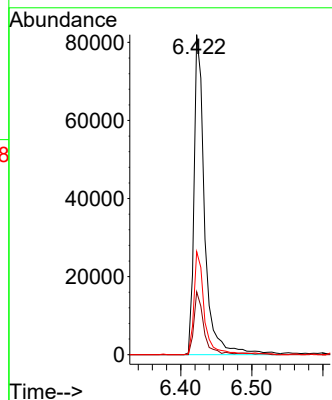
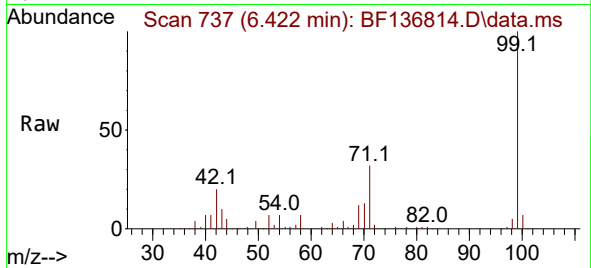




#7
Phenol-d6
Concen: 20.166 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF136814.D
Acq: 29 Dec 2023 01:56

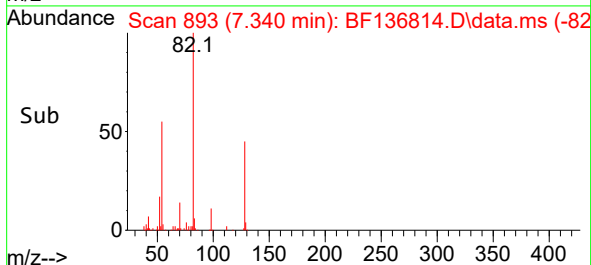
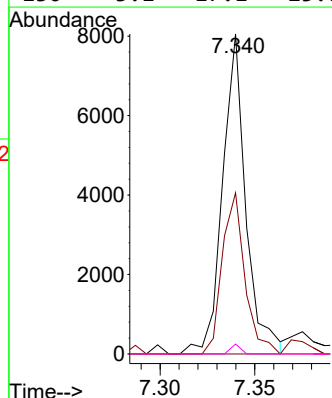
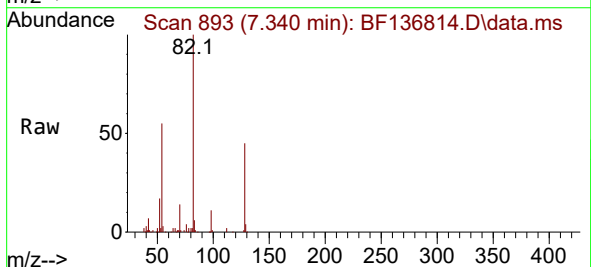
Instrument :
BNA_F
ClientSampleId :
EO-03-122723

Tgt Ion: 99 Resp: 86050
Ion Ratio Lower Upper
99 100
42 19.6 16.1 24.1
71 32.2 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 2.660 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF136814.D
Acq: 29 Dec 2023 01:56

Tgt Ion: 70 Resp: 6880
Ion Ratio Lower Upper
70 100
42 50.3 54.2 81.4#
101 0.0 7.6 11.4#
130 3.1 17.1 25.7#



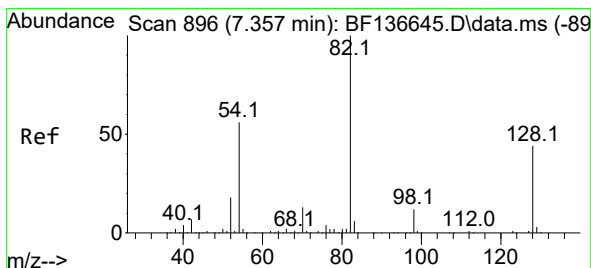
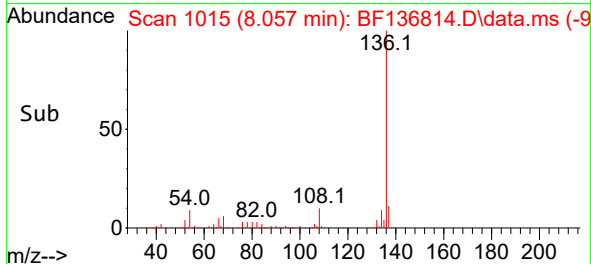
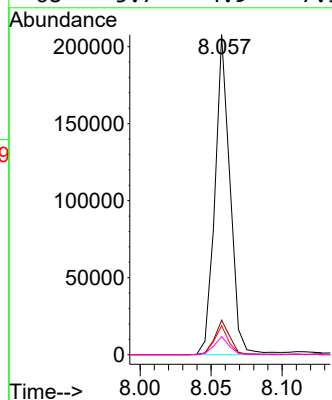
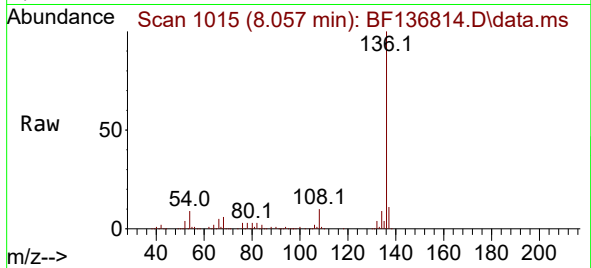


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.011 min
Lab File: BF136814.D
Acq: 29 Dec 2023 01:56

Instrument :
BNA_F
ClientSampleId :
EO-03-122723

Tgt Ion:136 Resp: 153282

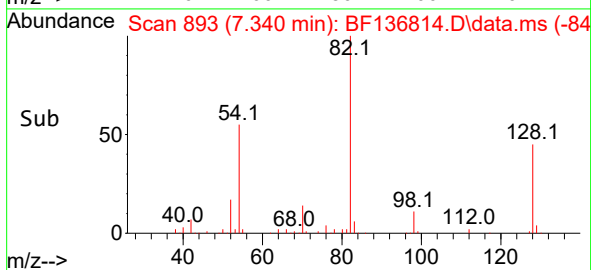
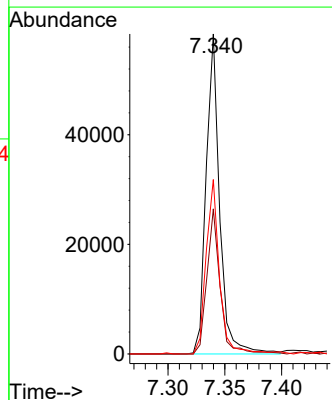
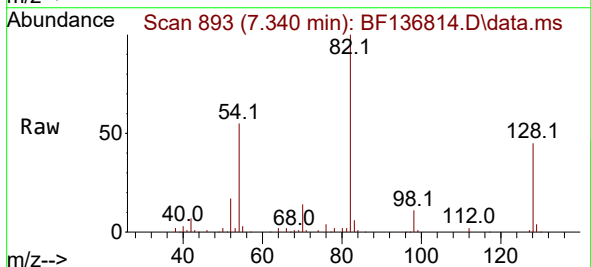
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	9.0	7.2	10.8
68	5.7	4.9	7.3



#23
Nitrobenzene-d5
Concen: 16.087 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.017 min
Lab File: BF136814.D
Acq: 29 Dec 2023 01:56

Tgt Ion: 82 Resp: 48189

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.3	52.9
54	54.5	44.5	66.7

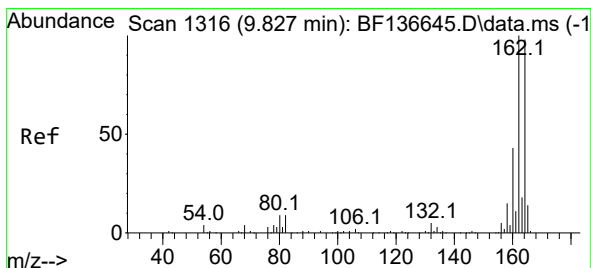
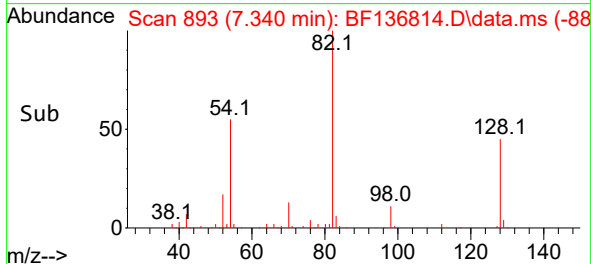
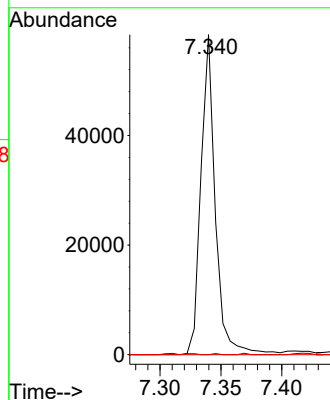
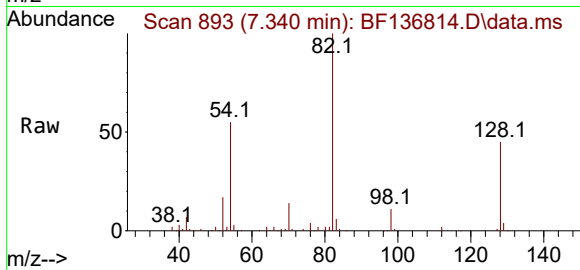




#25
Isophorone
Concen: 8.841 ng
RT: 7.340 min Scan# 893
Delta R.T. -0.276 min
Lab File: BF136814.D
Acq: 29 Dec 2023 01:56

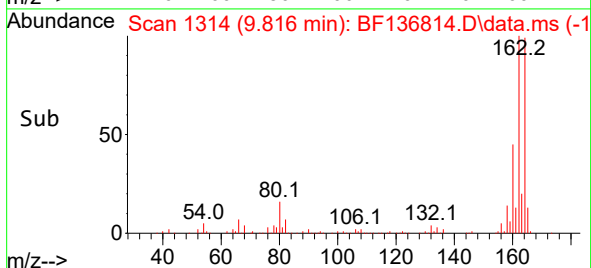
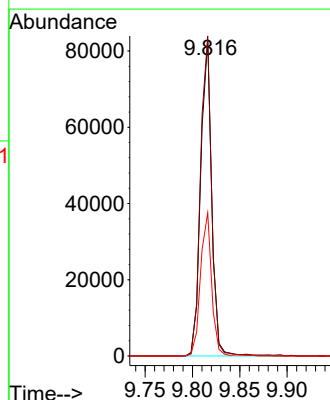
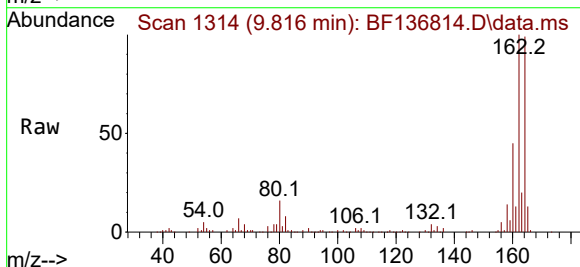
Instrument :
BNA_F
ClientSampleId :
EO-03-122723

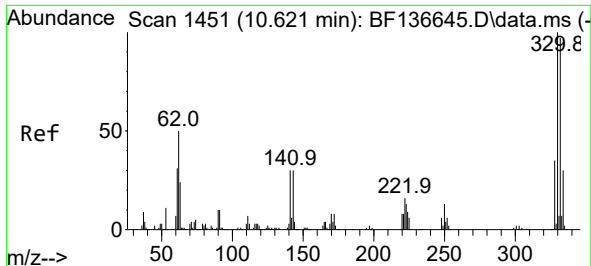
Tgt Ion: 82 Resp: 48188
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.011 min
Lab File: BF136814.D
Acq: 29 Dec 2023 01:56

Tgt Ion:164 Resp: 67177
Ion Ratio Lower Upper
164 100
162 101.1 81.6 122.4
160 45.2 34.9 52.3

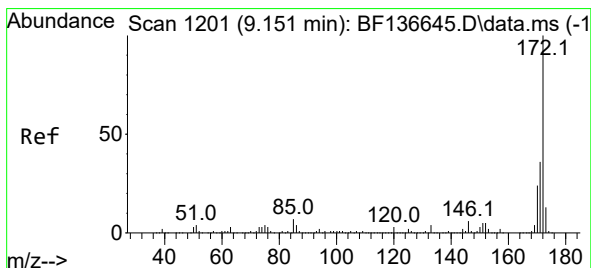
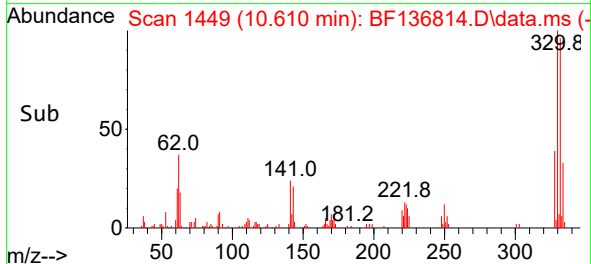
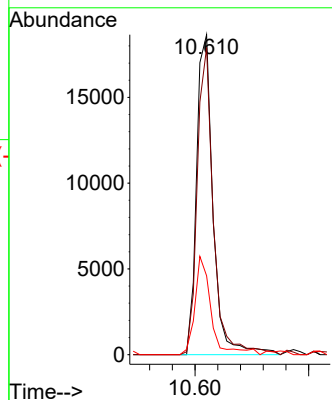
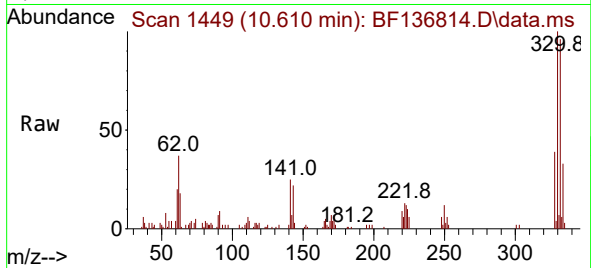




#42
2,4,6-Tribromophenol
Concen: 23.727 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.011 min
Lab File: BF136814.D
Acq: 29 Dec 2023 01:56

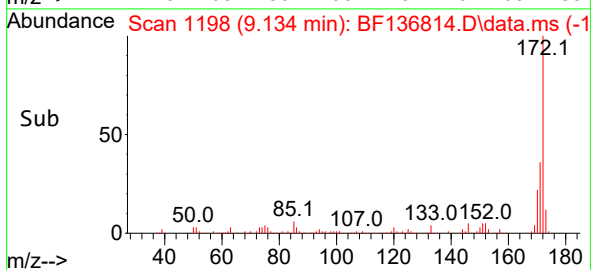
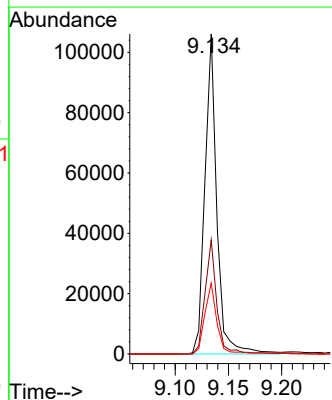
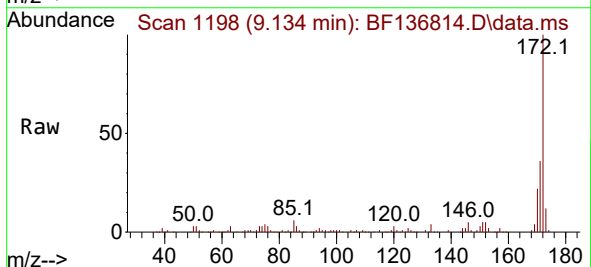
Instrument :
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ClientSampleId :
EO-03-122723

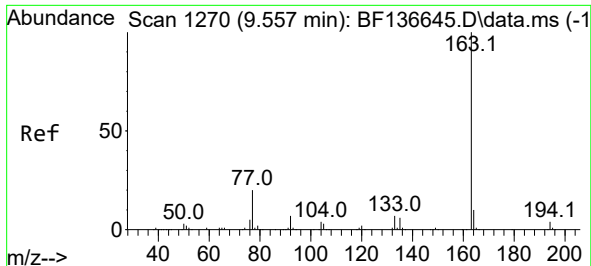
Tgt Ion: 330 Resp: 18772
Ion Ratio Lower Upper
330 100
332 94.2 77.4 116.0
141 30.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 16.571 ng
RT: 9.134 min Scan# 1198
Delta R.T. -0.017 min
Lab File: BF136814.D
Acq: 29 Dec 2023 01:56

Tgt Ion: 172 Resp: 82768
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 22.2 19.0 28.4

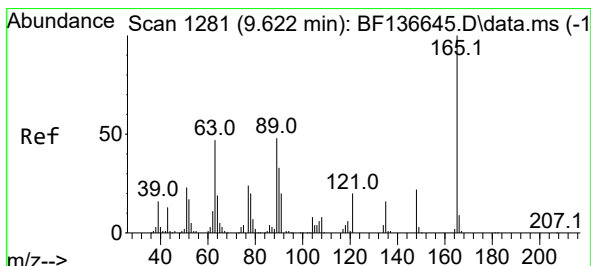
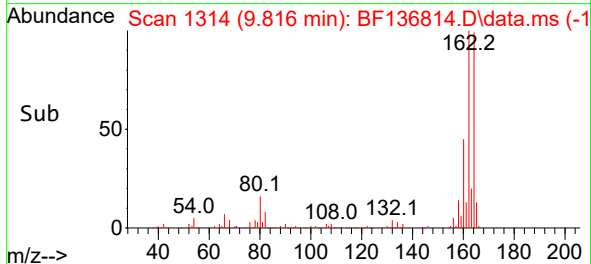
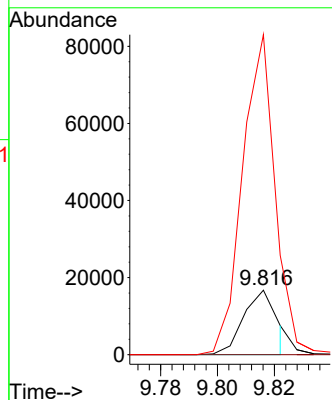
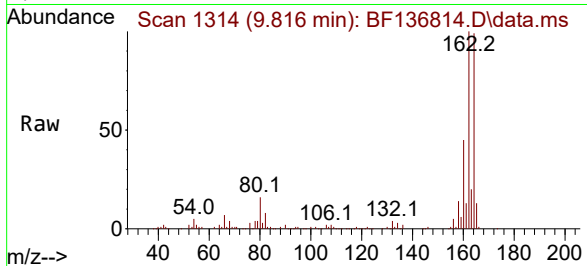




#50
Dimethylphthalate
Concen: 2.775 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136814.D
Acq: 29 Dec 2023 01:56

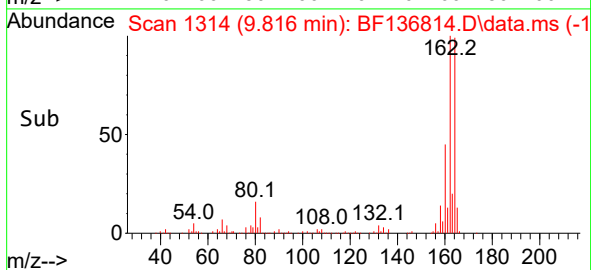
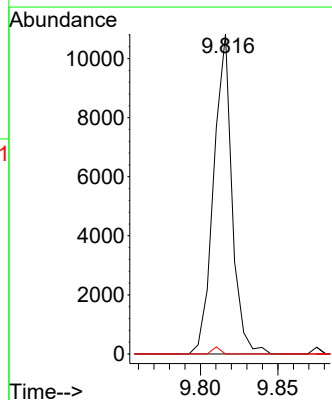
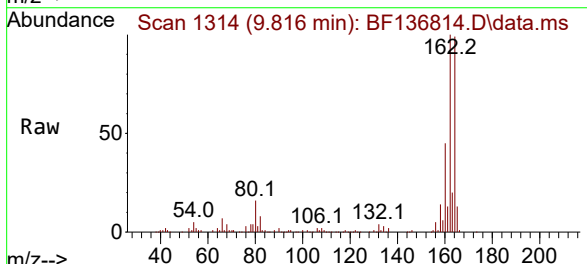
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BNA_F
ClientSampleId :
EO-03-122723

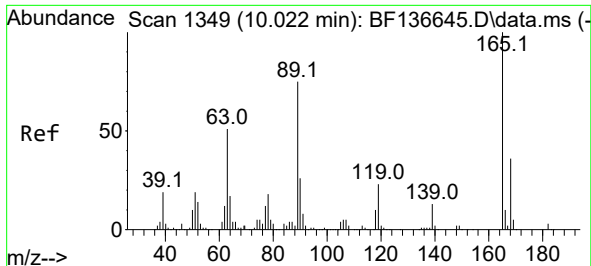
Tgt Ion:163 Resp: 13618
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 495.8 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.998 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.195 min
Lab File: BF136814.D
Acq: 29 Dec 2023 01:56

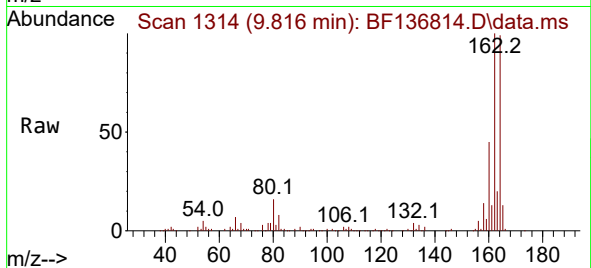
Tgt Ion:165 Resp: 8907
Ion Ratio Lower Upper
165 100
63 0.0 39.8 59.6#
89 0.0 38.8 58.2#



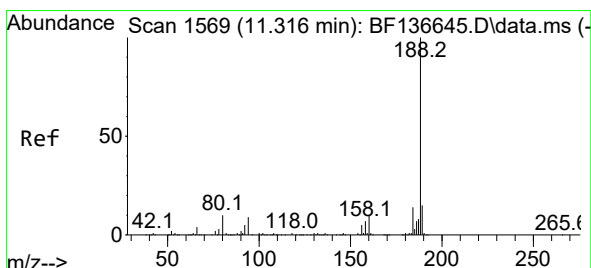
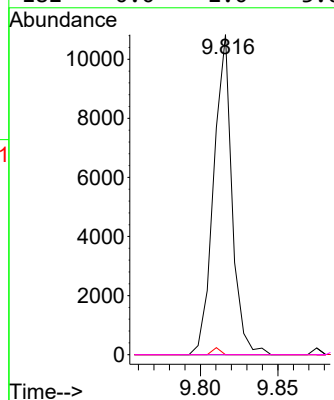
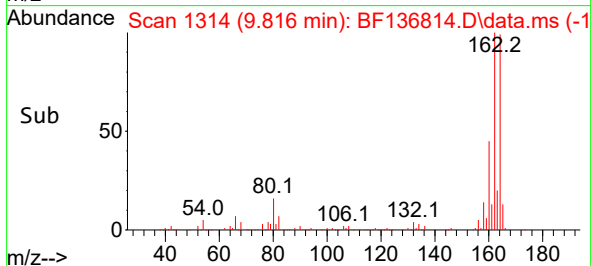


#57
2,4-Dinitrotoluene
Concen: 6.161 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.205 min
Lab File: BF136814.D
Acq: 29 Dec 2023 01:56

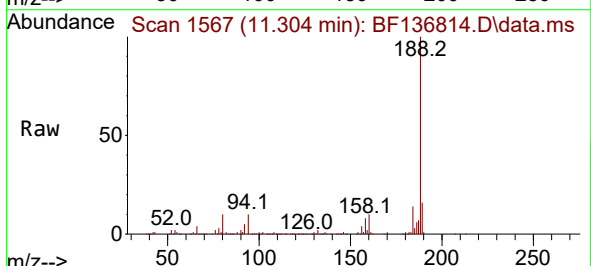
Instrument :
BNA_F
ClientSampleId :
EO-03-122723



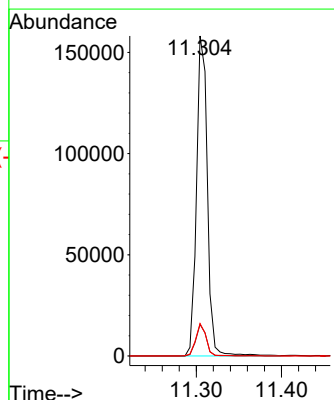
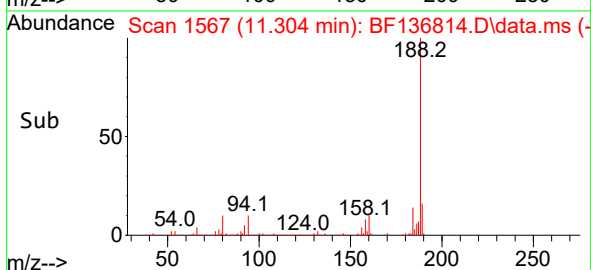
Tgt Ion:165 Resp: 8907
Ion Ratio Lower Upper
165 100
63 0.0 41.0 61.6#
89 0.0 59.9 89.9#
182 0.0 2.0 3.0#

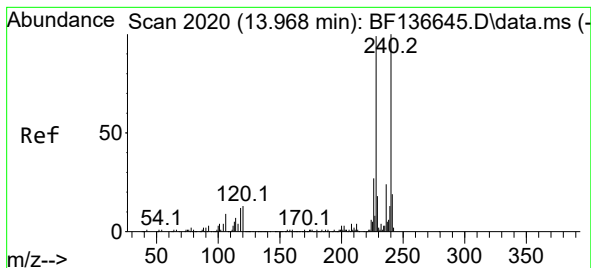


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.011 min
Lab File: BF136814.D
Acq: 29 Dec 2023 01:56



Tgt Ion:188 Resp: 140071
Ion Ratio Lower Upper
188 100
94 9.9 7.5 11.3
80 10.1 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.005 min

Lab File: BF136814.D

Acq: 29 Dec 2023 01:56

Instrument :

BNA_F

ClientSampleId :

EO-03-122723

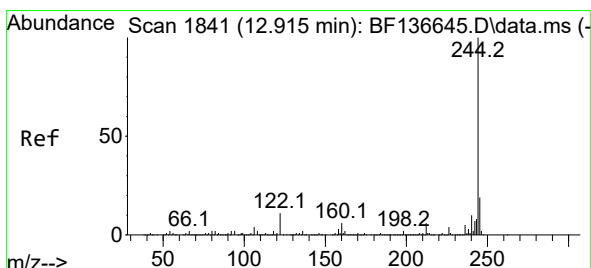
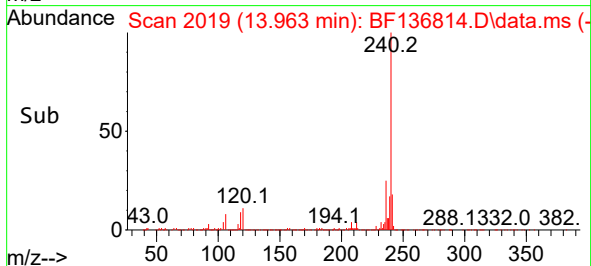
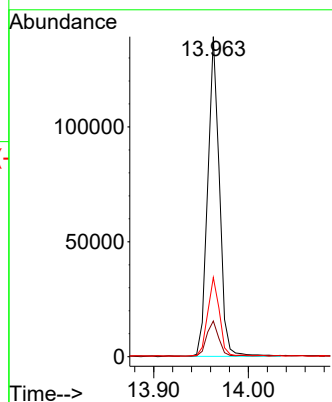
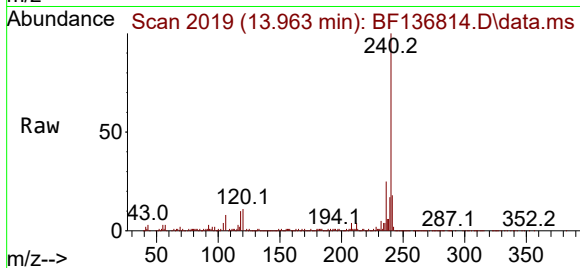
Tgt Ion:240 Resp: 119150

Ion Ratio Lower Upper

240 100

120 11.2 10.3 15.5

236 24.8 19.4 29.2



#79

Terphenyl-d14

Concen: 13.870 ng

RT: 12.898 min Scan# 1838

Delta R.T. -0.017 min

Lab File: BF136814.D

Acq: 29 Dec 2023 01:56

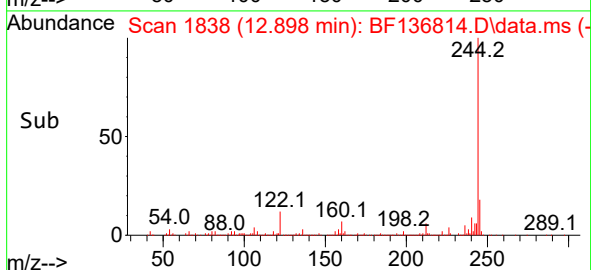
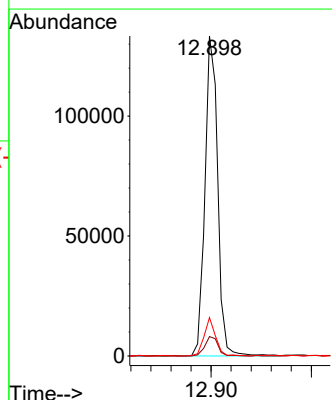
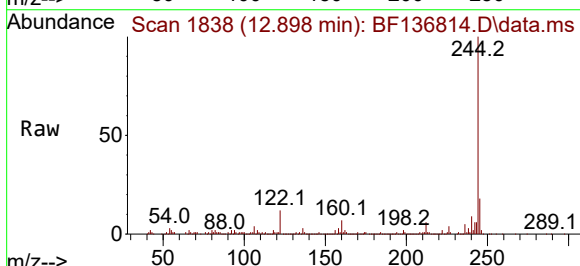
Tgt Ion:244 Resp: 118256

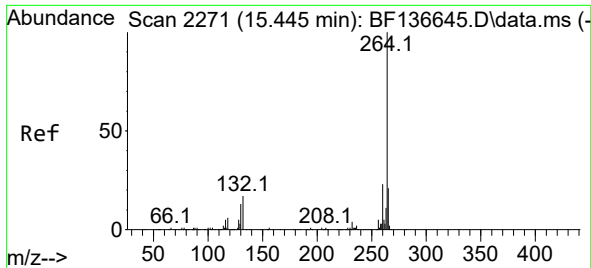
Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 12.0 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136814.D
Acq: 29 Dec 2023 01:56

Instrument :
BNA_F
ClientSampleId :
EO-03-122723

Tgt Ion:264	Resp:	87782
Ion Ratio	Lower	Upper
264	100	
260	23.5	18.3 27.5
265	21.4	17.0 25.6

