

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139466.D
 Acq On : 19 Sep 2024 16:03
 Operator : RC/JU
 Sample : P4088-07RE
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-08

Quant Time: Sep 19 16:30:03 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)

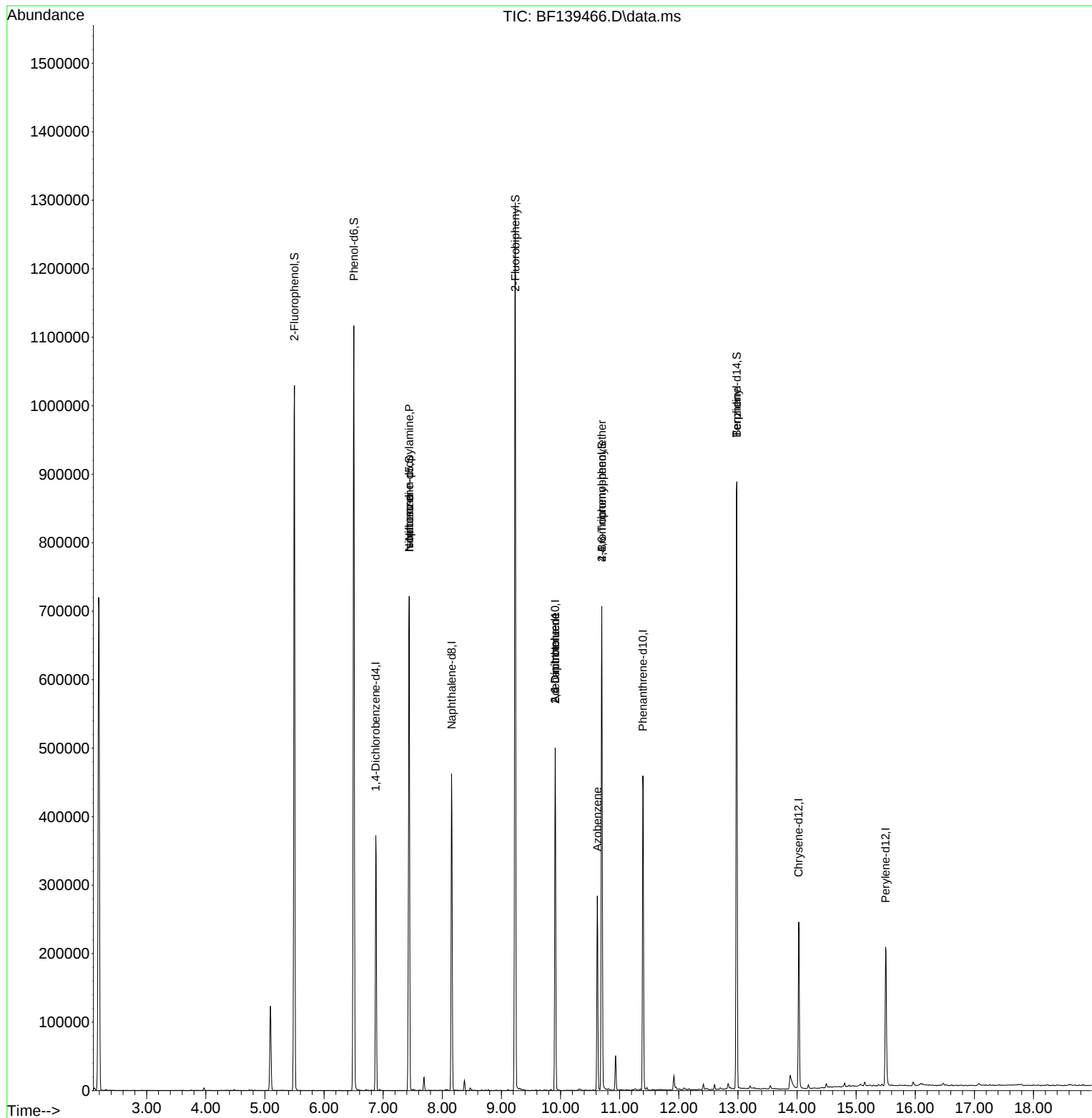
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	73759	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	267649	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	142281	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	244939	20.000	ng	# 0.00
76) Chrysene-d12	14.027	240	115177	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	123371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	340229	75.249	ng	0.00
7) Phenol-d6	6.504	99	470520	79.284	ng	0.00
23) Nitrobenzene-d5	7.439	82	307099	53.941	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	103127	68.082	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	554696	54.679	ng	0.00
79) Terphenyl-d14	12.980	244	435860	62.115	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	42354	12.043	ng	# 76
25) Isophorone	7.439	82	305718	33.954	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	18148	8.772	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	18148	6.498	ng	# 16
63) Azobenzene	10.622	77	72299	7.628	ng	# 5
67) 4-Bromophenyl-phenylether	10.698	248	7262	2.992	ng	# 1
77) Benzidine	12.980	184	6535	3.960	ng	# 93

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

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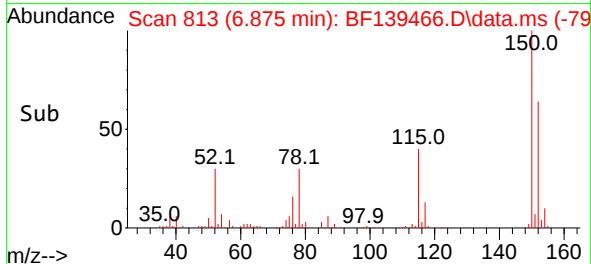
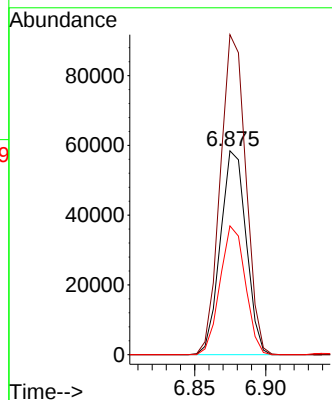
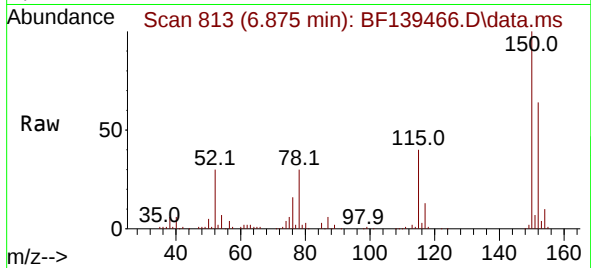




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

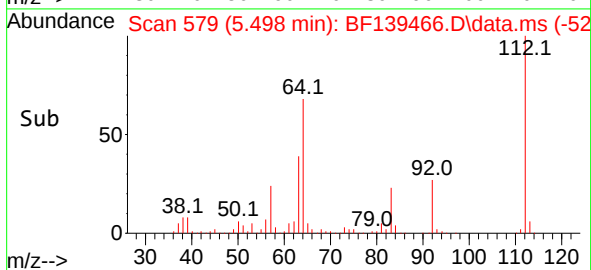
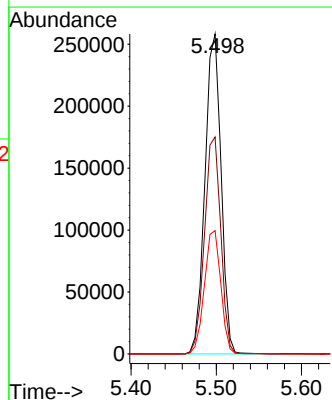
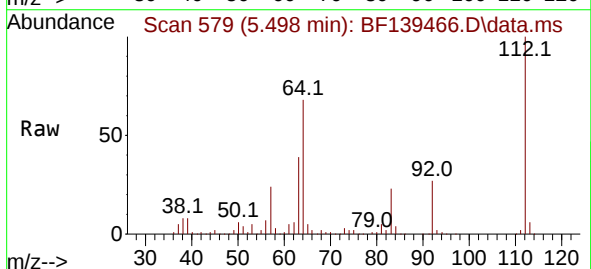
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-08

Tgt Ion:152 Resp: 73759
Ion Ratio Lower Upper
152 100
150 156.9 124.1 186.1
115 63.2 48.1 72.1



#5
2-Fluorophenol
Concen: 75.249 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

Tgt Ion:112 Resp: 340229
Ion Ratio Lower Upper
112 100
64 67.8 54.8 82.2
63 38.6 33.0 49.4

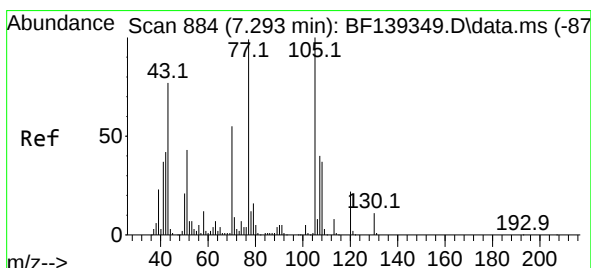
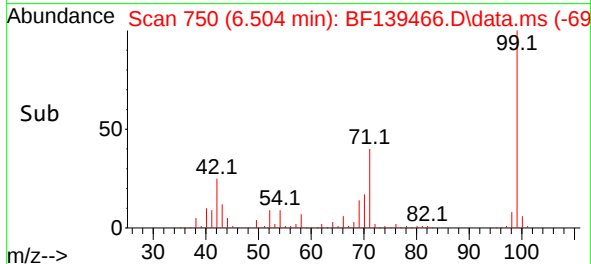
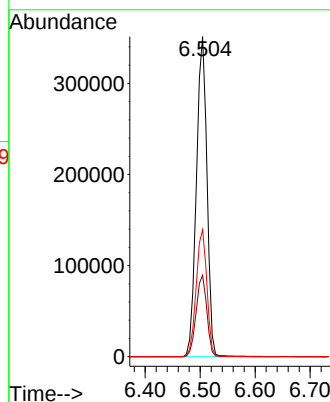
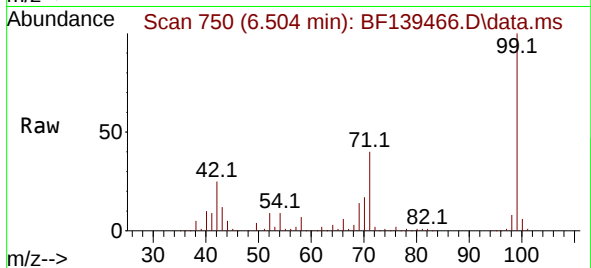




#7
Phenol-d6
Concen: 79.284 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

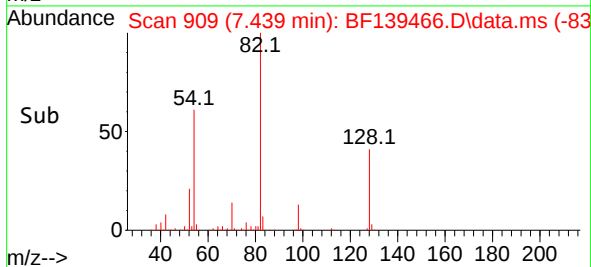
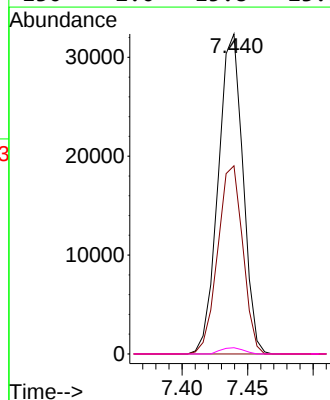
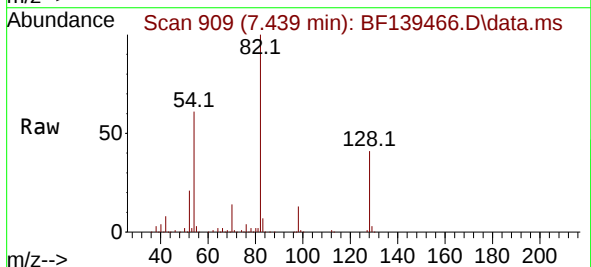
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-08

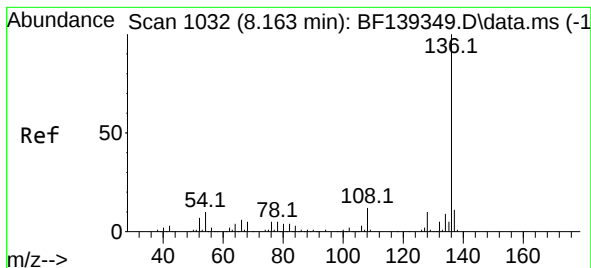
Tgt Ion: 99 Resp: 470520
Ion Ratio Lower Upper
99 100
42 25.4 21.9 32.9
71 39.7 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.043 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

Tgt Ion: 70 Resp: 42354
Ion Ratio Lower Upper
70 100
42 58.8 61.2 91.8#
101 0.0 7.5 11.3#
130 2.0 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139466.D

Acq: 19 Sep 2024 16:03

Instrument :

BNA_F

ClientSampleId :

NB-614-COMP-08

Tgt Ion:136 Resp: 267649

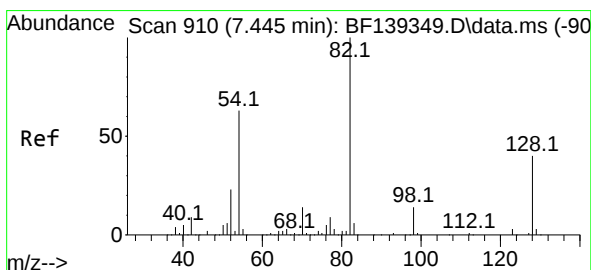
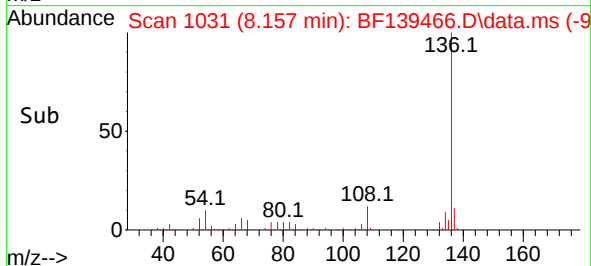
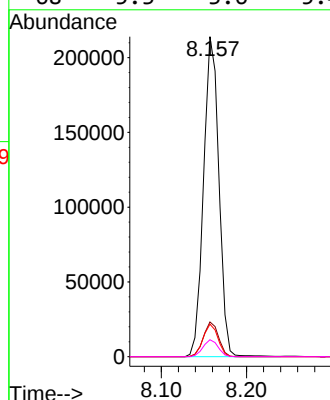
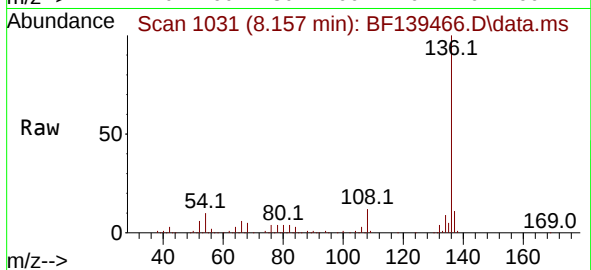
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 10.1 7.8 11.8

68 5.3 3.6 5.4



#23

Nitrobenzene-d5

Concen: 53.941 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF139466.D

Acq: 19 Sep 2024 16:03

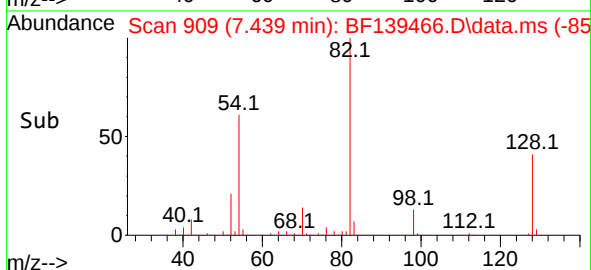
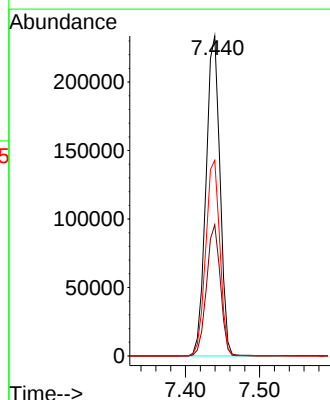
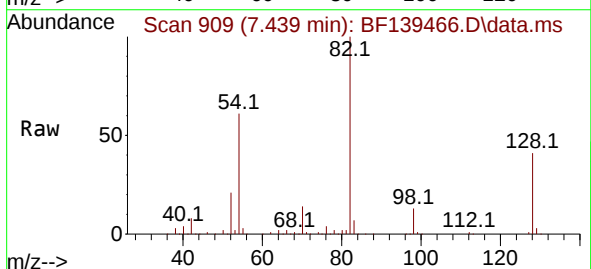
Tgt Ion: 82 Resp: 307099

Ion Ratio Lower Upper

82 100

128 41.0 31.8 47.6

54 61.1 50.6 75.8

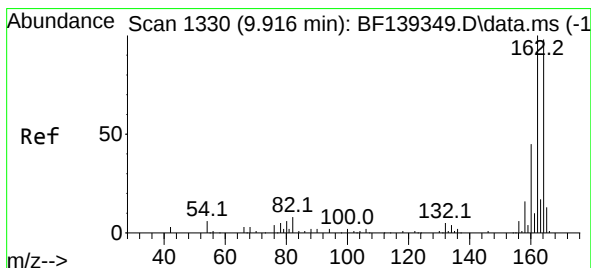
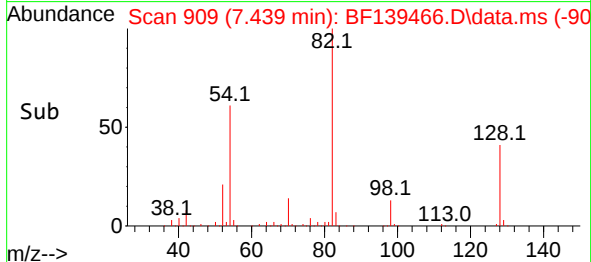
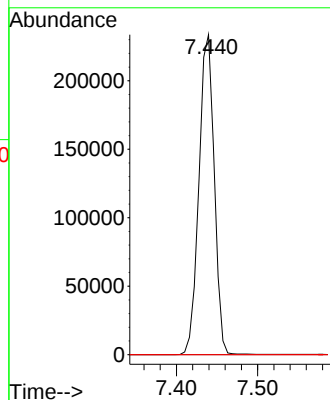
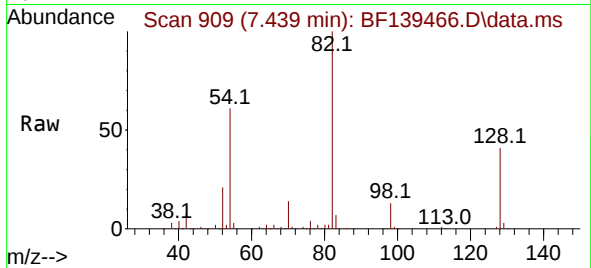




#25
Isophorone
Concen: 33.954 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

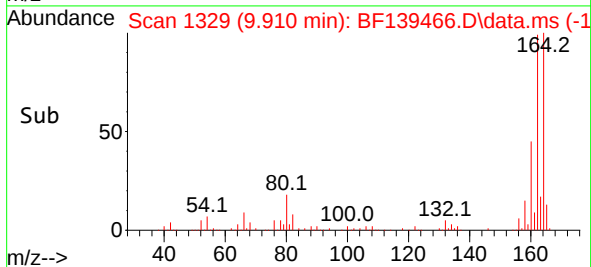
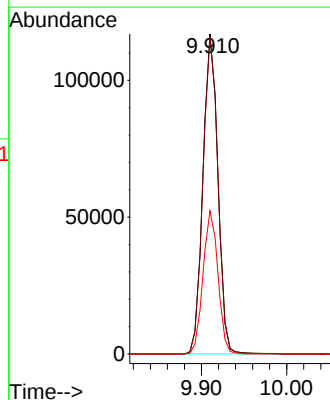
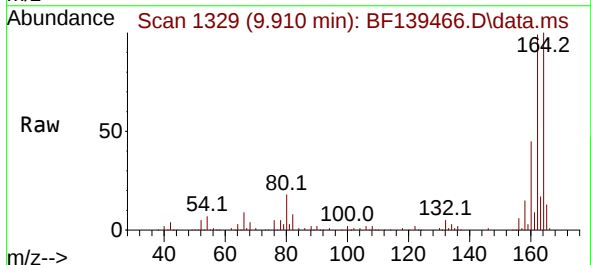
Instrument :
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ClientSampleId :
NB-614-COMP-08

Tgt Ion: 82 Resp: 305718
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: BF139466.D
Acq: 19 Sep 2024 16:03

Tgt Ion:164 Resp: 142281
Ion Ratio Lower Upper
164 100
162 99.2 81.3 121.9
160 44.7 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 68.082 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139466.D

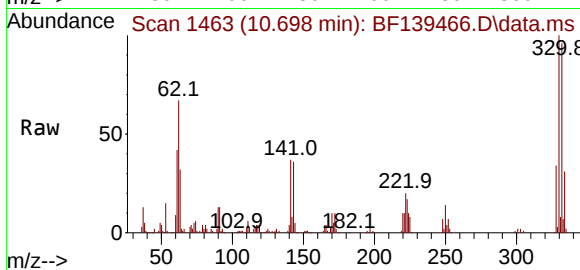
Acq: 19 Sep 2024 16:03

Instrument :

BNA_F

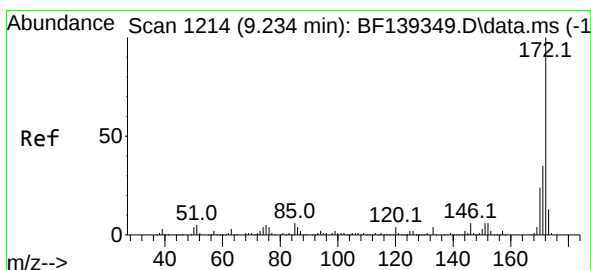
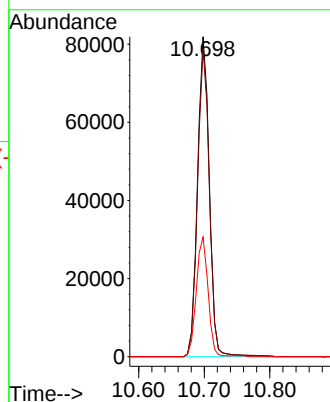
ClientSampleId :

NB-614-COMP-08



Tgt Ion:330 Resp: 103127

Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.2	112.8
141	37.1	31.2	46.8



#45

2-Fluorobiphenyl

Concen: 54.679 ng

RT: 9.233 min Scan# 1214

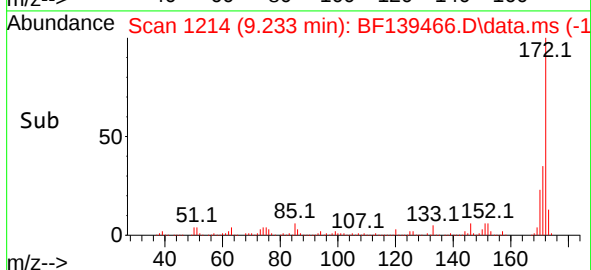
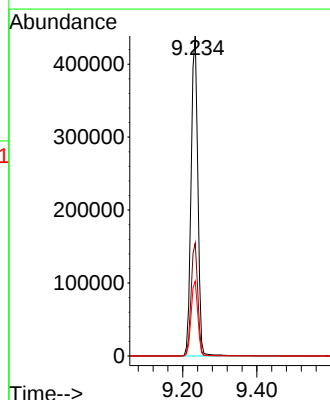
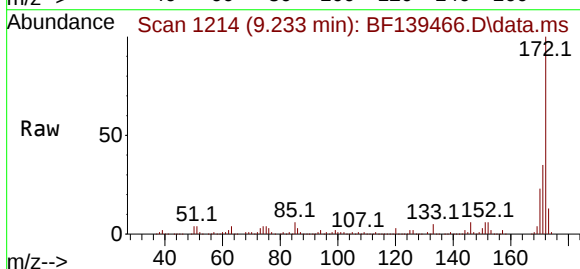
Delta R.T. -0.000 min

Lab File: BF139466.D

Acq: 19 Sep 2024 16:03

Tgt Ion:172 Resp: 554696

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	23.3	19.0	28.6

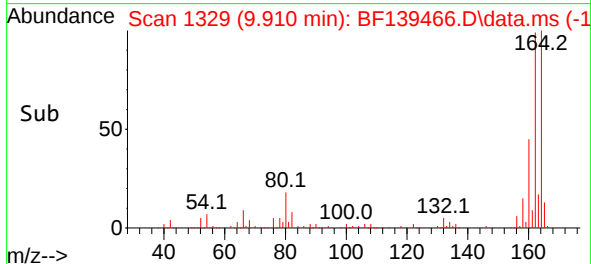
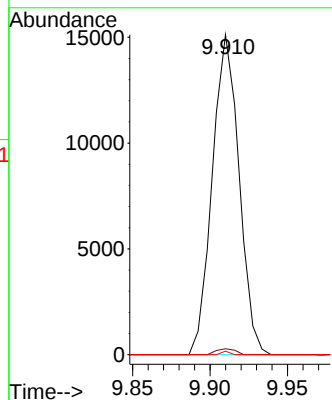
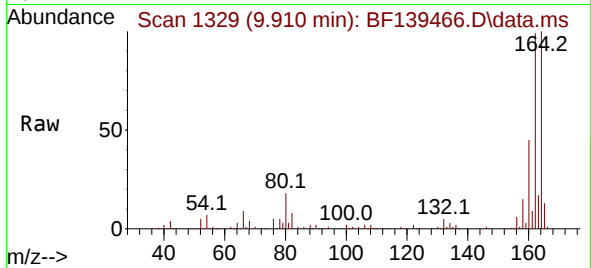




#51
2,6-Dinitrotoluene
Concen: 8.772 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

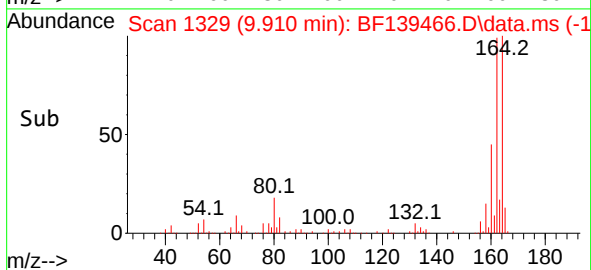
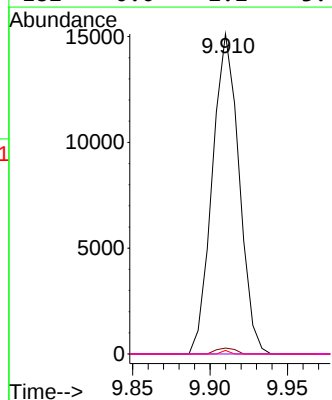
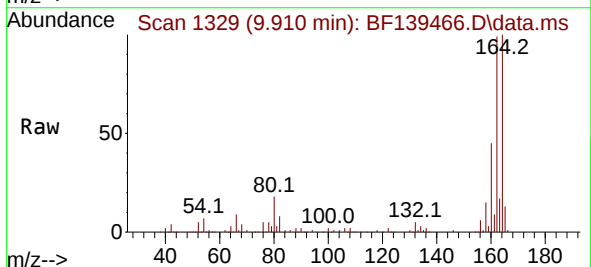
Instrument :
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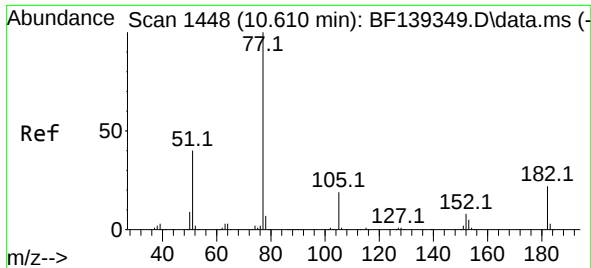
Tgt Ion:165 Resp: 18148
Ion Ratio Lower Upper
165 100
63 1.8 60.9 91.3#
89 1.1 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.498 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

Tgt Ion:165 Resp: 18148
Ion Ratio Lower Upper
165 100
63 1.8 47.8 71.6#
89 1.1 66.7 100.1#
182 0.0 2.2 3.4#

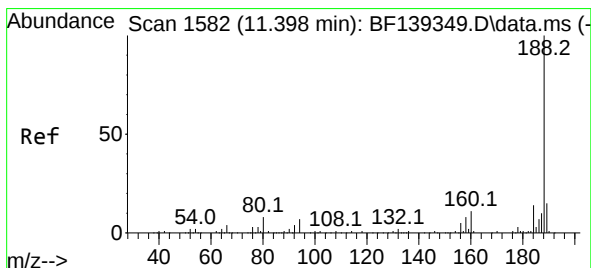
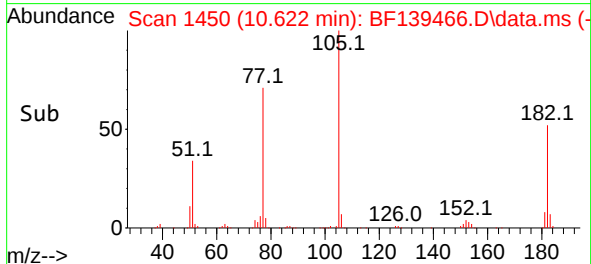
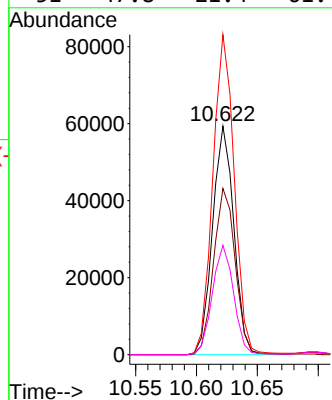
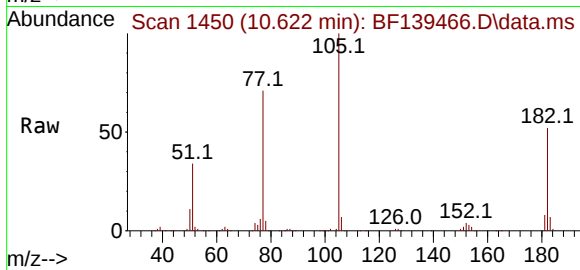




#63
Azobenzene
Concen: 7.628 ng
RT: 10.622 min Scan# 1448
Delta R.T. 0.012 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

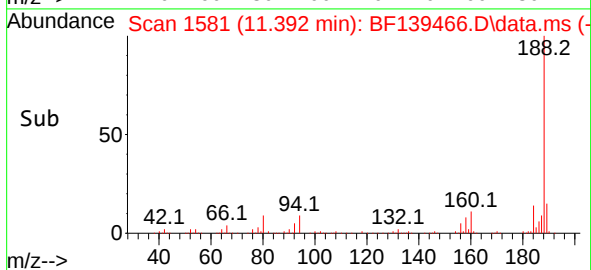
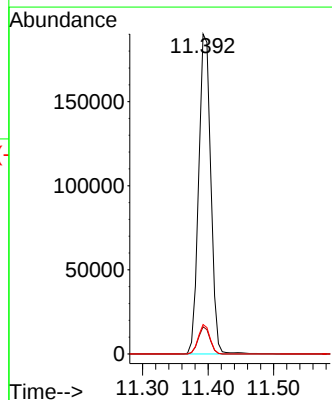
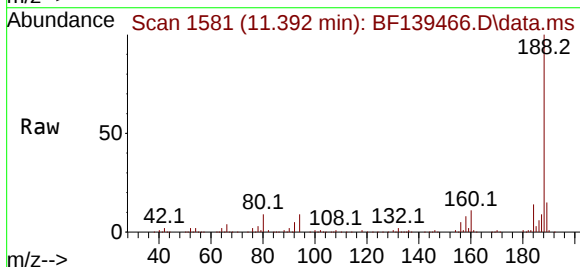
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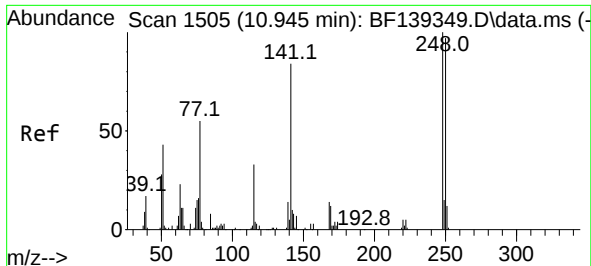
Tgt Ion: 77 Resp: 72299
Ion Ratio Lower Upper
77 100
182 72.7 1.8 41.8#
105 140.1 0.0 38.6#
51 47.8 21.4 61.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

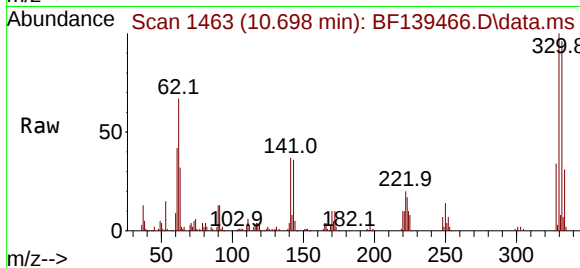
Tgt Ion: 188 Resp: 244939
Ion Ratio Lower Upper
188 100
94 8.5 5.5 8.3#
80 9.2 6.6 9.8



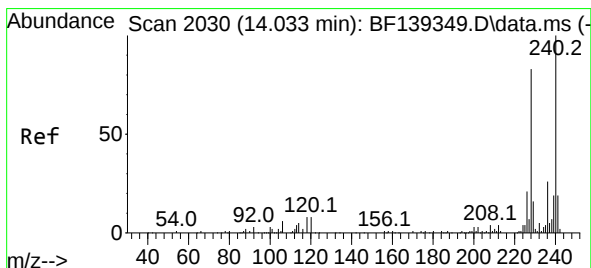
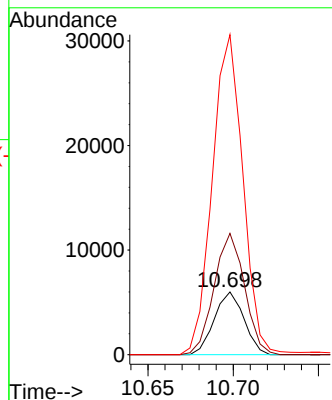
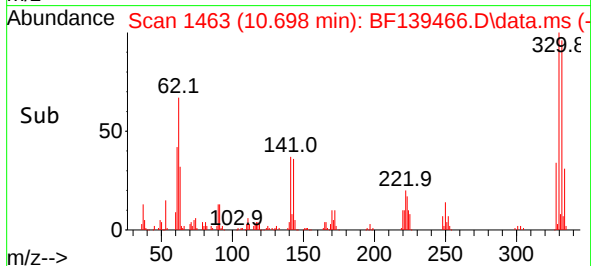


#67
4-Bromophenyl-phenylether
Concen: 2.992 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-08

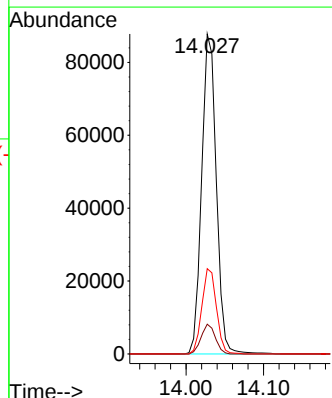
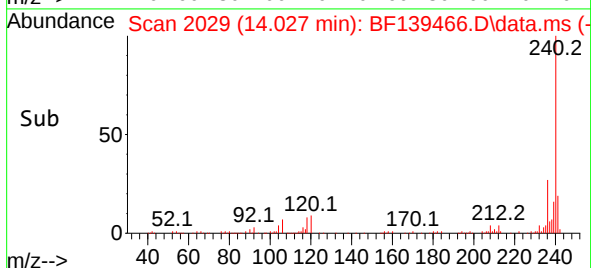
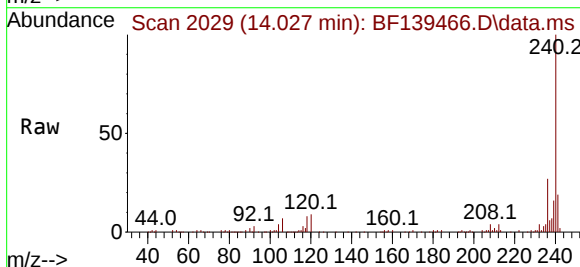


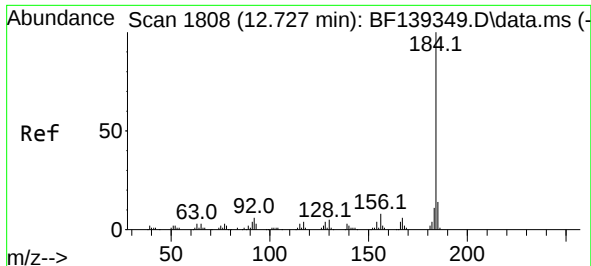
Tgt Ion:248 Resp: 7262
Ion Ratio Lower Upper
248 100
250 193.1 77.6 116.4#
141 509.7 66.9 100.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

Tgt Ion:240 Resp: 115177
Ion Ratio Lower Upper
240 100
120 9.3 6.2 9.2#
236 26.7 20.9 31.3

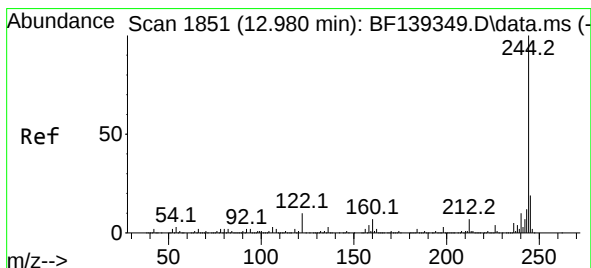
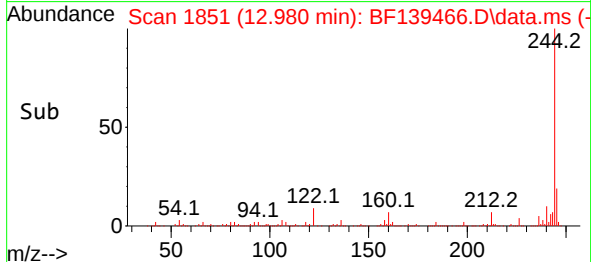
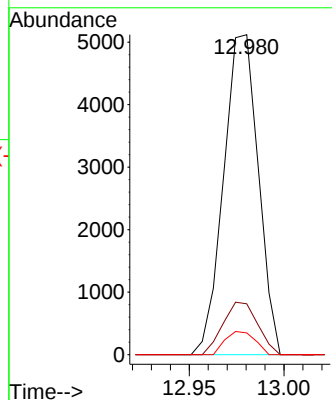
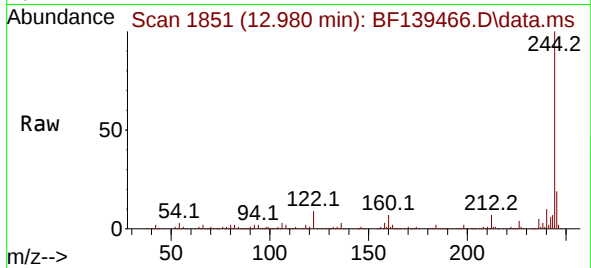




#77
Benzidine
Concen: 3.960 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

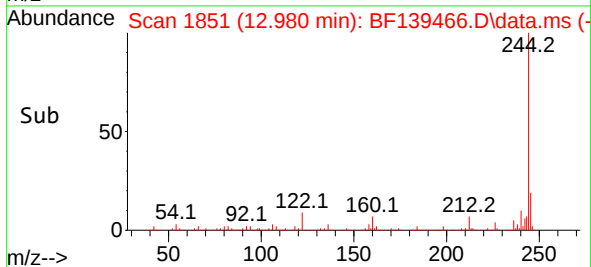
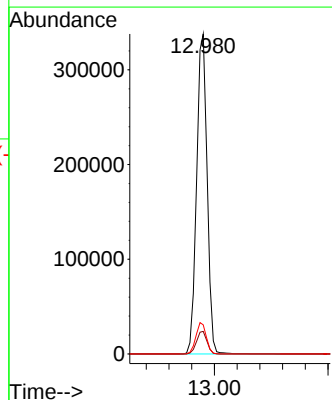
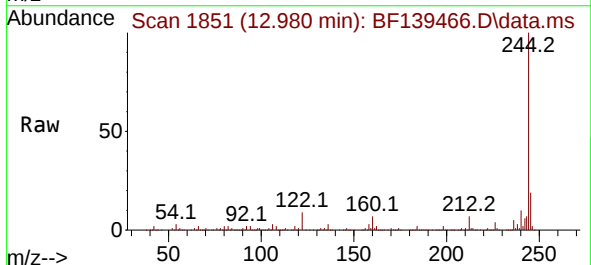
Instrument :
BNA_F
ClientSampleId :
NB-614-COMP-08

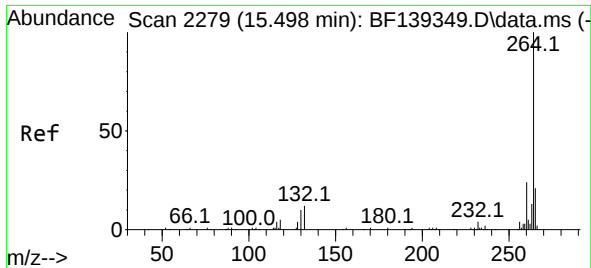
Tgt Ion:184 Resp: 6535
Ion Ratio Lower Upper
184 100
185 15.9 11.5 17.3
183 6.8 8.9 13.3#



#79
Terphenyl-d14
Concen: 62.115 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BF139466.D
Acq: 19 Sep 2024 16:03

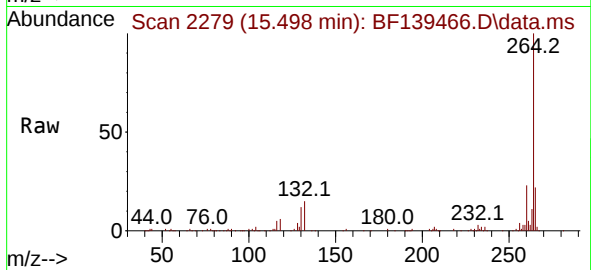
Tgt Ion:244 Resp: 435860
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.1 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF139466.D
 Acq: 19 Sep 2024 16:03

Instrument :
 BNA_F
 ClientSampleId :
 NB-614-COMP-08



Tgt Ion:264 Resp: 123371
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.5 29.3
 265 21.7 16.6 25.0

