

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135187.D
 Acq On : 12 Sep 2023 18:14
 Operator : CG\JU
 Sample : 04305-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9-5-23-EPH

Quant Time: Sep 13 02:43:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 00:19:07 2023
 Response via : Initial Calibration

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

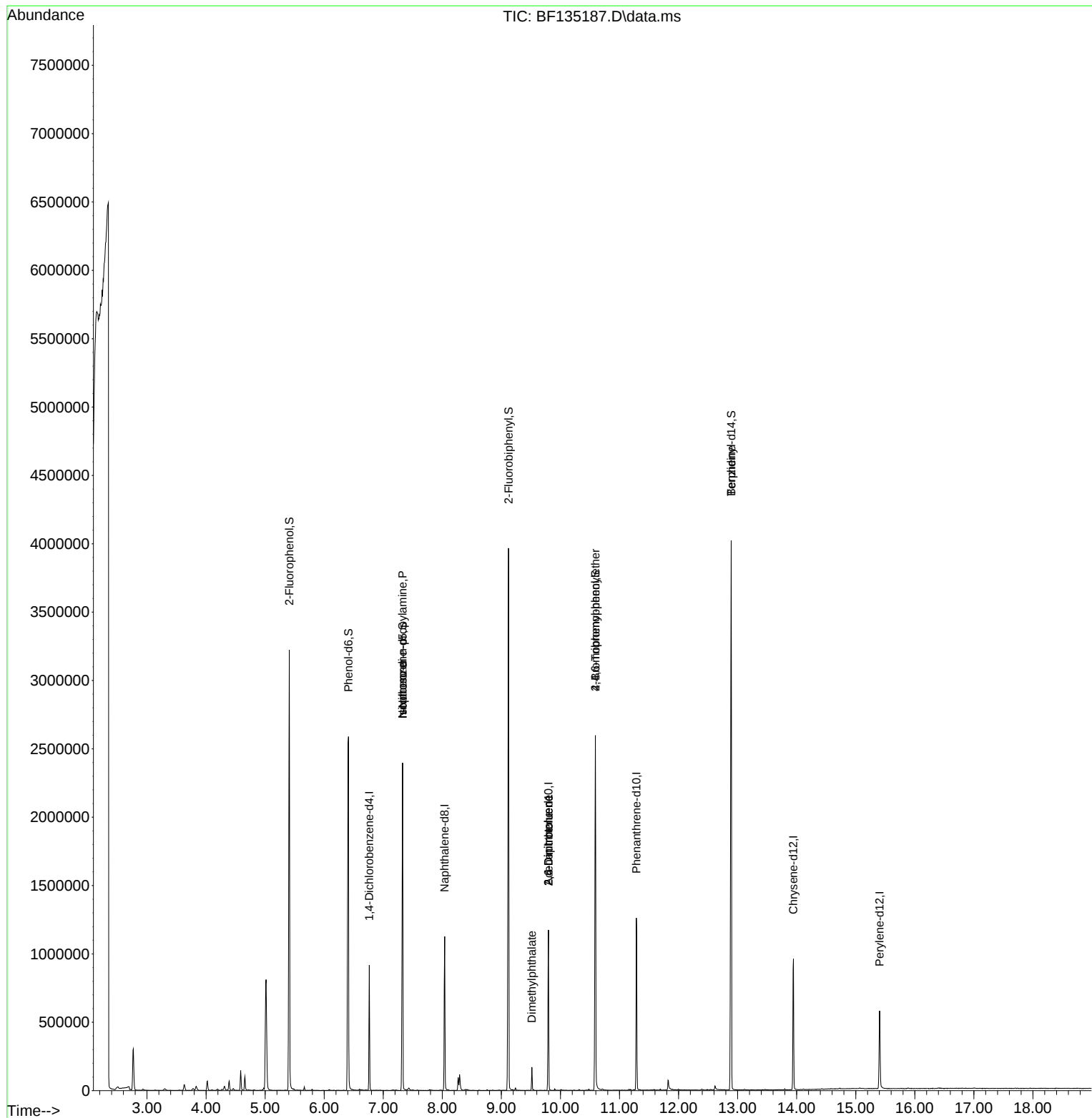
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	114305	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	458773	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	231340	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	478207	20.000	ng	0.00
76) Chrysene-d12	13.945	240	339773	20.000	ng	0.00
86) Perylene-d12	15.404	264	273270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	874433	124.423	ng	0.02
7) Phenol-d6	6.410	99	1004332	112.387	ng	0.00
23) Nitrobenzene-d5	7.328	82	776545	91.961	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	351831	153.039	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1346096	87.788	ng	0.00
79) Terphenyl-d14	12.892	244	1642488	74.937	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.328	70	103458	18.691	ng	# 80
25) Isophorone	7.328	82	774642	49.958	ng	# 65
50) Dimethylphthalate	9.516	163	60084	3.841	ng	99
51) 2,6-Dinitrotoluene	9.798	165	29738	8.679	ng	# 17
57) 2,4-Dinitrotoluene	9.798	165	29738	6.933	ng	# 18
67) 4-Bromophenyl-phenylether	10.592	248	22074	4.641	ng	# 1
77) Benzidine	12.892	184	19735	2.835	ng	# 90

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

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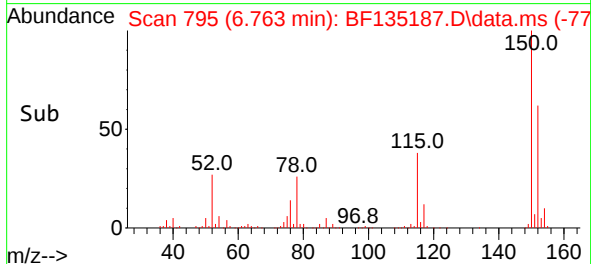
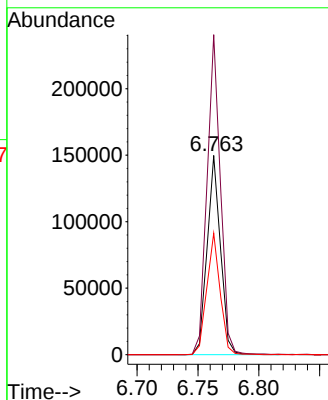
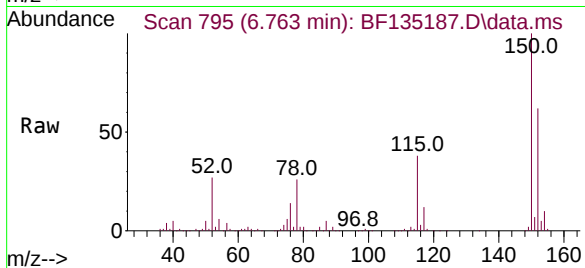




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.763 min Scan# 795
Delta R.T. -0.000 min
Lab File: BF135187.D
Acq: 12 Sep 2023 18:14

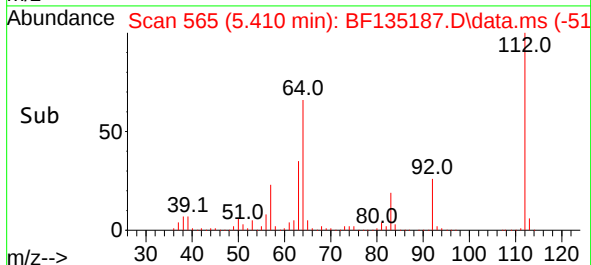
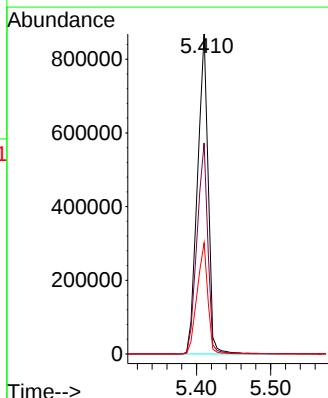
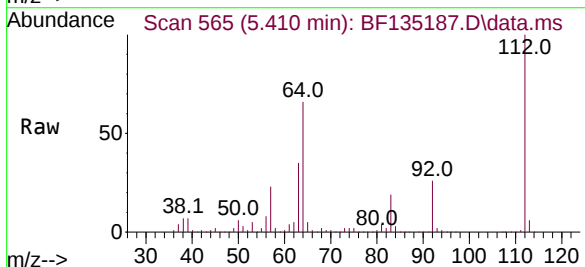
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPH

Tgt Ion:152 Resp: 114305
Ion Ratio Lower Upper
152 100
150 160.6 127.8 191.6
115 61.0 49.8 74.8



#5
2-Fluorophenol
Concen: 124.423 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.024 min
Lab File: BF135187.D
Acq: 12 Sep 2023 18:14

Tgt Ion:112 Resp: 874433
Ion Ratio Lower Upper
112 100
64 66.0 55.9 83.9
63 34.7 29.0 43.6

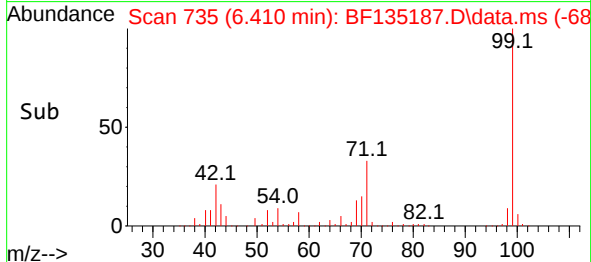
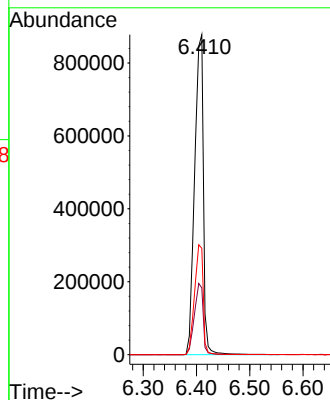
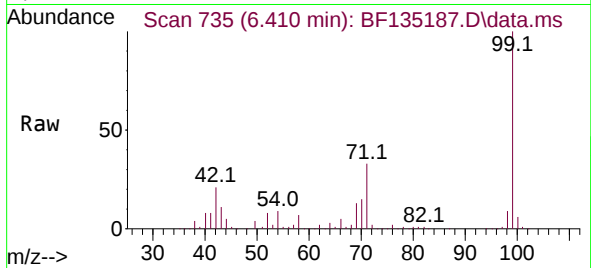




#7
Phenol-d6
Concen: 112.387 ng
RT: 6.410 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF135187.D
Acq: 12 Sep 2023 18:14

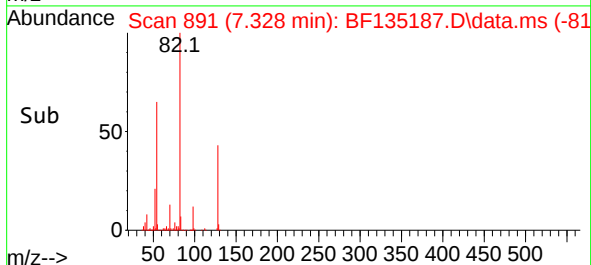
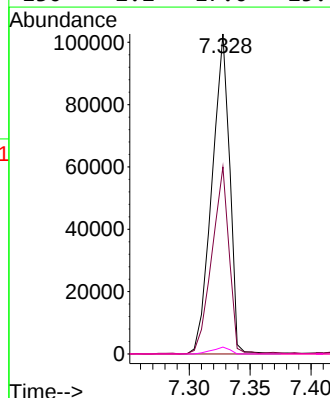
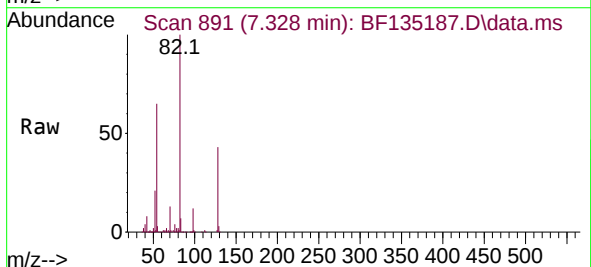
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPH

Tgt Ion: 99 Resp: 1004332
Ion Ratio Lower Upper
99 100
42 20.9 17.9 26.9
71 33.2 27.0 40.6



#19
n-Nitroso-di-n-propylamine
Concen: 18.691 ng
RT: 7.328 min Scan# 891
Delta R.T. 0.141 min
Lab File: BF135187.D
Acq: 12 Sep 2023 18:14

Tgt Ion: 70 Resp: 103458
Ion Ratio Lower Upper
70 100
42 58.4 55.4 83.0
101 0.0 7.7 11.5#
130 2.2 17.0 25.6#

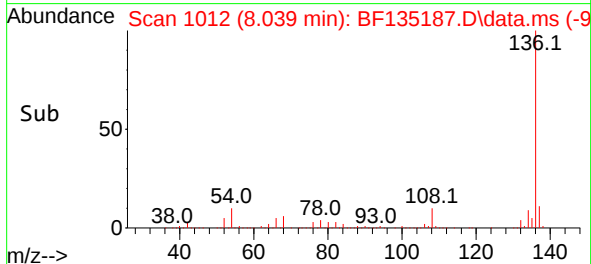
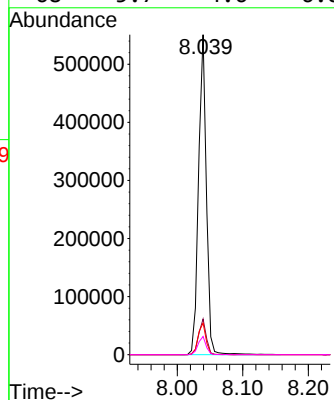
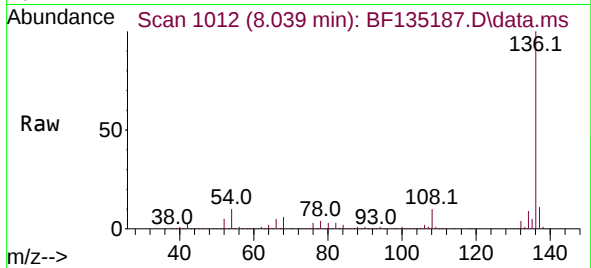




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135187.D
Acq: 12 Sep 2023 18:14

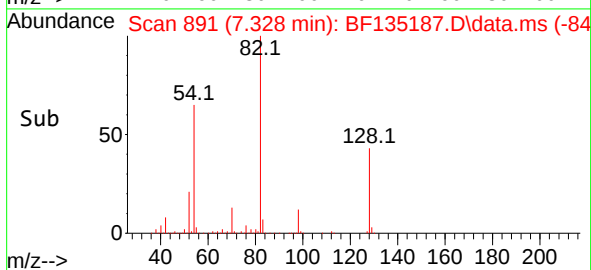
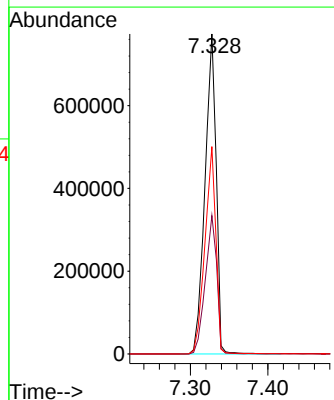
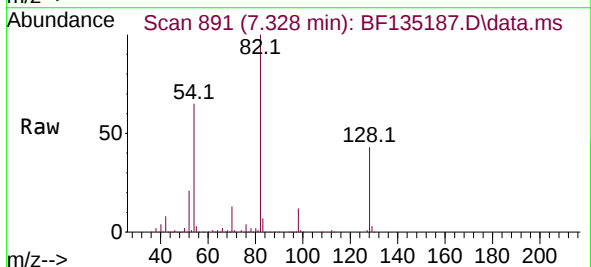
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPH

Tgt Ion:136 Resp: 458773
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.9 7.7 11.5
68 5.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 91.961 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF135187.D
Acq: 12 Sep 2023 18:14

Tgt Ion: 82 Resp: 776545
Ion Ratio Lower Upper
82 100
128 43.3 35.8 53.6
54 64.8 50.6 76.0

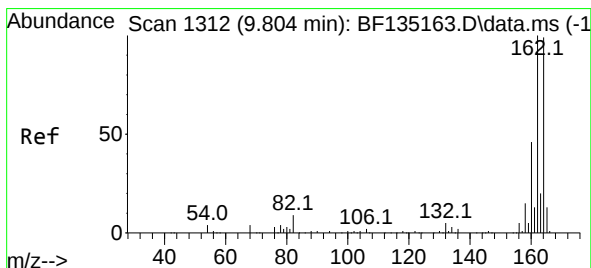
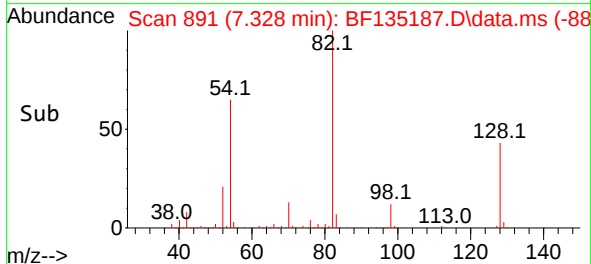
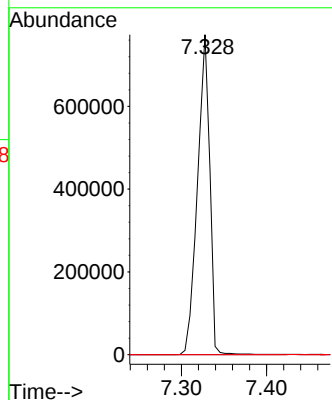
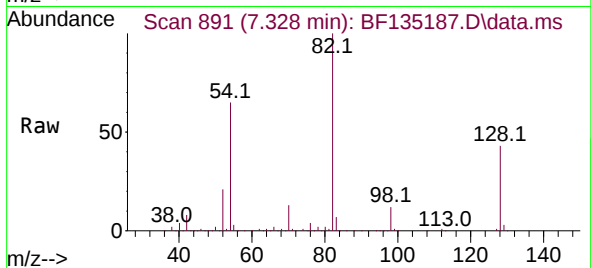




#25
Isophorone
Concen: 49.958 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.265 min
Lab File: BF135187.D
Acq: 12 Sep 2023 18:14

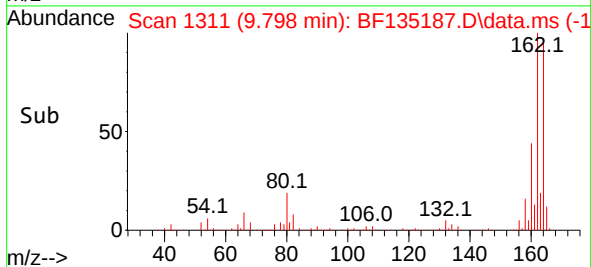
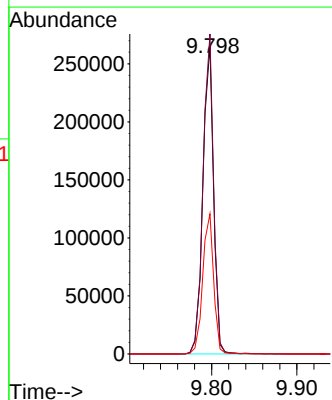
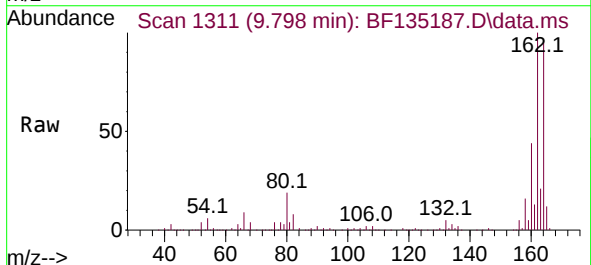
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPH

Tgt Ion: 82 Resp: 774642
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.798 min Scan# 1311
Delta R.T. -0.006 min
Lab File: BF135187.D
Acq: 12 Sep 2023 18:14

Tgt Ion:164 Resp: 231340
Ion Ratio Lower Upper
164 100
162 103.8 81.0 121.4
160 45.5 37.0 55.4





#42

2,4,6-Tribromophenol

Concen: 153.039 ng

RT: 10.592 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF135187.D

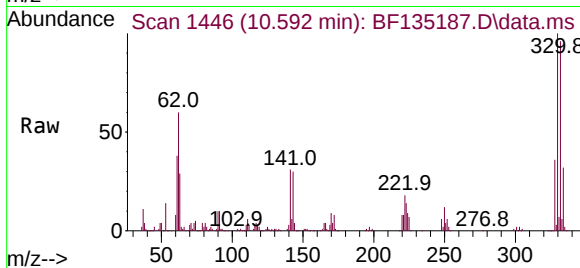
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Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPH



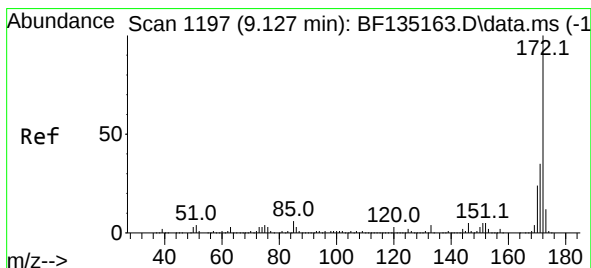
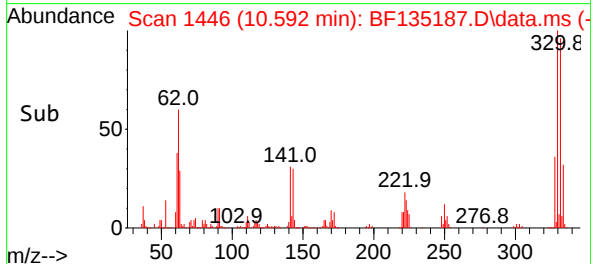
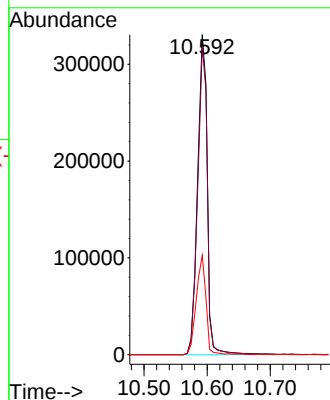
Tgt Ion:330 Resp: 351831

Ion Ratio Lower Upper

330 100

332 96.0 77.3 115.9

141 31.2 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 87.788 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF135187.D

Acq: 12 Sep 2023 18:14

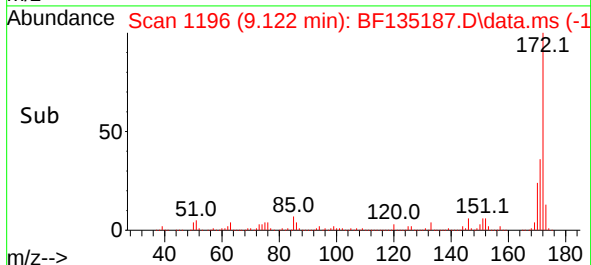
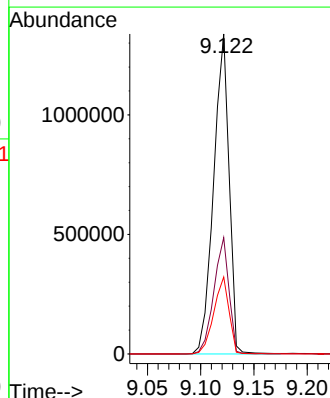
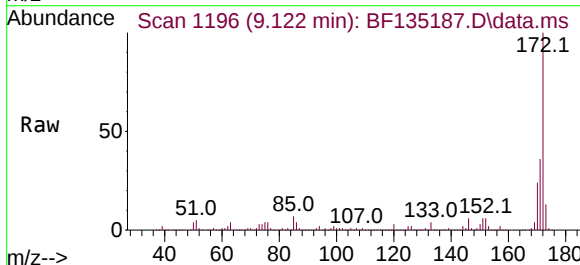
Tgt Ion:172 Resp: 1346096

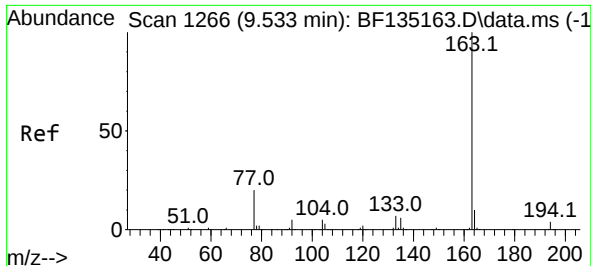
Ion Ratio Lower Upper

172 100

171 36.3 28.4 42.6

170 24.1 19.0 28.4

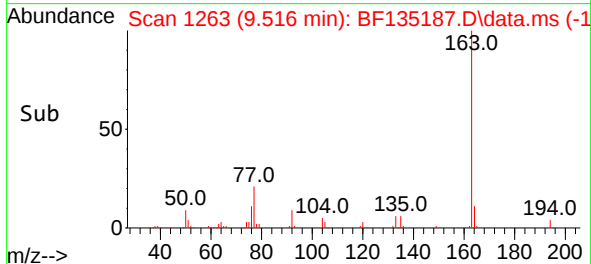
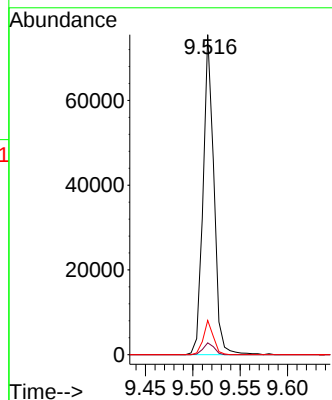
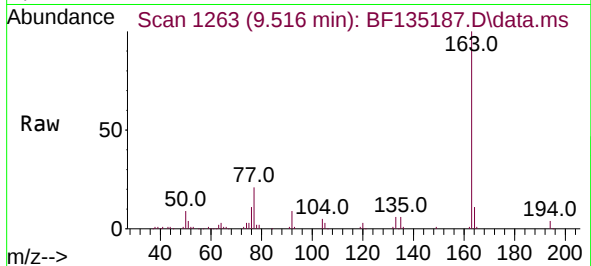




#50
Dimethylphthalate
Concen: 3.841 ng
RT: 9.516 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF135187.D
Acq: 12 Sep 2023 18:14

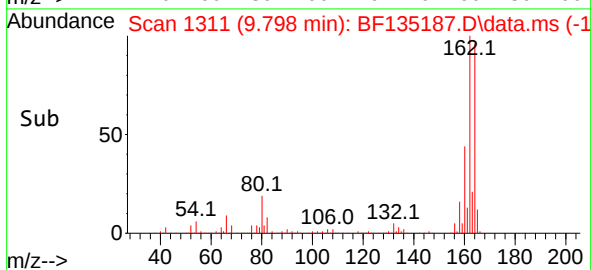
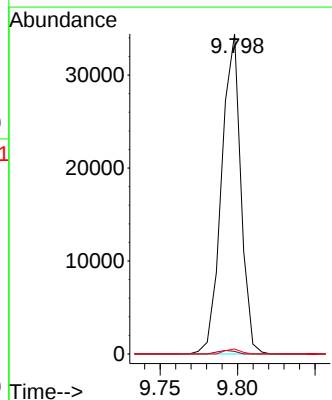
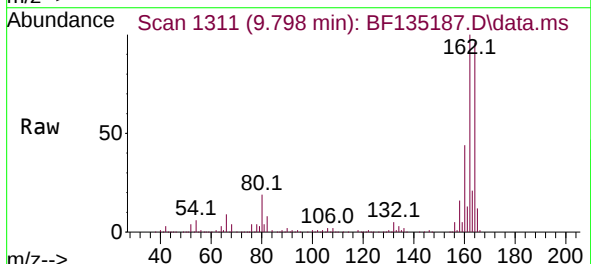
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPH

Tgt Ion:163 Resp: 60084
Ion Ratio Lower Upper
163 100
194 3.7 3.1 4.7
164 10.7 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 8.679 ng
RT: 9.798 min Scan# 1311
Delta R.T. 0.206 min
Lab File: BF135187.D
Acq: 12 Sep 2023 18:14

Tgt Ion:165 Resp: 29738
Ion Ratio Lower Upper
165 100
63 0.8 59.4 89.2#
89 1.6 49.8 74.8#

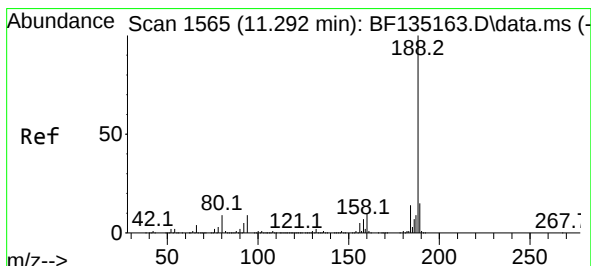
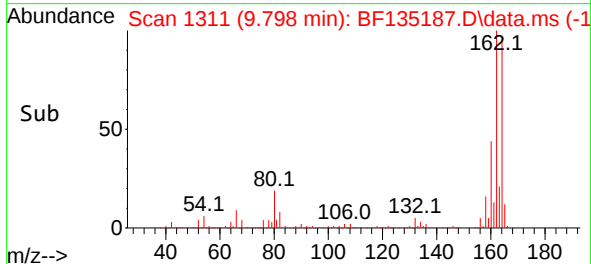
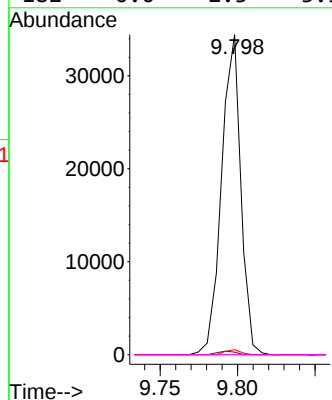
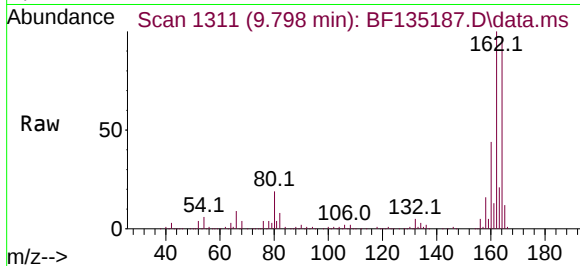




#57
2,4-Dinitrotoluene
Concen: 6.933 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF135187.D
Acq: 12 Sep 2023 18:14

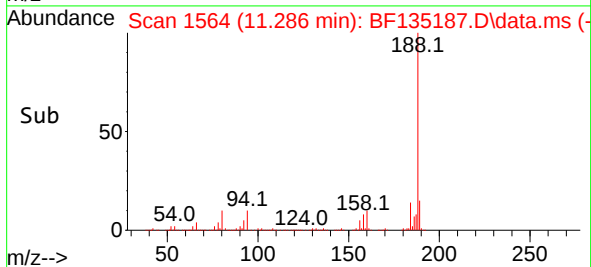
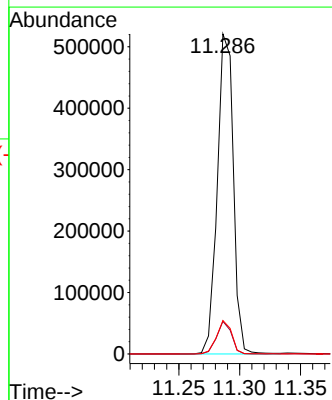
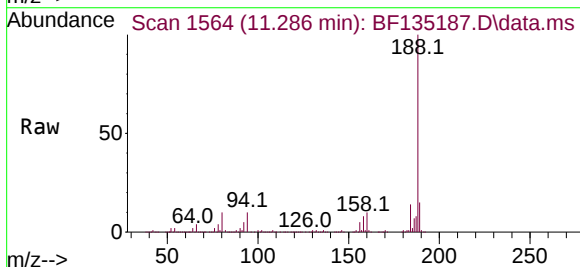
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ClientSampleId :
TP-9-5-23-EPH

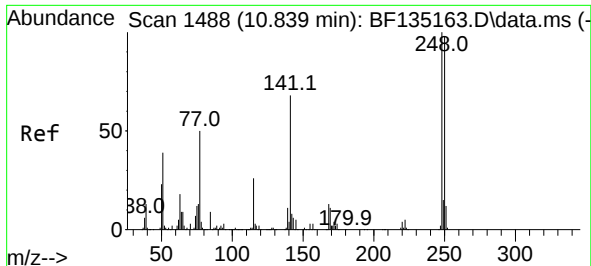
Tgt Ion:165 Resp: 29738
Ion Ratio Lower Upper
165 100
63 0.8 50.1 75.1#
89 1.6 59.3 88.9#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.006 min
Lab File: BF135187.D
Acq: 12 Sep 2023 18:14

Tgt Ion:188 Resp: 478207
Ion Ratio Lower Upper
188 100
94 10.2 7.0 10.6
80 10.5 7.5 11.3

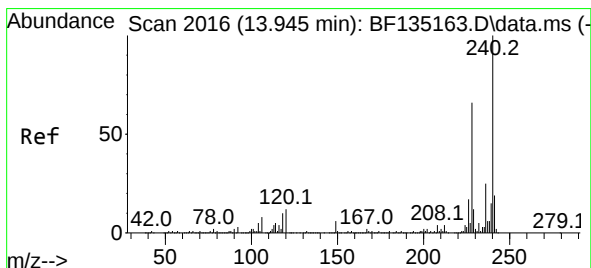
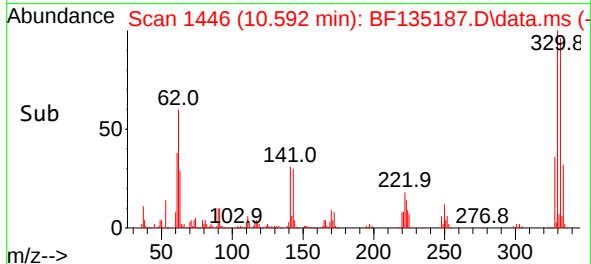
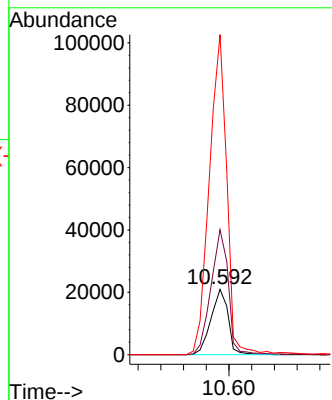
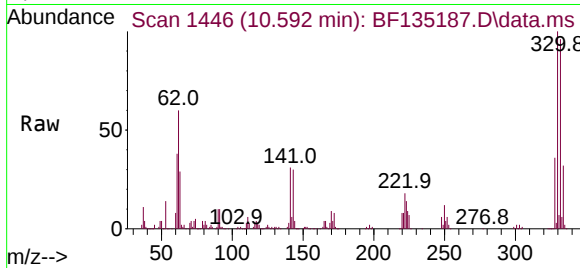




#67
4-Bromophenyl-phenylether
Concen: 4.641 ng
RT: 10.592 min Scan# 1488
Delta R.T. -0.247 min
Lab File: BF135187.D
Acq: 12 Sep 2023 18:14

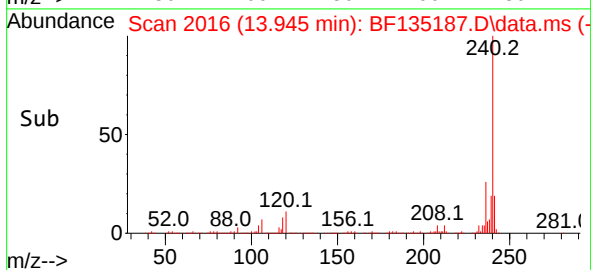
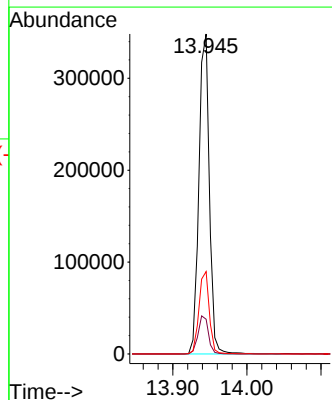
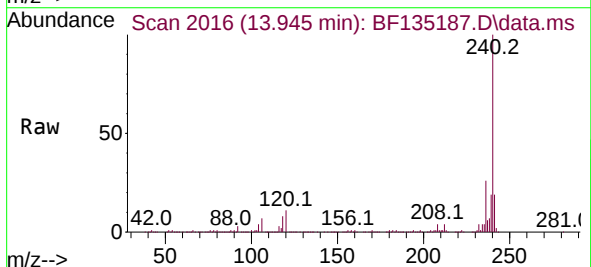
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPH

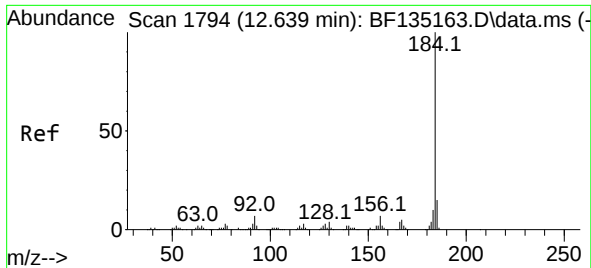
Tgt Ion:248 Resp: 22074
Ion Ratio Lower Upper
248 100
250 191.1 78.6 117.8#
141 489.7 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF135187.D
Acq: 12 Sep 2023 18:14

Tgt Ion:240 Resp: 339773
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 25.8 19.8 29.8

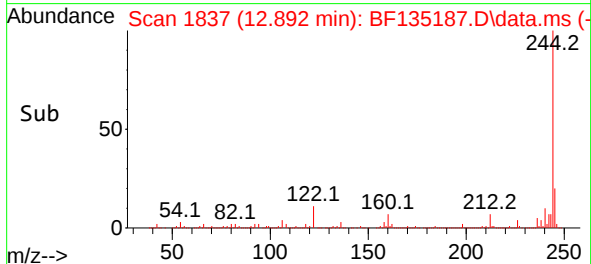
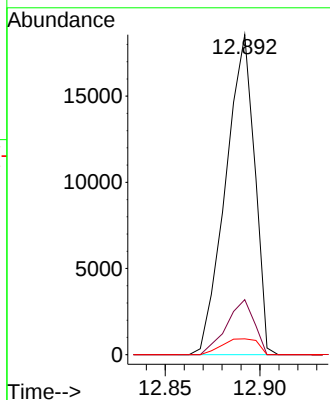
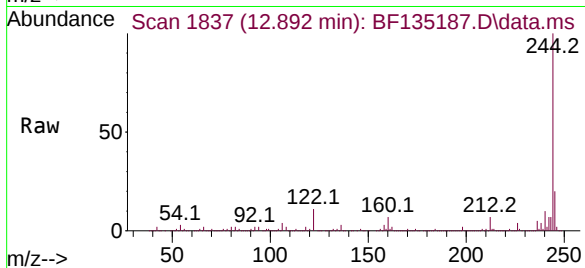




#77
Benzidine
Concen: 2.835 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF135187.D
Acq: 12 Sep 2023 18:14

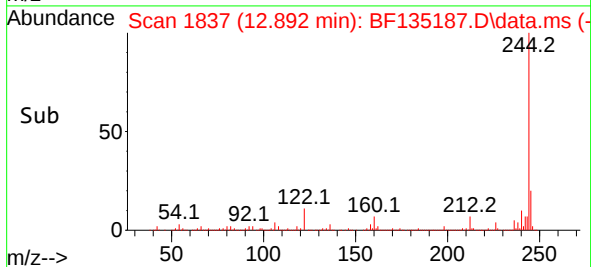
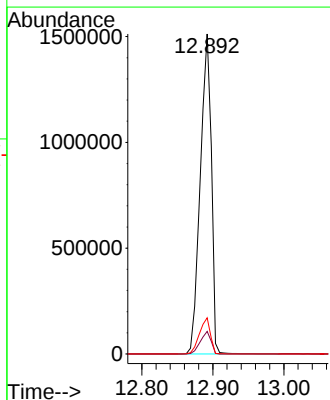
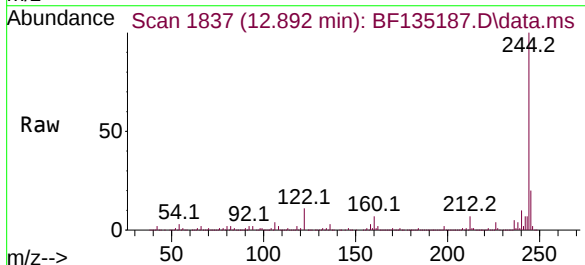
Instrument :
BNA_F
ClientSampleId :
TP-9-5-23-EPH

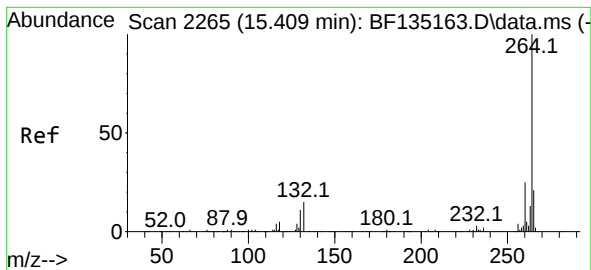
Tgt Ion:184 Resp: 19735
Ion Ratio Lower Upper
184 100
185 17.2 11.7 17.5
183 4.9 8.2 12.4#



#79
Terphenyl-d14
Concen: 74.937 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF135187.D
Acq: 12 Sep 2023 18:14

Tgt Ion:244 Resp: 1642488
Ion Ratio Lower Upper
244 100
212 7.1 5.1 7.7
122 11.3 7.9 11.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF135187.D

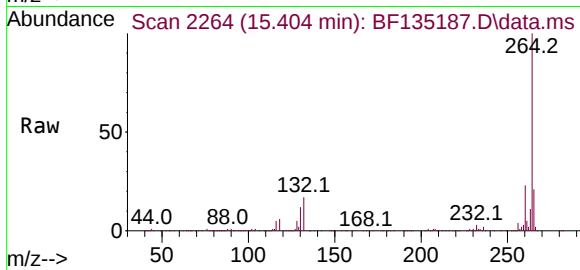
Acq: 12 Sep 2023 18:14

Instrument :

BNA_F

ClientSampleId :

TP-9-5-23-EPH



Tgt Ion:264 Resp: 273270

Ion Ratio Lower Upper

264 100

260 23.3 19.8 29.6

265 21.3 17.0 25.4

