

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134145.D
 Acq On : 08 Jul 2023 13:11
 Operator : CG\JU
 Sample : PB153669TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 09 00:35:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

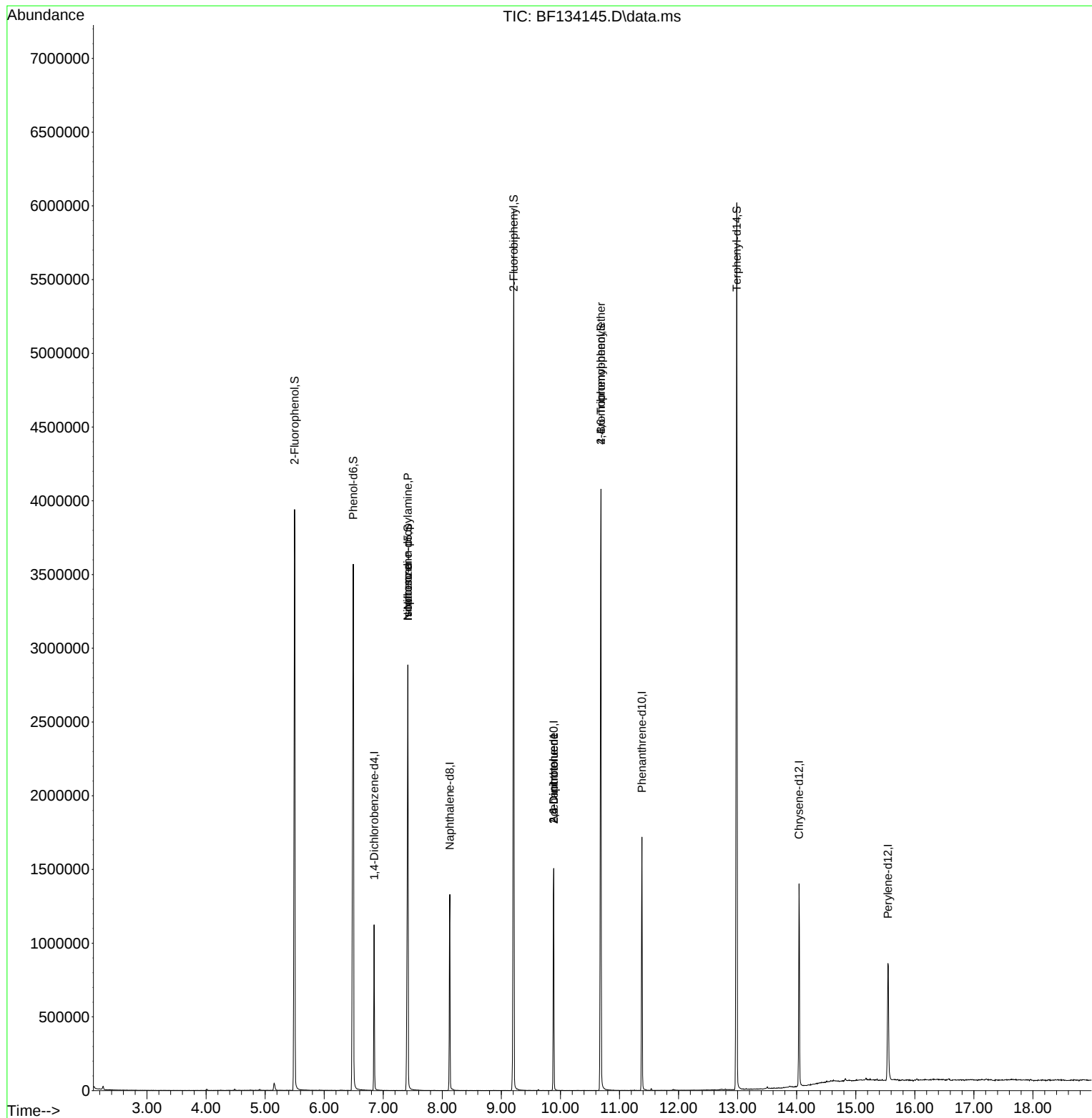
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	145698	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	582195	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	302635	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	628567	20.000	ng	0.00
76) Chrysene-d12	14.039	240	477604	20.000	ng	-0.01
86) Perylene-d12	15.545	264	428766	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1229767	141.190	ng	0.01
7) Phenol-d6	6.492	99	1508496	140.829	ng	0.00
23) Nitrobenzene-d5	7.416	82	1069311	99.007	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	590097	155.516	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1928387	92.642	ng	0.00
79) Terphenyl-d14	12.986	244	2602661	87.704	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.492	77	2853	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	152418	22.438	ng	# 77
25) Isophorone	7.416	82	1057317	53.866	ng	# 64
51) 2,6-Dinitrotoluene	9.886	165	40078	8.470	ng	# 23
57) 2,4-Dinitrotoluene	9.886	165	40078	6.414	ng	# 22
67) 4-Bromophenyl-phenylether	10.686	248	34504	5.165	ng	# 1

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

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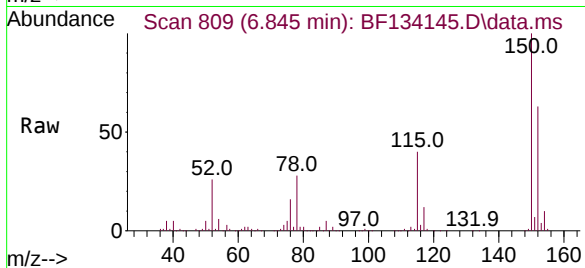
Quant Time: Jul 09 00:35:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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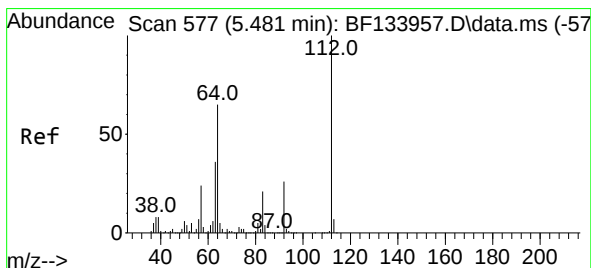
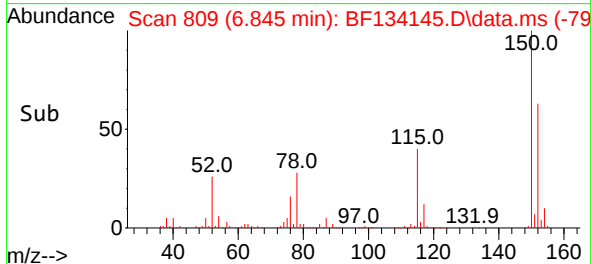
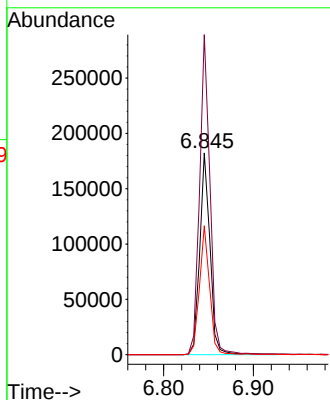


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF134145.D
 Acq: 08 Jul 2023 13:11

Instrument :
 BNA_F
 ClientSampleId :

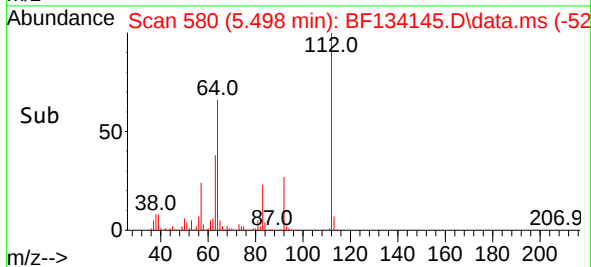
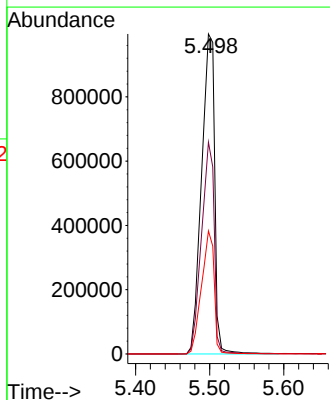
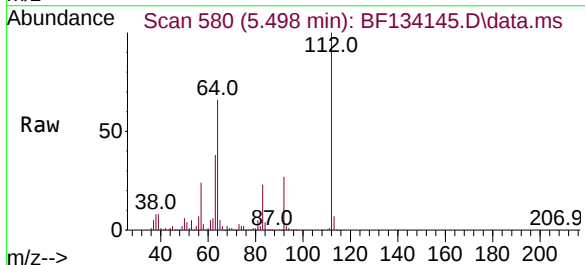


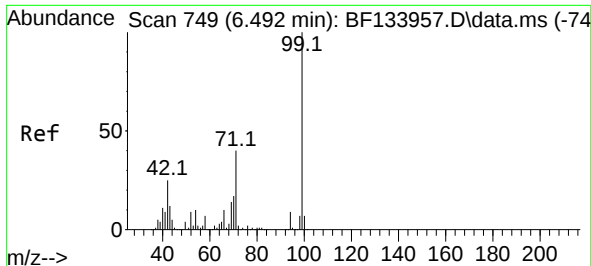
Tgt Ion:152 Resp: 145698
 Ion Ratio Lower Upper
 152 100
 150 158.6 124.5 186.7
 115 63.9 50.2 75.2



#5
 2-Fluorophenol
 Concen: 141.190 ng
 RT: 5.498 min Scan# 580
 Delta R.T. 0.012 min
 Lab File: BF134145.D
 Acq: 08 Jul 2023 13:11

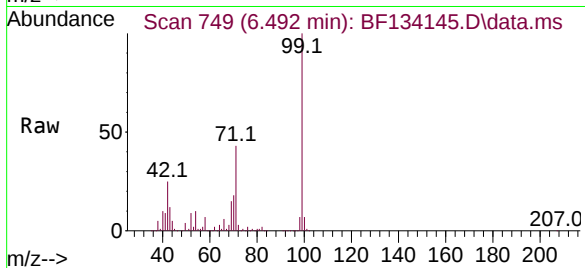
Tgt Ion:112 Resp: 1229767
 Ion Ratio Lower Upper
 112 100
 64 66.2 52.1 78.1
 63 38.5 28.6 42.8





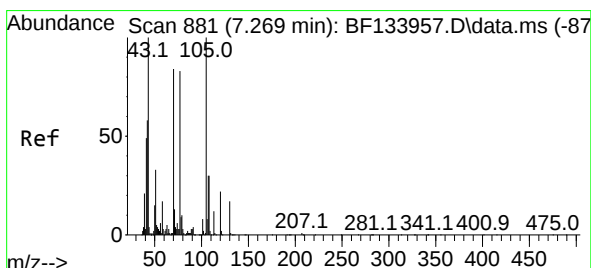
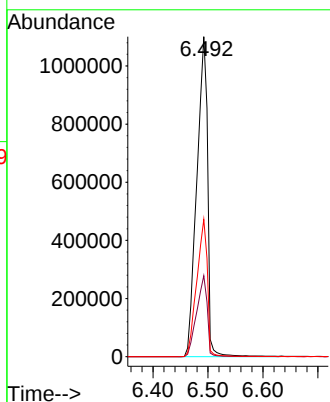
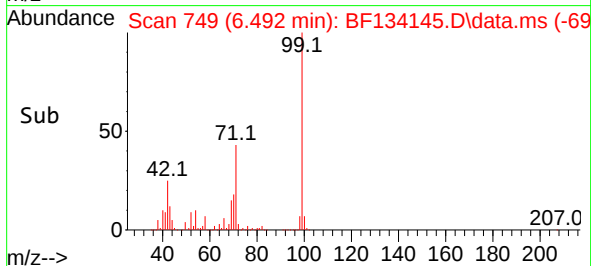
#7
Phenol-d6
Concen: 140.829 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134145.D
Acq: 08 Jul 2023 13:11

Instrument :
BNA_F
ClientSampleId :

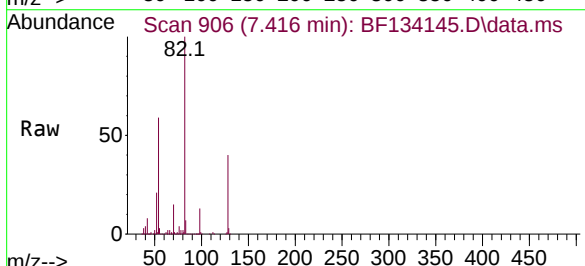


Tgt Ion: 99 Resp: 1508496

Ion	Ratio	Lower	Upper
99	100		
42	25.3	19.8	29.6
71	42.9	31.9	47.9

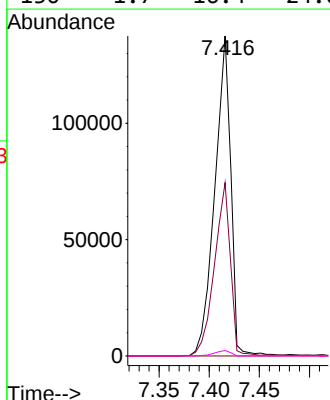
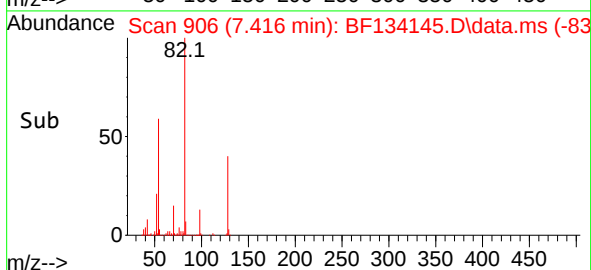


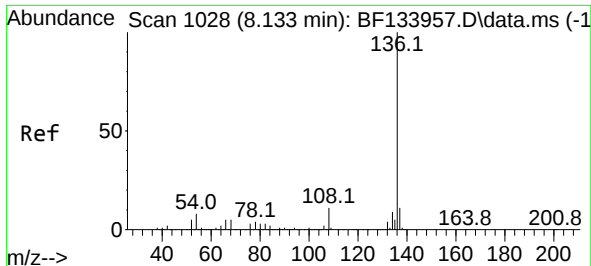
#19
n-Nitroso-di-n-propylamine
Concen: 22.438 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.147 min
Lab File: BF134145.D
Acq: 08 Jul 2023 13:11



Tgt Ion: 70 Resp: 152418

Ion	Ratio	Lower	Upper
70	100		
42	54.1	54.7	82.1#
101	0.0	7.7	11.5#
130	1.7	16.4	24.6#

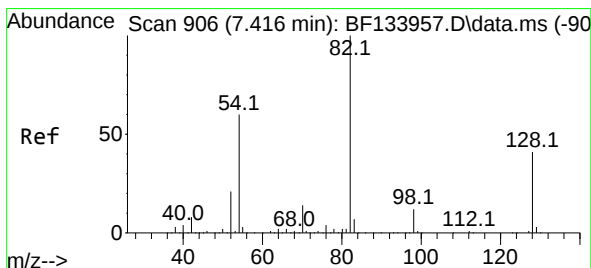
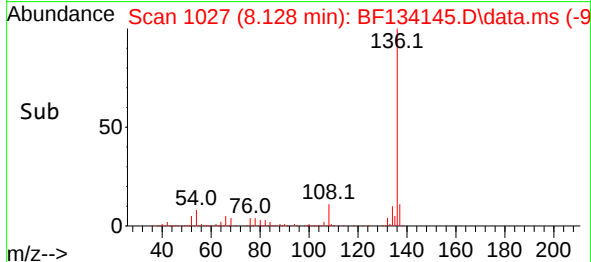
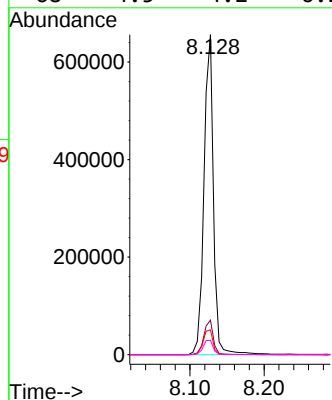
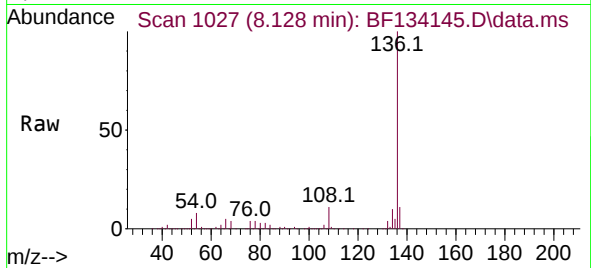




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134145.D
Acq: 08 Jul 2023 13:11

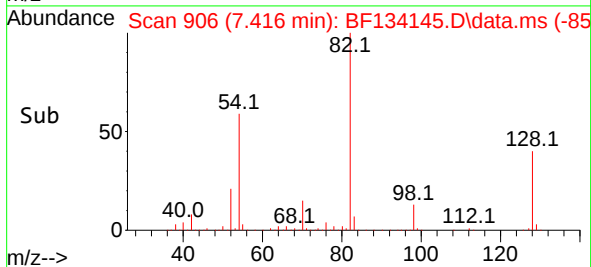
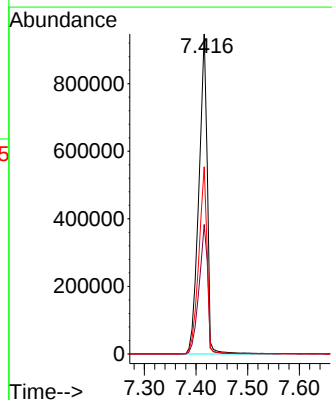
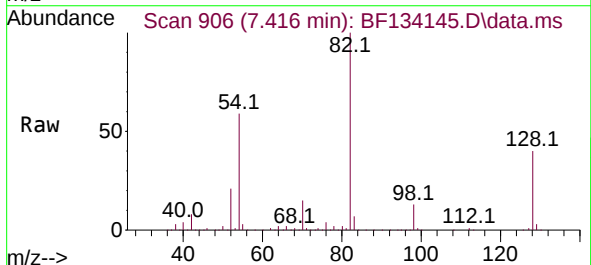
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 582195
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.8 6.5 9.7
68 4.5 4.2 6.2



#23
Nitrobenzene-d5
Concen: 99.007 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134145.D
Acq: 08 Jul 2023 13:11

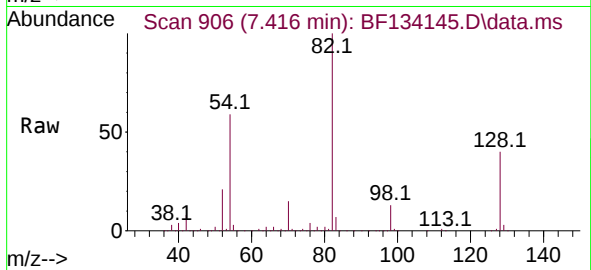
Tgt Ion: 82 Resp: 1069311
Ion Ratio Lower Upper
82 100
128 40.5 32.5 48.7
54 58.5 48.2 72.2



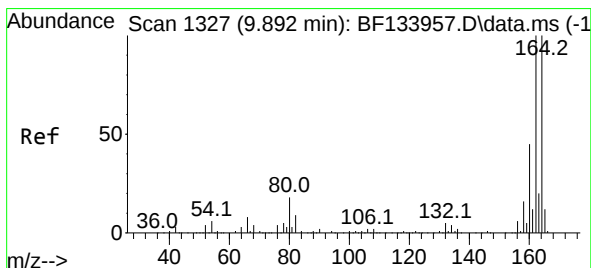
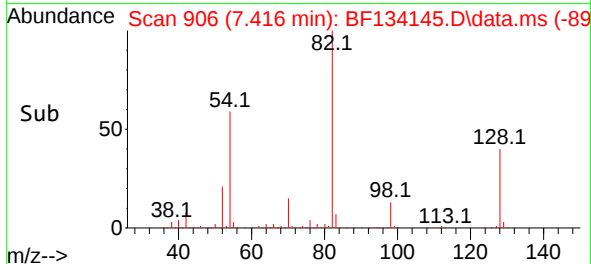
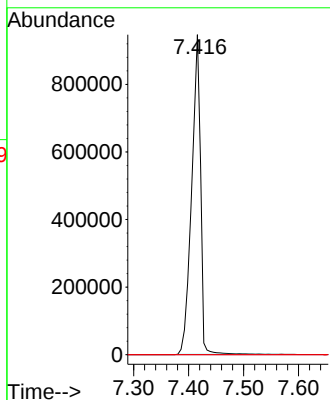


#25
Isophorone
Concen: 53.866 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF134145.D
Acq: 08 Jul 2023 13:11

Instrument :
BNA_F
ClientSampleId :

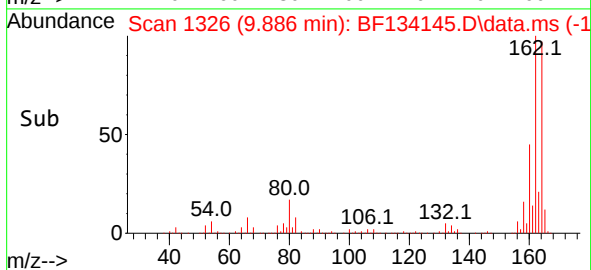
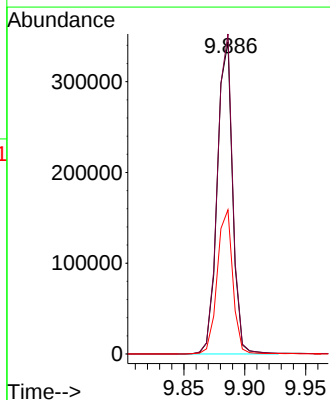
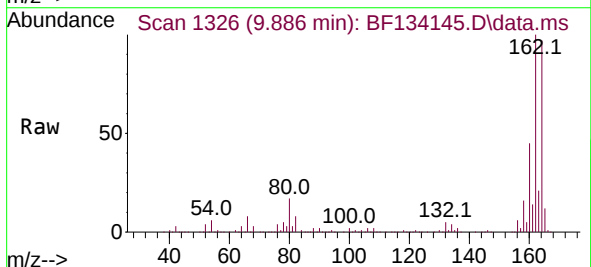


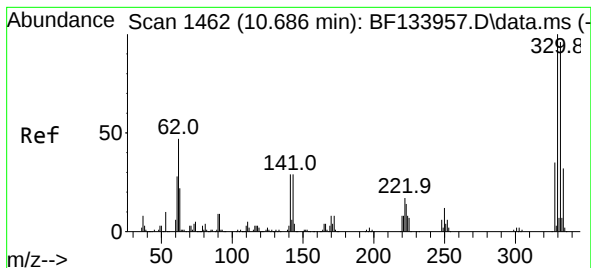
Tgt Ion: 82 Resp: 1057317
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF134145.D
Acq: 08 Jul 2023 13:11

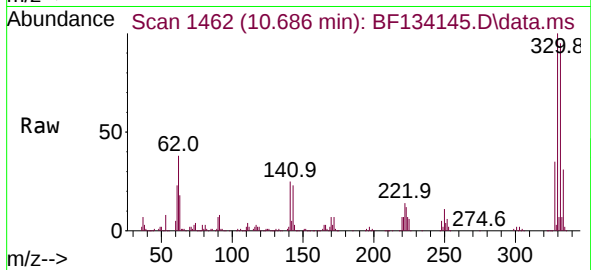
Tgt Ion:164 Resp: 302635
Ion Ratio Lower Upper
164 100
162 102.6 80.0 120.0
160 46.2 35.9 53.9



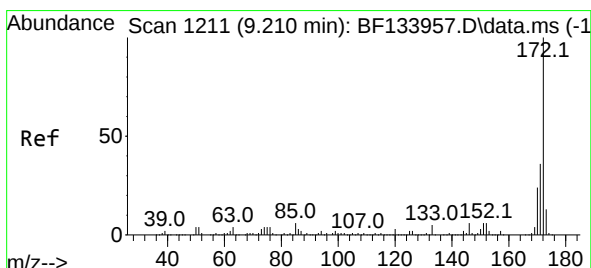
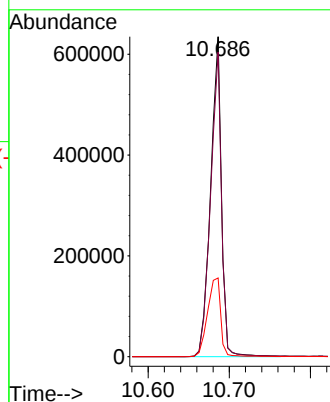
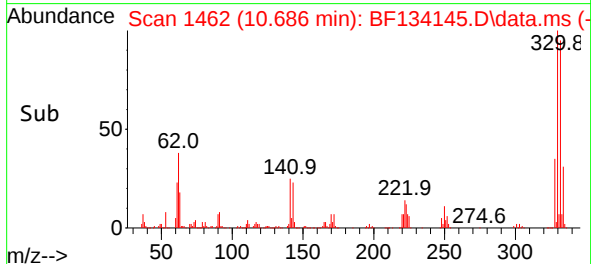


#42
2,4,6-Tribromophenol
Concen: 155.516 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134145.D
Acq: 08 Jul 2023 13:11

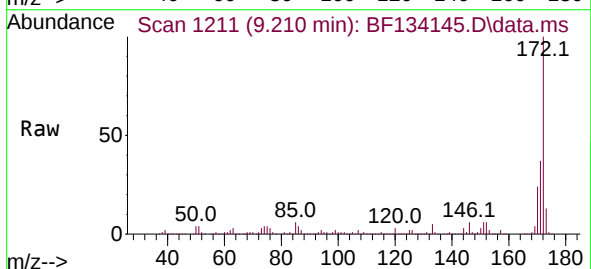
Instrument :
BNA_F
ClientSampleId :



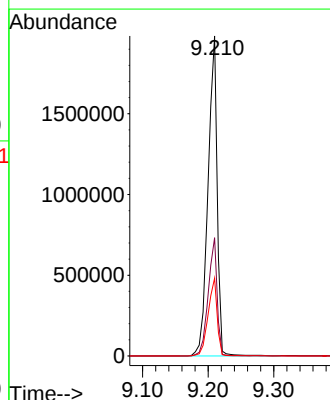
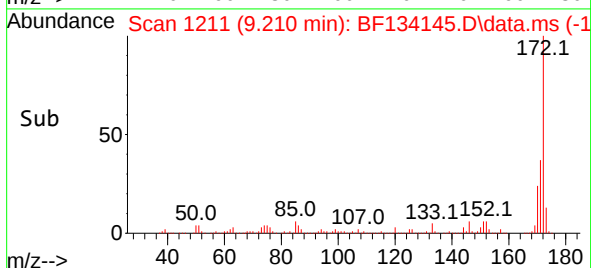
Tgt Ion:330 Resp: 590097
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 29.9 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 92.642 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.000 min
Lab File: BF134145.D
Acq: 08 Jul 2023 13:11



Tgt Ion:172 Resp: 1928387
Ion Ratio Lower Upper
172 100
171 37.0 28.6 43.0
170 24.3 19.4 29.0





#51

2,6-Dinitrotoluene

Concen: 8.470 ng

RT: 9.886 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF134145.D

Acq: 08 Jul 2023 13:11

Instrument :

BNA_F

ClientSampleId :

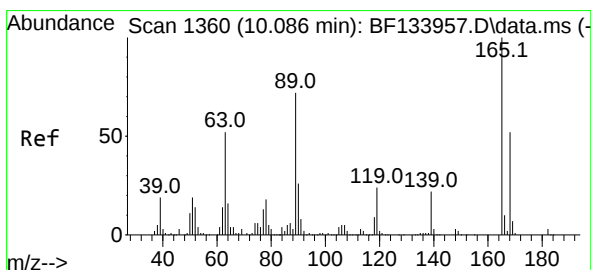
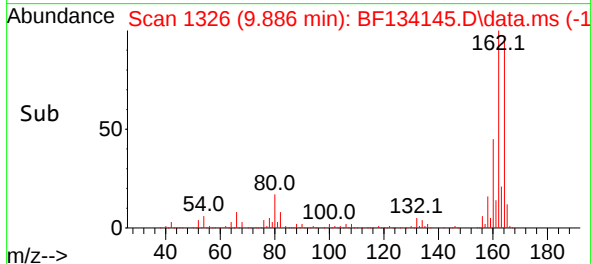
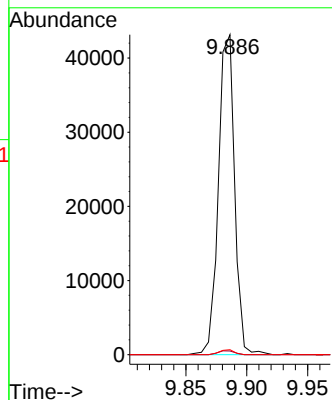
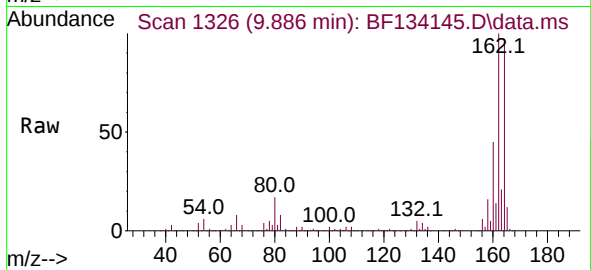
Tgt Ion:165 Resp: 40078

Ion Ratio Lower Upper

165 100

63 1.1 48.5 72.7#

89 1.5 45.5 68.3#



#57

2,4-Dinitrotoluene

Concen: 6.414 ng

RT: 9.886 min Scan# 1326

Delta R.T. -0.200 min

Lab File: BF134145.D

Acq: 08 Jul 2023 13:11

Tgt Ion:165 Resp: 40078

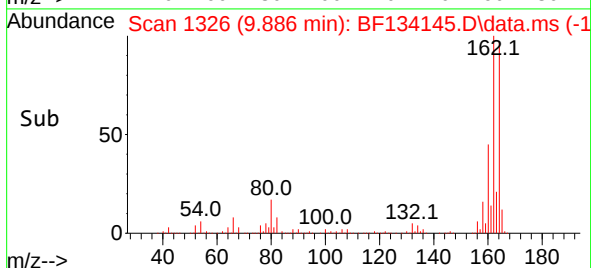
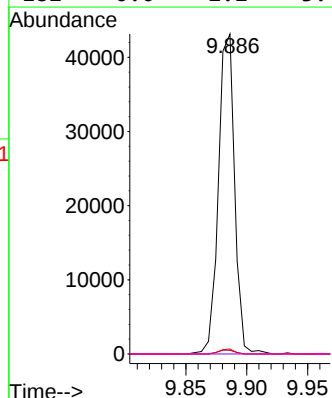
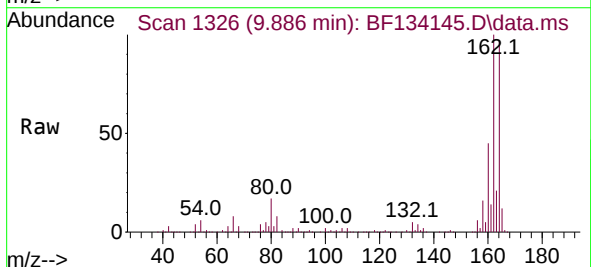
Ion Ratio Lower Upper

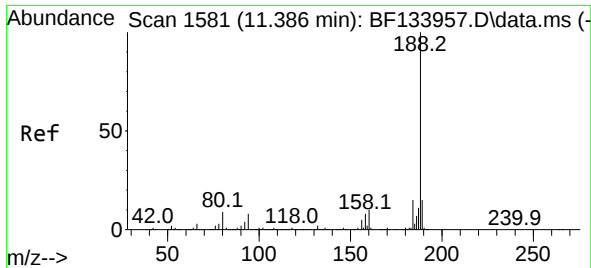
165 100

63 1.1 42.2 63.2#

89 1.5 57.4 86.2#

182 0.0 2.2 3.4#

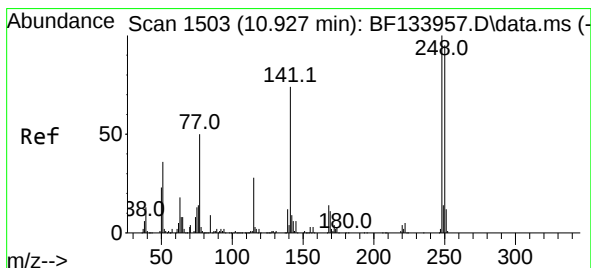
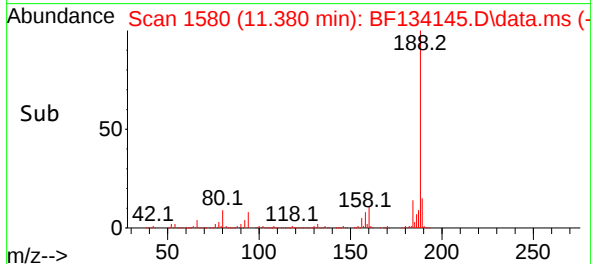
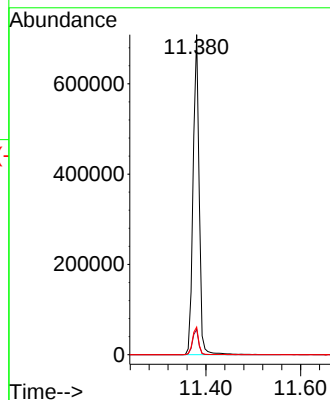
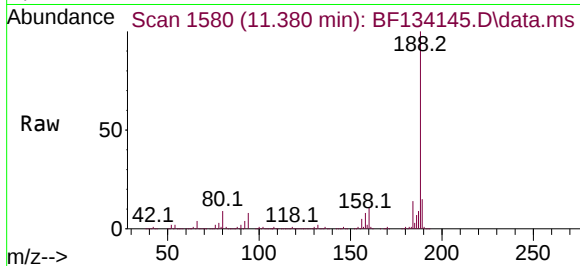




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134145.D
Acq: 08 Jul 2023 13:11

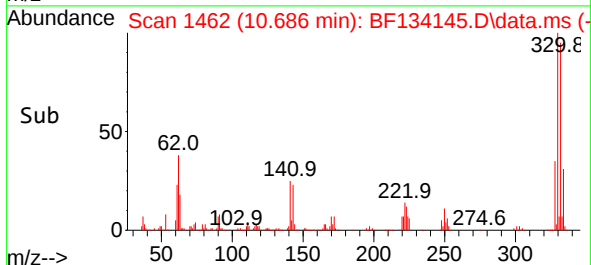
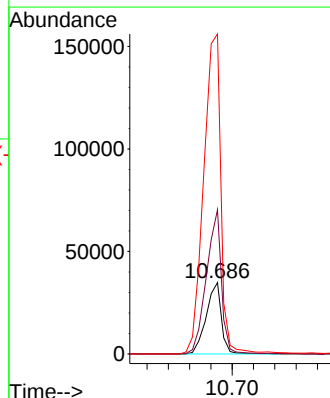
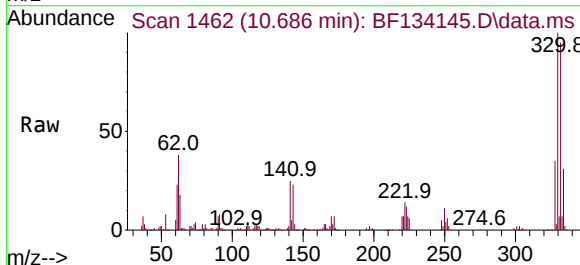
Instrument :
BNA_F
ClientSampleId :

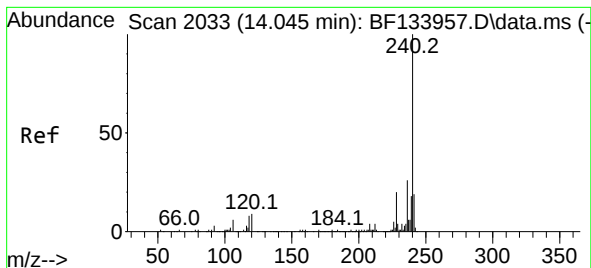
Tgt Ion:188 Resp: 628567
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.6 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 5.165 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.241 min
Lab File: BF134145.D
Acq: 08 Jul 2023 13:11

Tgt Ion:248 Resp: 34504
Ion Ratio Lower Upper
248 100
250 201.9 76.2 114.4#
141 447.9 59.0 88.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2033

Delta R.T. -0.012 min

Lab File: BF134145.D

Acq: 08 Jul 2023 13:11

Instrument :

BNA_F

ClientSampleId :

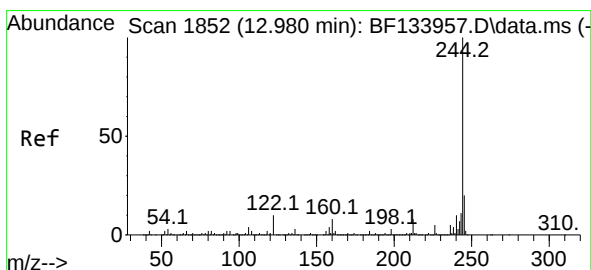
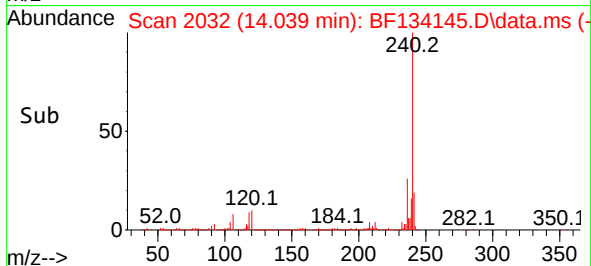
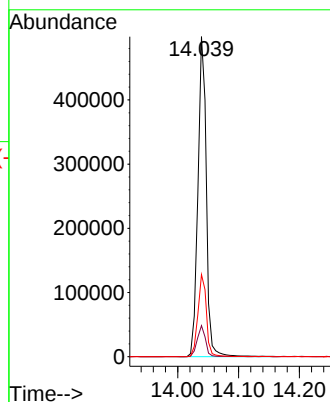
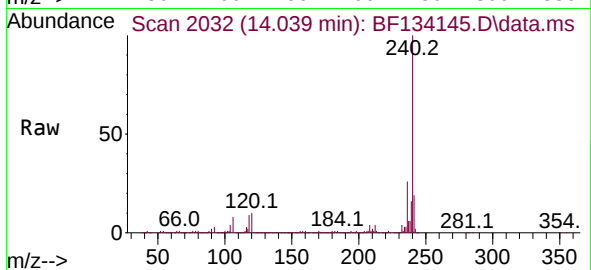
Tgt Ion:240 Resp: 477604

Ion Ratio Lower Upper

240 100

120 9.7 7.4 11.0

236 25.6 21.0 31.6



#79

Terphenyl-d14

Concen: 87.704 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF134145.D

Acq: 08 Jul 2023 13:11

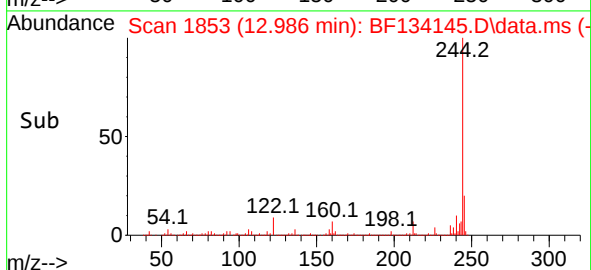
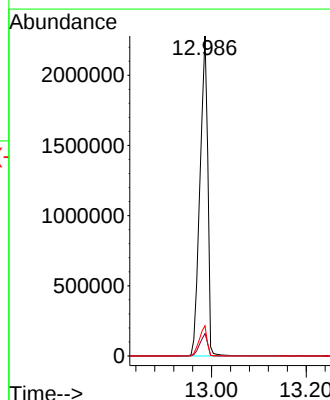
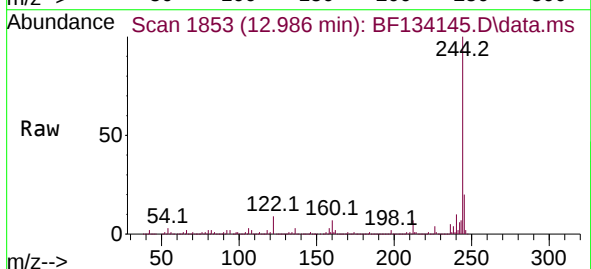
Tgt Ion:244 Resp: 2602661

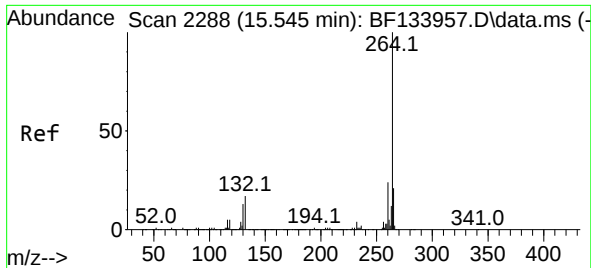
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

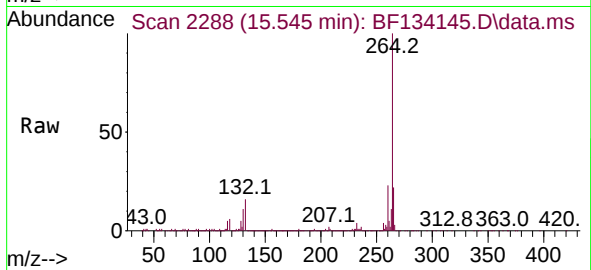
122 9.4 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF134145.D
 Acq: 08 Jul 2023 13:11

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:264 Resp: 428766
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.6 16.6 25.0

