

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
 Data File : BF139399.D
 Acq On : 17 Sep 2024 13:48
 Operator : RC/JU
 Sample : P3905-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Sep 17 14:10:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

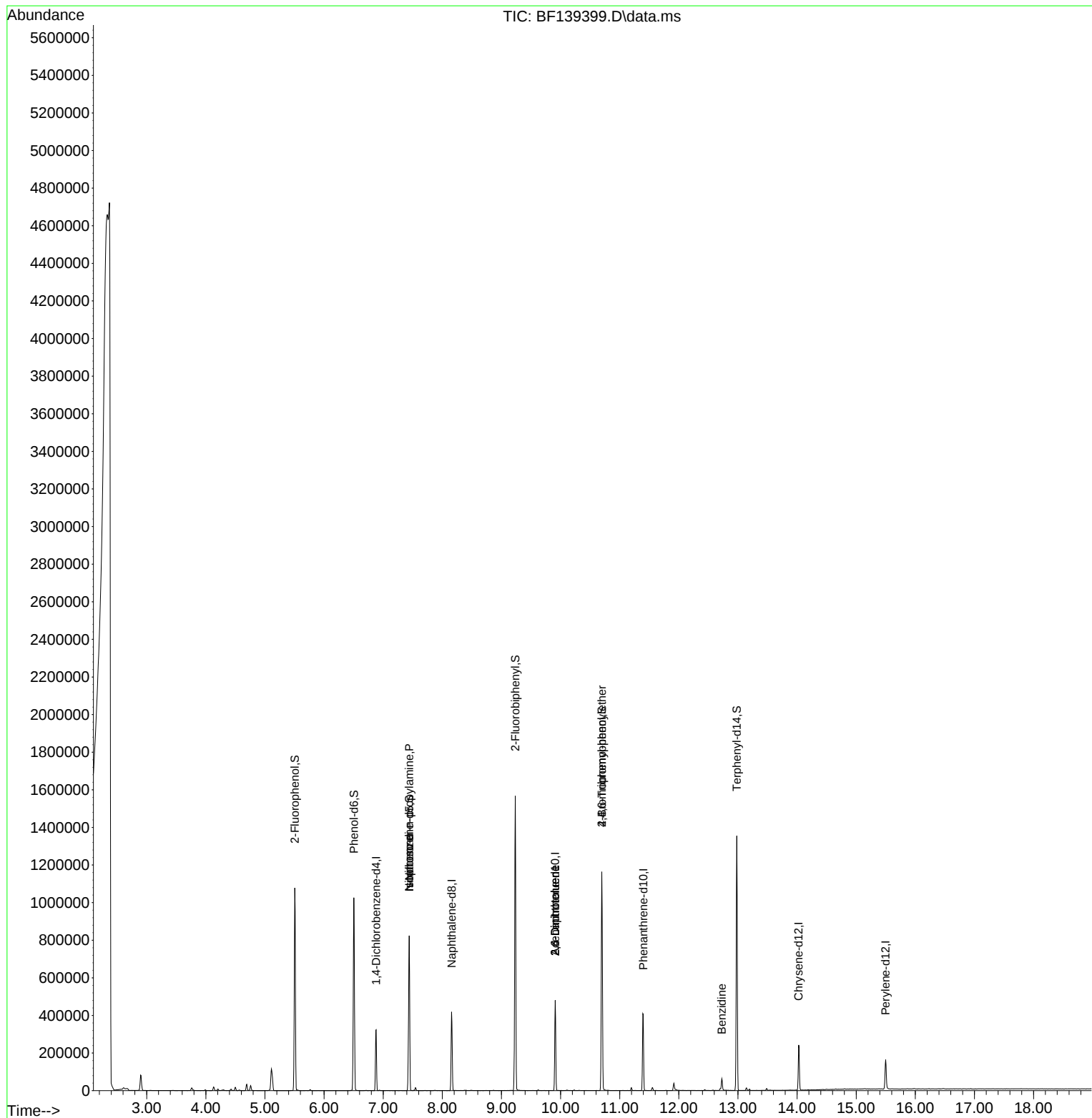
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	63471	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	237287	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	134667	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	219233	20.000	ng	0.00
76) Chrysene-d12	14.027	240	113603	20.000	ng	0.00
86) Perylene-d12	15.498	264	91031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	339288	87.205	ng	0.01
7) Phenol-d6	6.504	99	416988	81.653	ng	0.00
23) Nitrobenzene-d5	7.439	82	345919	68.534	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	170995	119.269	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	658409	68.571	ng	0.00
79) Terphenyl-d14	12.980	244	628181	90.763	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	49780	16.449	ng	Qvalue 74
25) Isophorone	7.439	82	345916	43.334	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	17348	8.860	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	17348	6.562	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	11842	5.451	ng	# 1
77) Benzidine	12.727	184	33585	20.635	ng	99

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

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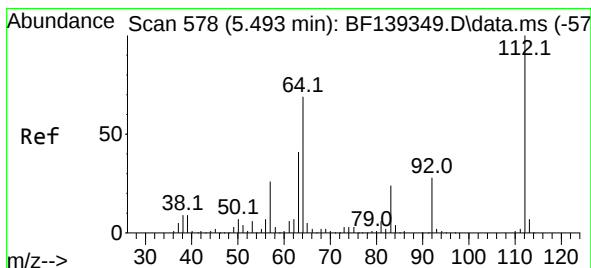
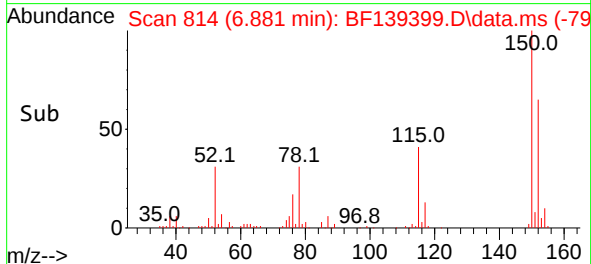
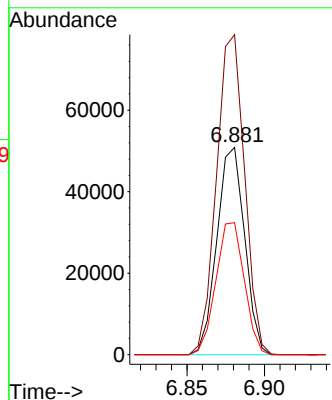
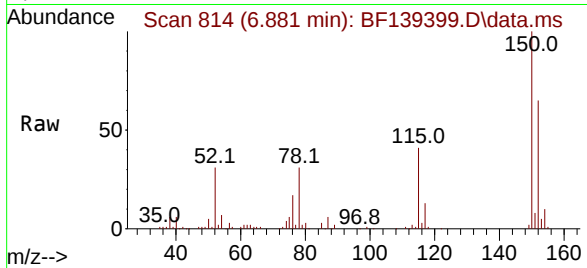




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139399.D
Acq: 17 Sep 2024 13:48

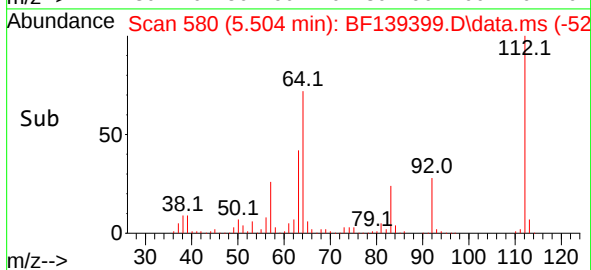
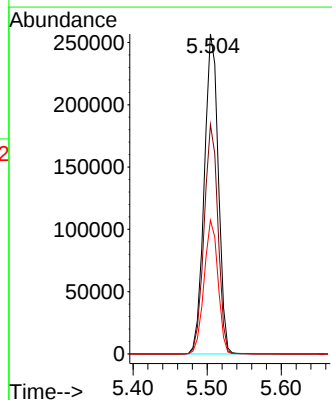
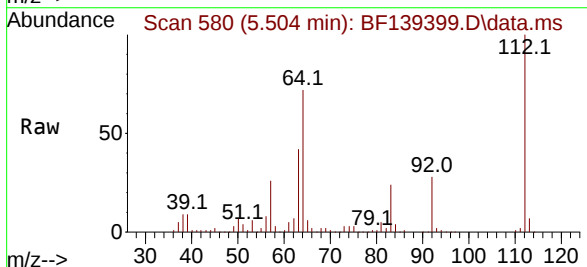
Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion:152 Resp: 63471
Ion Ratio Lower Upper
152 100
150 154.3 124.1 186.1
115 63.6 48.1 72.1



#5
2-Fluorophenol
Concen: 87.205 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139399.D
Acq: 17 Sep 2024 13:48

Tgt Ion:112 Resp: 339288
Ion Ratio Lower Upper
112 100
64 71.7 54.8 82.2
63 41.8 33.0 49.4

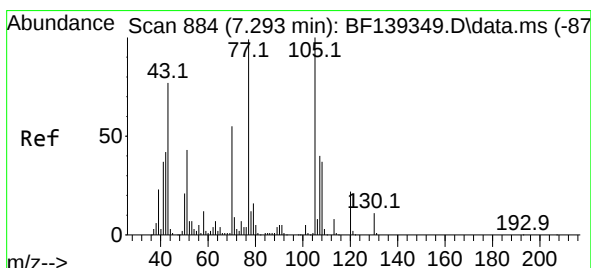
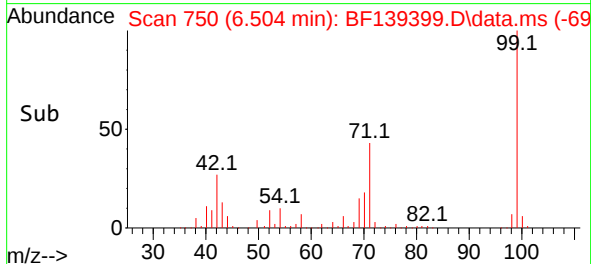
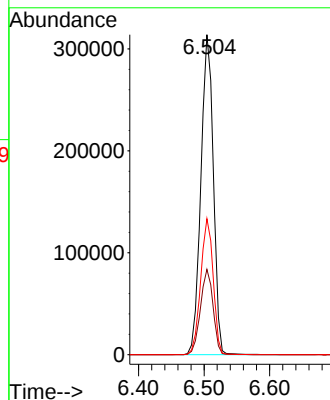
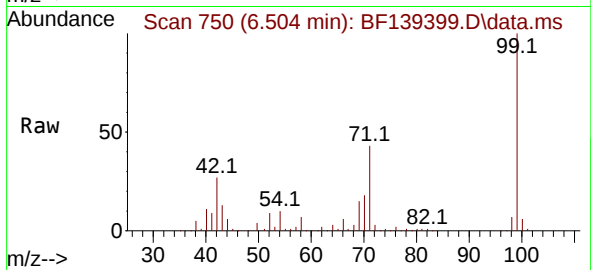




#7
Phenol-d6
Concen: 81.653 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139399.D
Acq: 17 Sep 2024 13:48

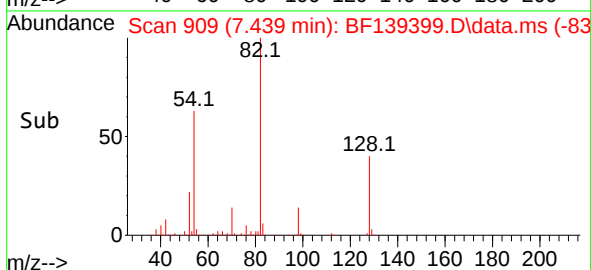
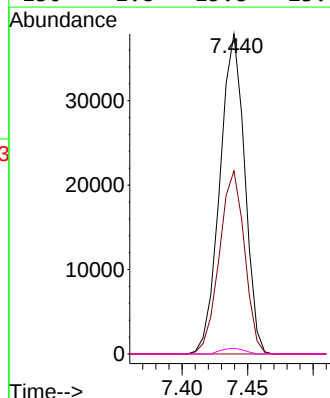
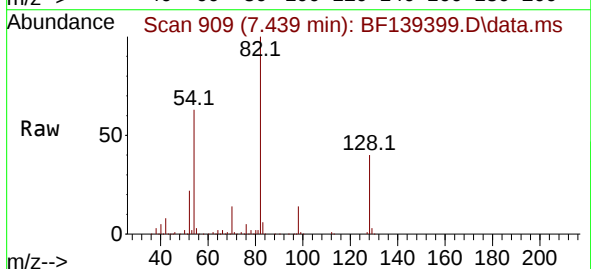
Instrument :
BNA_F
ClientSampleId :
COMP-1

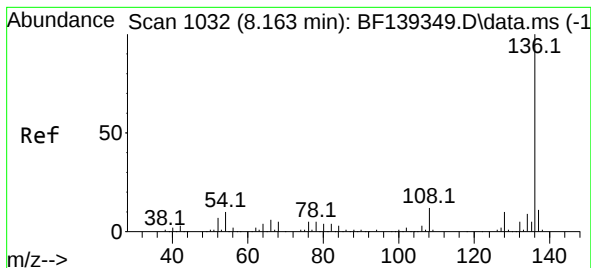
Tgt Ion: 99 Resp: 416988
Ion Ratio Lower Upper
99 100
42 26.7 21.9 32.9
71 42.5 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.449 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139399.D
Acq: 17 Sep 2024 13:48

Tgt Ion: 70 Resp: 49780
Ion Ratio Lower Upper
70 100
42 57.2 61.2 91.8#
101 0.0 7.5 11.3#
130 1.8 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF139399.D

Acq: 17 Sep 2024 13:48

Instrument :

BNA_F

ClientSampleId :

COMP-1

Tgt Ion:136 Resp: 237287

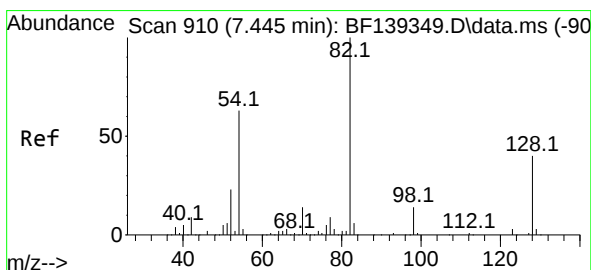
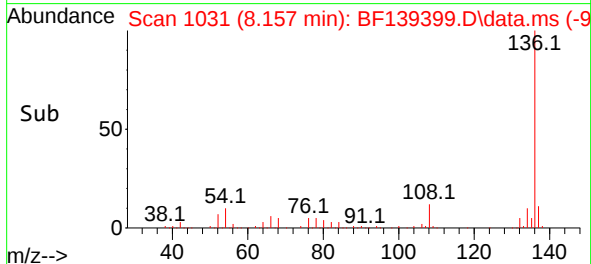
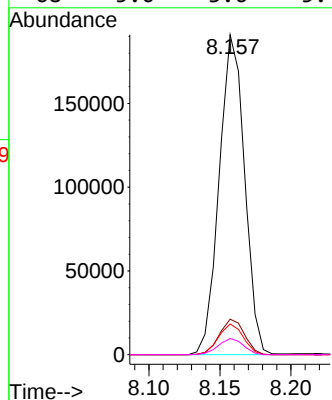
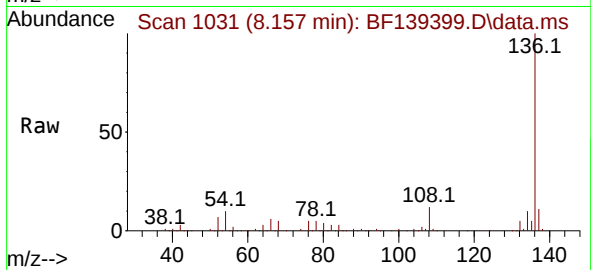
Ion Ratio Lower Upper

136 100

137 11.1 8.6 12.8

54 9.6 7.8 11.8

68 5.0 3.6 5.4



#23

Nitrobenzene-d5

Concen: 68.534 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139399.D

Acq: 17 Sep 2024 13:48

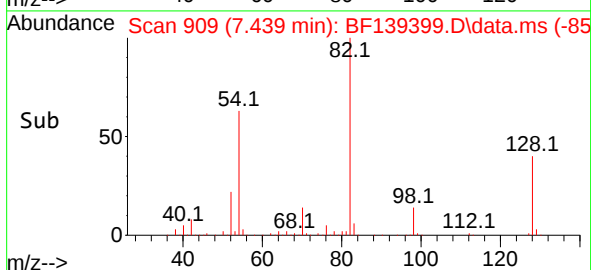
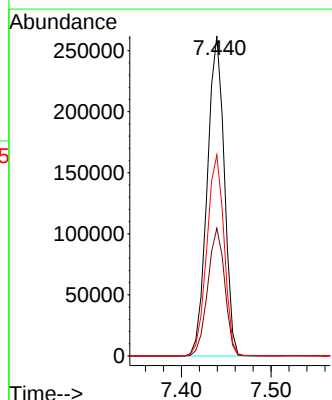
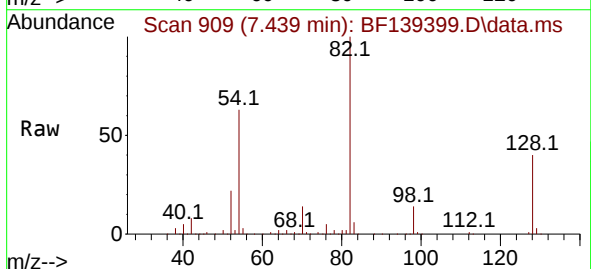
Tgt Ion: 82 Resp: 345919

Ion Ratio Lower Upper

82 100

128 39.9 31.8 47.6

54 62.9 50.6 75.8

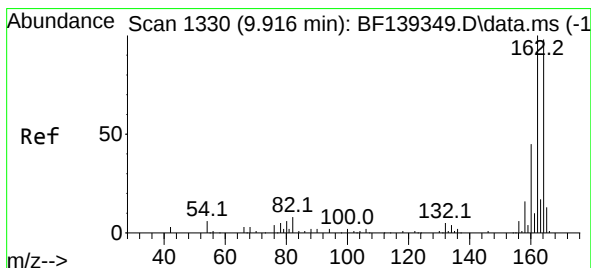
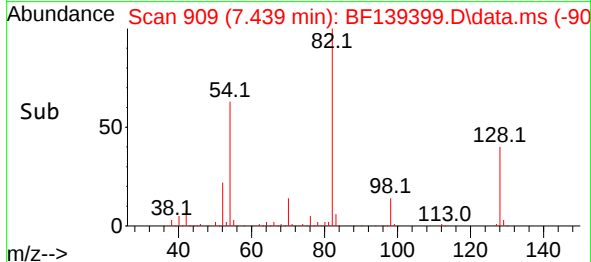
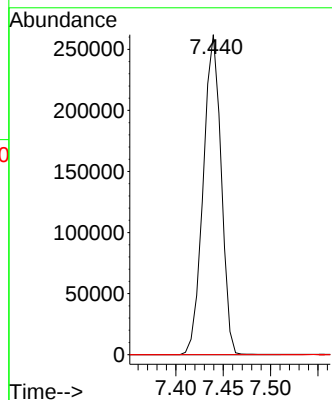
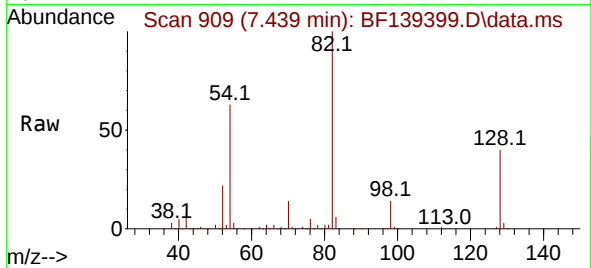




#25
Isophorone
Concen: 43.334 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139399.D
Acq: 17 Sep 2024 13:48

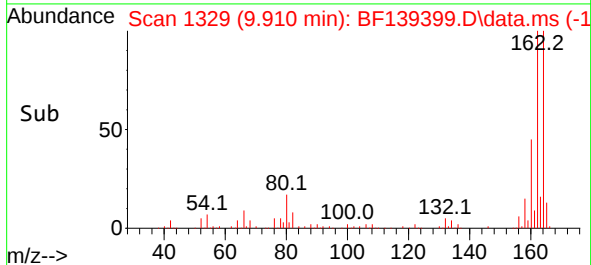
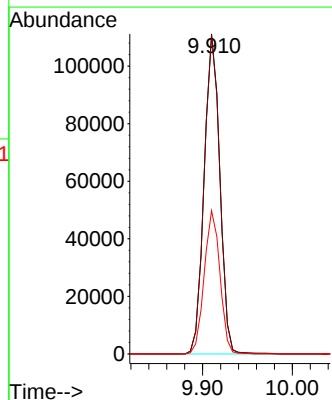
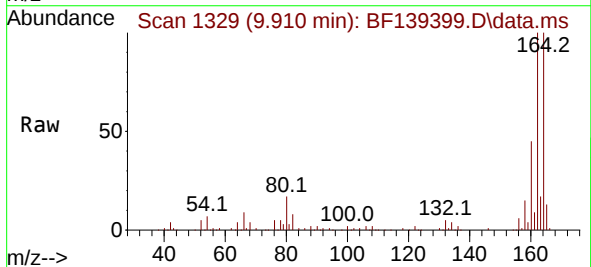
Instrument :
BNA_F
ClientSampleId :
COMP-1

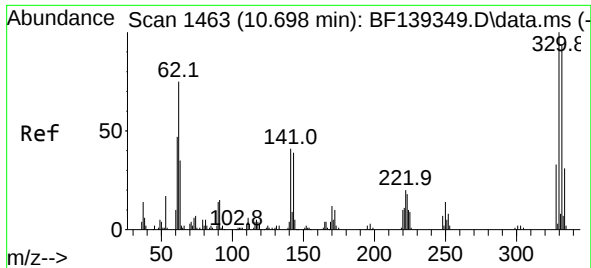
Tgt Ion: 82 Resp: 345916
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139399.D
Acq: 17 Sep 2024 13:48

Tgt Ion:164 Resp: 134667
Ion Ratio Lower Upper
164 100
162 99.6 81.3 121.9
160 44.8 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 119.269 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139399.D

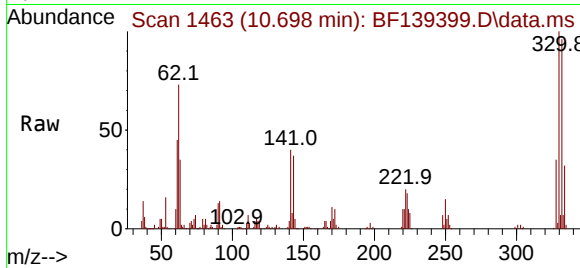
Acq: 17 Sep 2024 13:48

Instrument :

BNA_F

ClientSampleId :

COMP-1



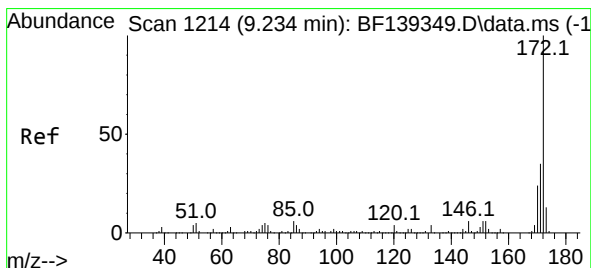
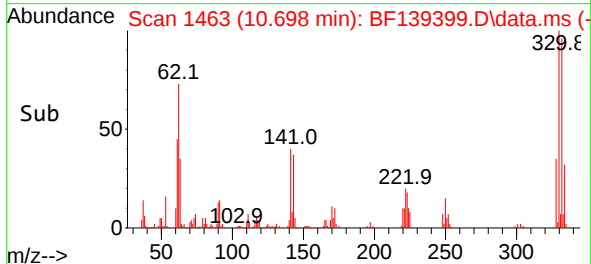
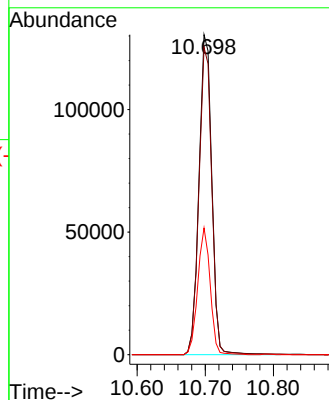
Tgt Ion:330 Resp: 170995

Ion Ratio Lower Upper

330 100

332 96.4 75.2 112.8

141 38.3 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 68.571 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139399.D

Acq: 17 Sep 2024 13:48

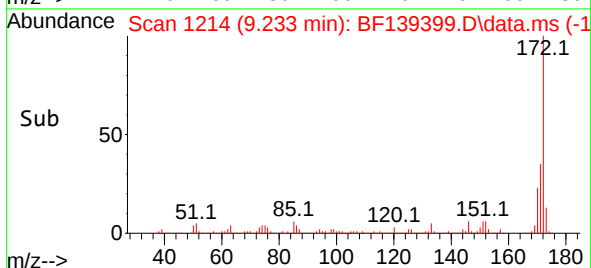
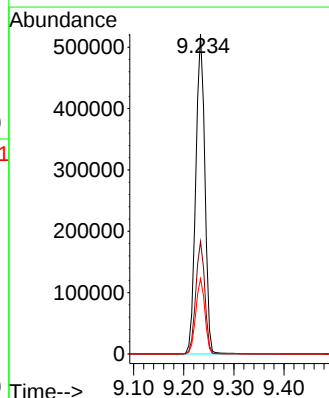
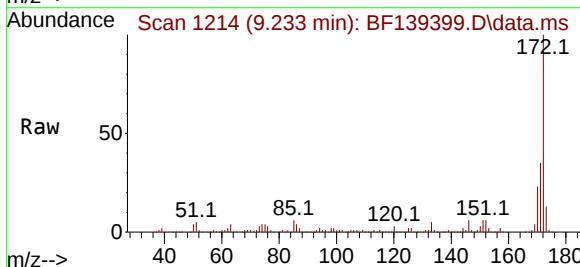
Tgt Ion:172 Resp: 658409

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.5 19.0 28.6

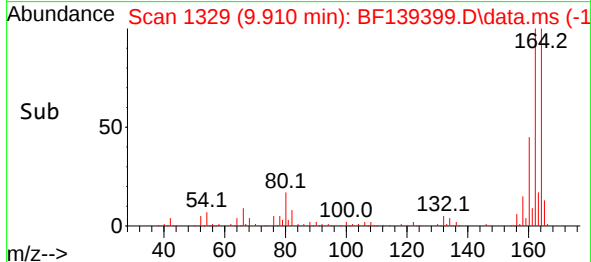
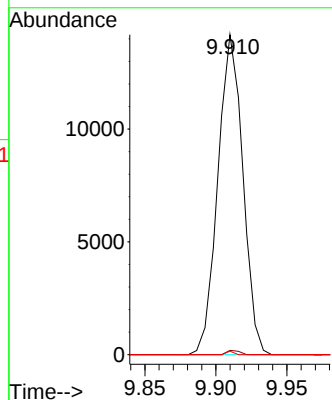
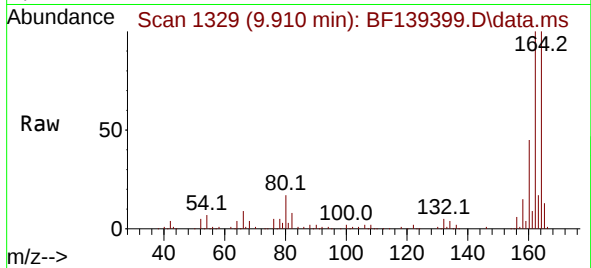




#51
2,6-Dinitrotoluene
Concen: 8.860 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139399.D
Acq: 17 Sep 2024 13:48

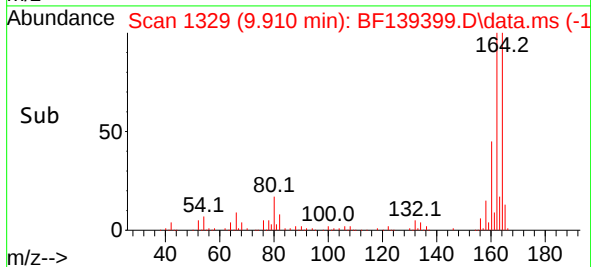
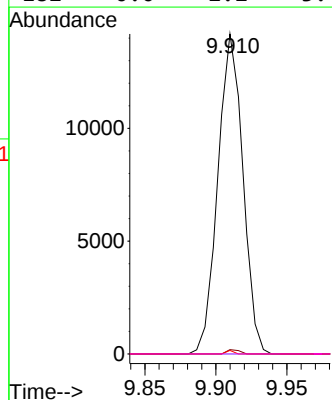
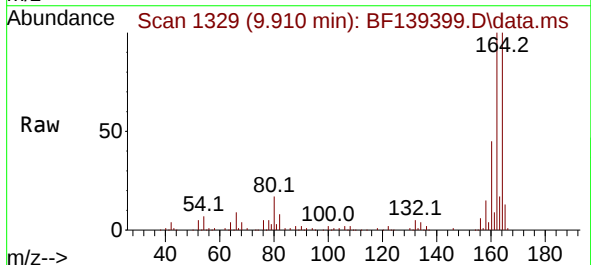
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ClientSampleId :
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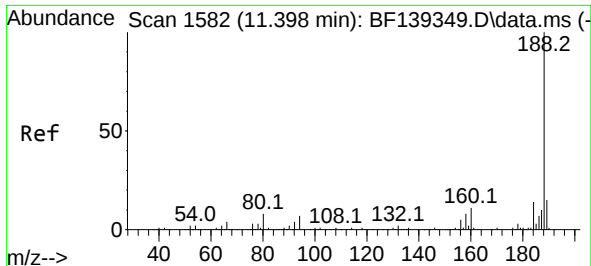
Tgt Ion:165 Resp: 17348
Ion Ratio Lower Upper
165 100
63 1.4 60.9 91.3#
89 1.1 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.562 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139399.D
Acq: 17 Sep 2024 13:48

Tgt Ion:165 Resp: 17348
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.6#
89 1.1 66.7 100.1#
182 0.0 2.2 3.4#

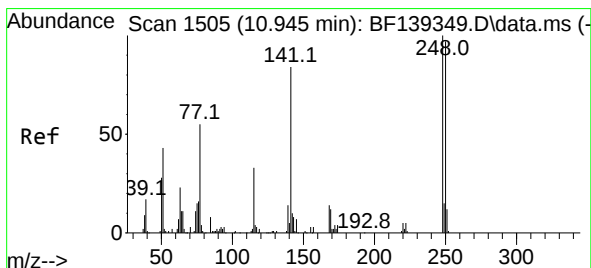
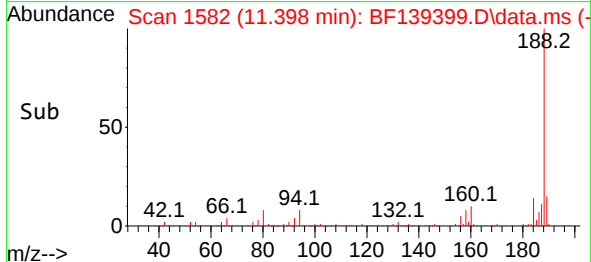
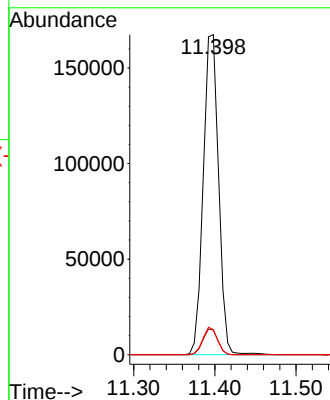
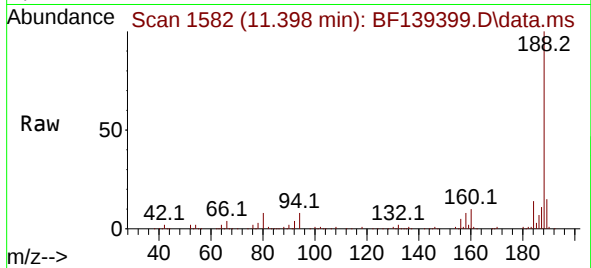




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139399.D
Acq: 17 Sep 2024 13:48

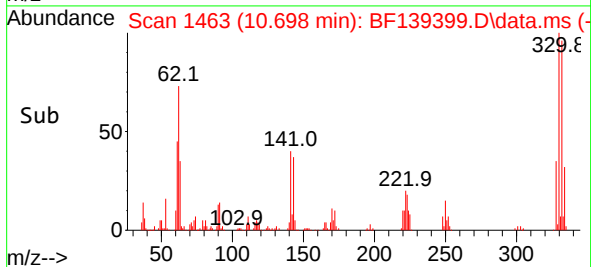
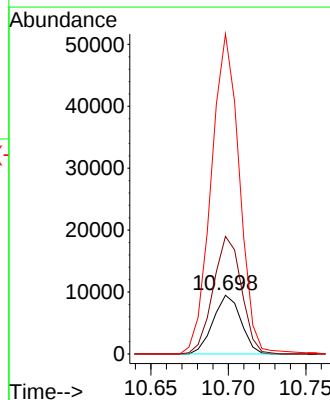
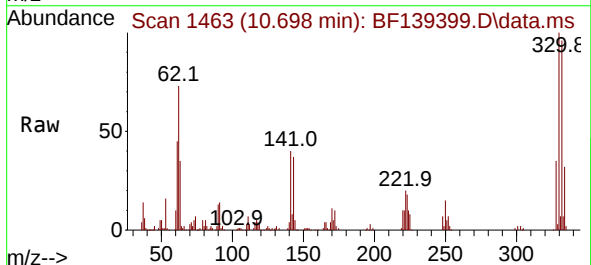
Instrument :
BNA_F
ClientSampleId :
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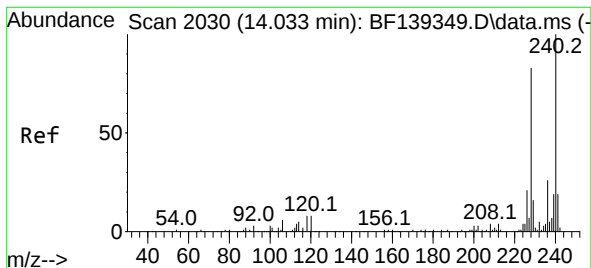
Tgt Ion:188 Resp: 219233
Ion Ratio Lower Upper
188 100
94 7.6 5.5 8.3
80 7.9 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 5.451 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139399.D
Acq: 17 Sep 2024 13:48

Tgt Ion:248 Resp: 11842
Ion Ratio Lower Upper
248 100
250 200.0 77.6 116.4#
141 544.5 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139399.D

Acq: 17 Sep 2024 13:48

Instrument :

BNA_F

ClientSampleId :

COMP-1

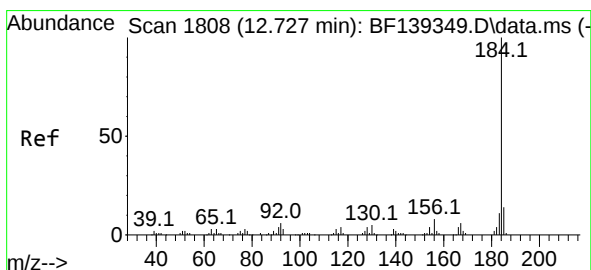
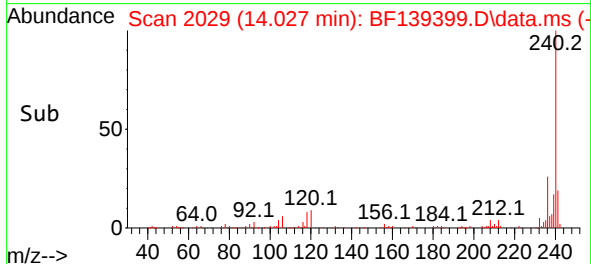
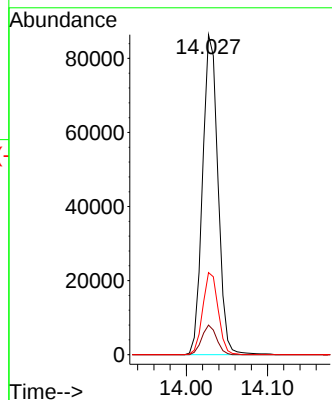
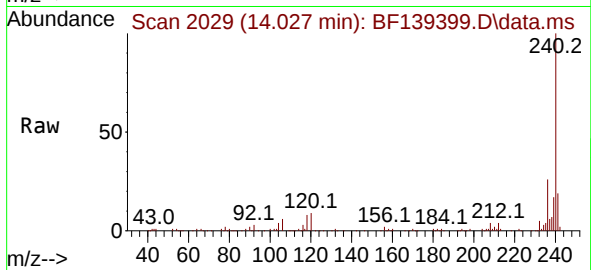
Tgt Ion:240 Resp: 113603

Ion Ratio Lower Upper

240 100

120 9.2 6.2 9.2

236 25.7 20.9 31.3



#77

Benzidine

Concen: 20.635 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.000 min

Lab File: BF139399.D

Acq: 17 Sep 2024 13:48

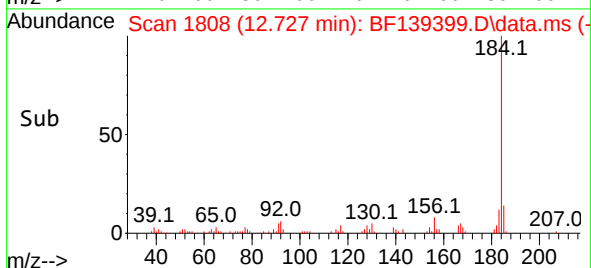
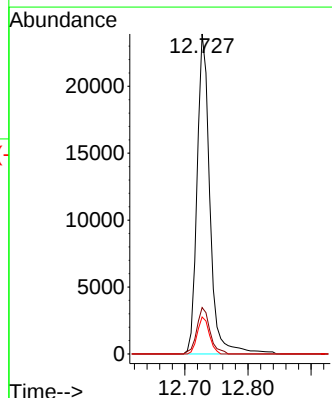
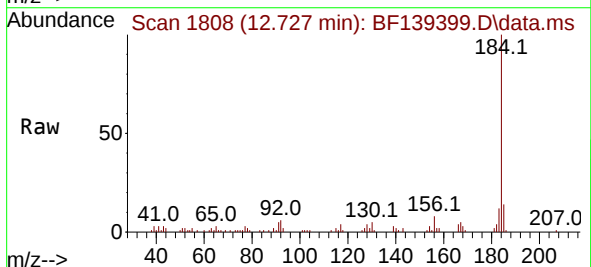
Tgt Ion:184 Resp: 33585

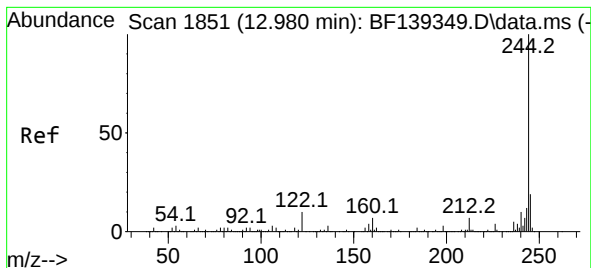
Ion Ratio Lower Upper

184 100

185 14.5 11.5 17.3

183 11.5 8.9 13.3





#79

Terphenyl-d14

Concen: 90.763 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139399.D

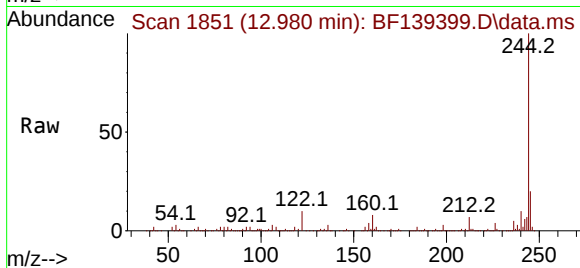
Acq: 17 Sep 2024 13:48

Instrument :

BNA_F

ClientSampleId :

COMP-1



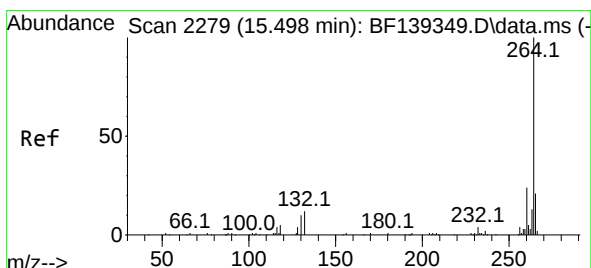
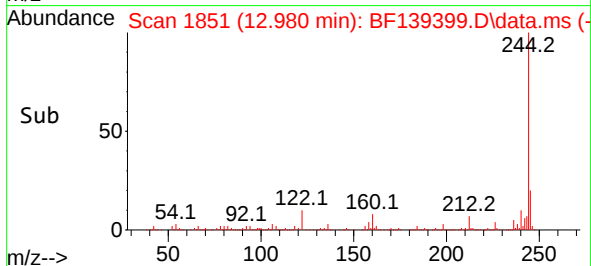
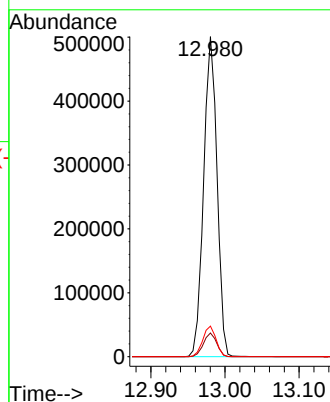
Tgt Ion:244 Resp: 628181

Ion	Ratio	Lower	Upper
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244	100		
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212	7.4	6.0	9.0
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122	9.6	7.6	11.4
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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.000 min

Lab File: BF139399.D

Acq: 17 Sep 2024 13:48

Tgt Ion:264 Resp: 91031

Ion	Ratio	Lower	Upper
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264	100		
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260	24.5	19.5	29.3
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265	21.8	16.6	25.0
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