

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139476.D
 Acq On : 19 Sep 2024 21:16
 Operator : RC/JU
 Sample : P4085-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Sep 20 01:39:49 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)

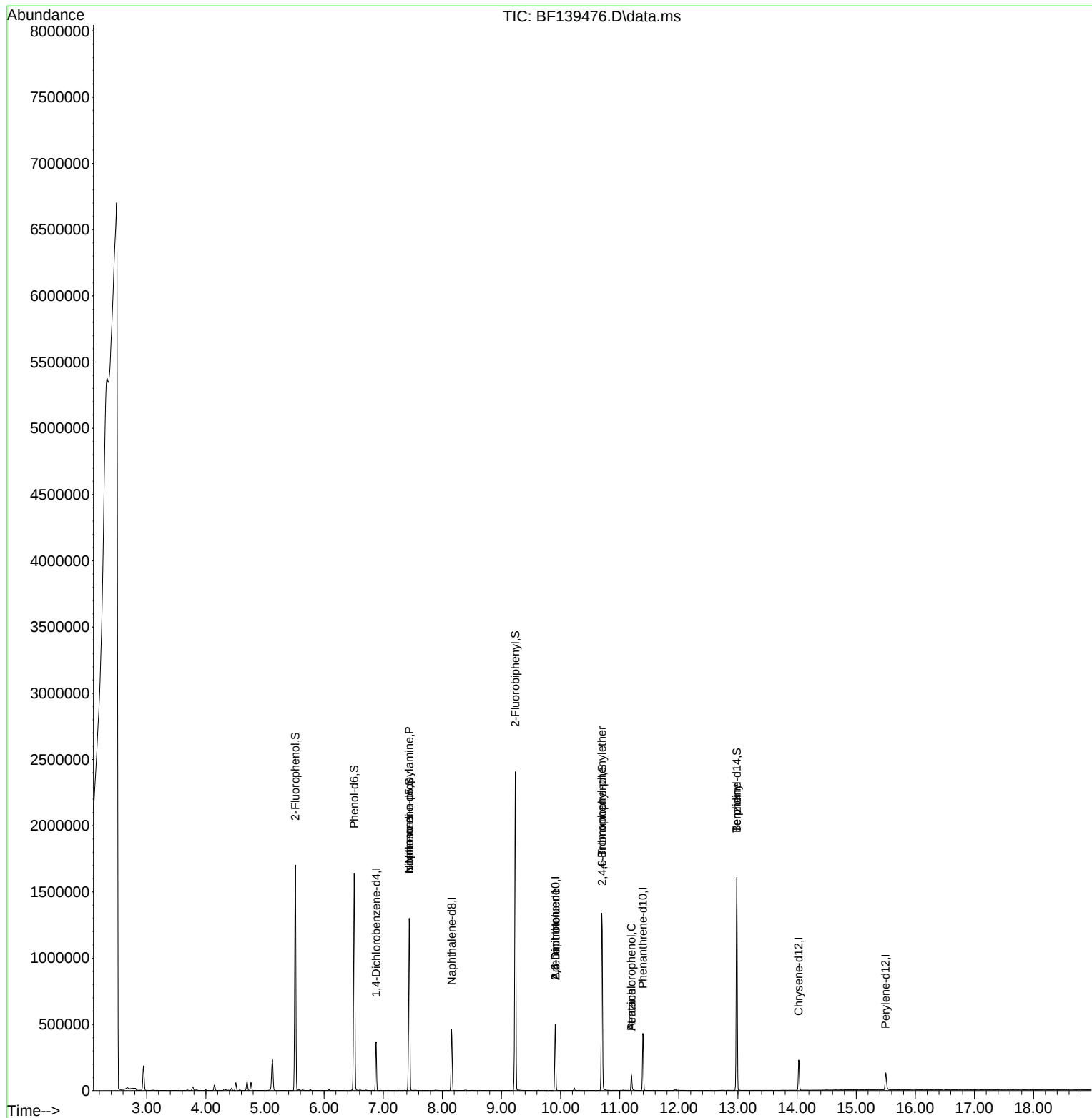
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	72677	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	265296	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	142423	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	229168	20.000	ng	0.00
76) Chrysene-d12	14.027	240	110437	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	70324	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	599566	134.582	ng	0.02
7) Phenol-d6	6.510	99	710993	121.589	ng	0.00
23) Nitrobenzene-d5	7.439	82	572327	101.419	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	208018	137.191	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1041078	102.521	ng	0.00
79) Terphenyl-d14	12.980	244	751065	111.628	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	80780	23.312	ng	# 75
25) Isophorone	7.439	82	572324	64.127	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	18311	8.842	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	18311	6.549	ng	# 16
67) 4-Bromophenyl-phenylether	10.698	248	13822	6.086	ng	# 1
69) Atrazine	11.198	200	3303	2.071	ng	# 36
70) Pentachlorophenol	11.198	266	18778	11.741	ng	97
77) Benzidine	12.980	184	10894	6.885	ng	# 91

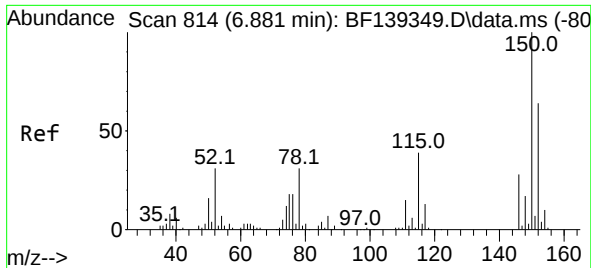
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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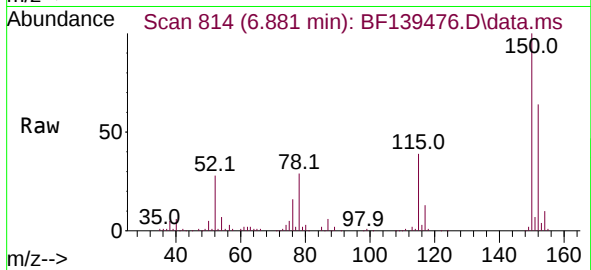
Quant Time: Sep 20 01:39:49 2024
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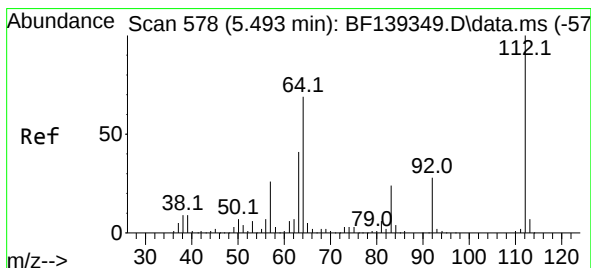
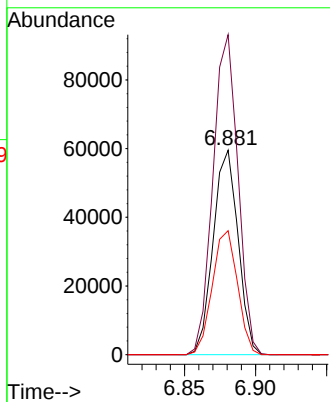
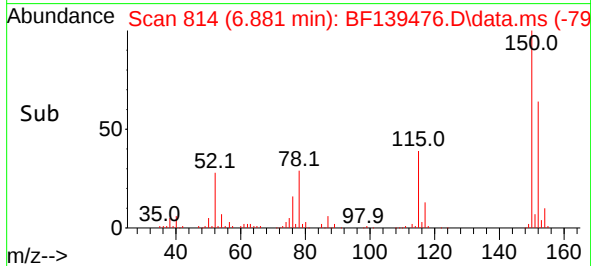


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139476.D
Acq: 19 Sep 2024 21:16

Instrument :
BNA_F
ClientSampleId :
COMP-1

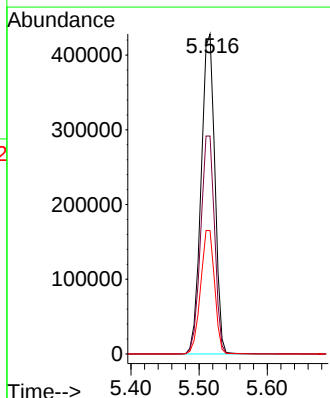
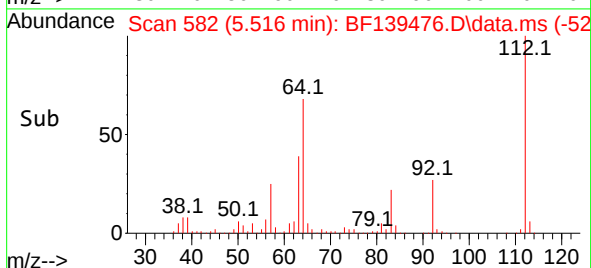
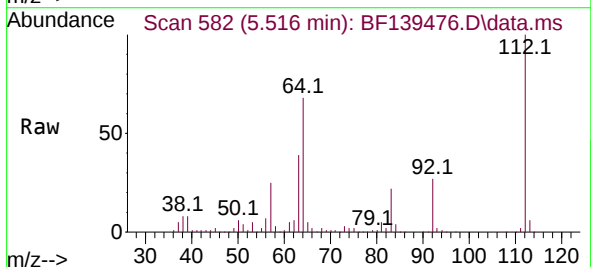


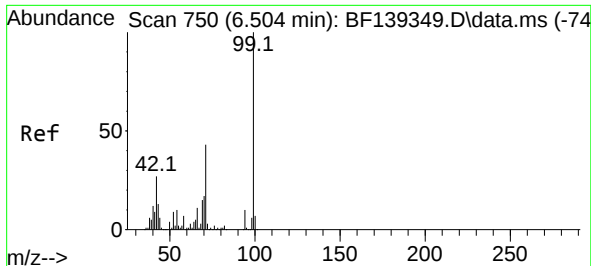
Tgt Ion:152 Resp: 72677
Ion Ratio Lower Upper
152 100
150 156.5 124.1 186.1
115 60.7 48.1 72.1



#5
2-Fluorophenol
Concen: 134.582 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF139476.D
Acq: 19 Sep 2024 21:16

Tgt Ion:112 Resp: 599566
Ion Ratio Lower Upper
112 100
64 68.1 54.8 82.2
63 38.6 33.0 49.4





#7

Phenol-d6

Concen: 121.589 ng

RT: 6.510 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF139476.D

Acq: 19 Sep 2024 21:16

Instrument :

BNA_F

ClientSampleId :

COMP-1

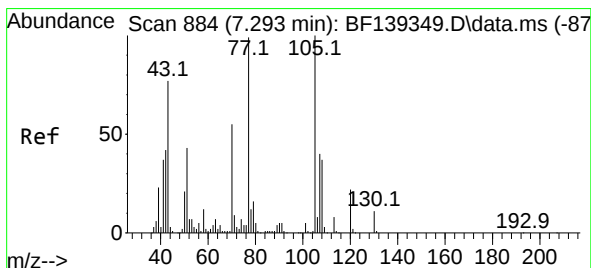
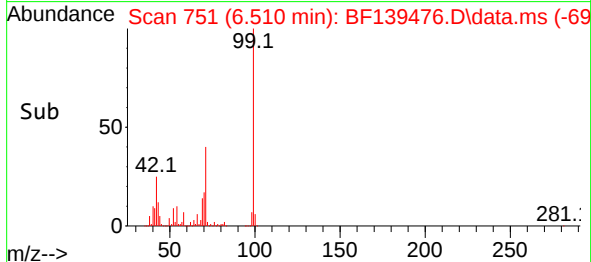
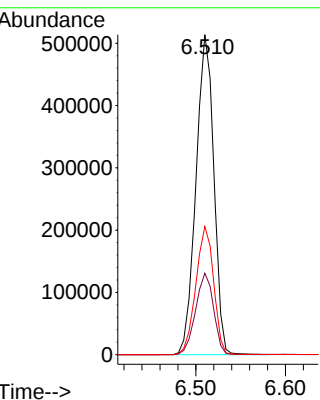
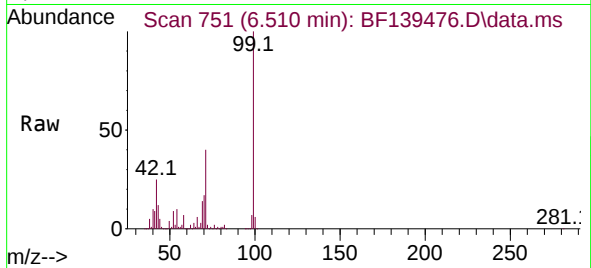
Tgt Ion: 99 Resp: 710993

Ion Ratio Lower Upper

99 100

42 25.5 21.9 32.9

71 40.0 34.6 52.0



#19

n-Nitroso-di-n-propylamine

Concen: 23.312 ng

RT: 7.439 min Scan# 909

Delta R.T. 0.147 min

Lab File: BF139476.D

Acq: 19 Sep 2024 21:16

Tgt Ion: 70 Resp: 80780

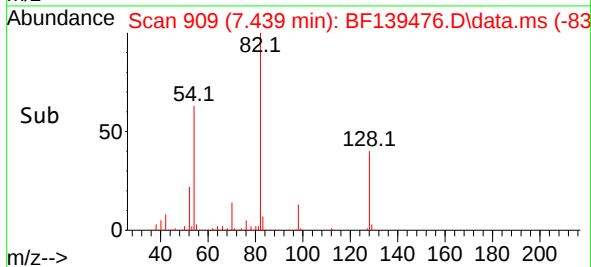
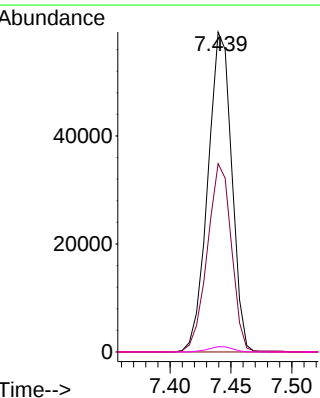
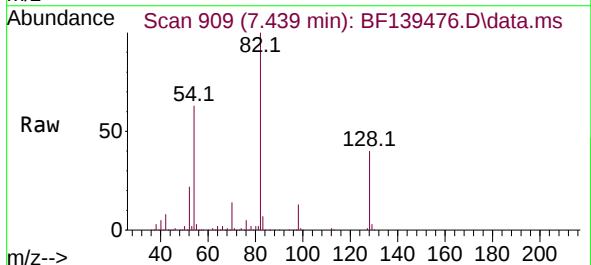
Ion Ratio Lower Upper

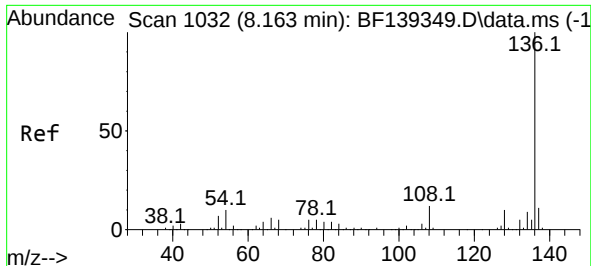
70 100

42 58.9 61.2 91.8#

101 0.0 7.5 11.3#

130 1.6 15.8 23.8#

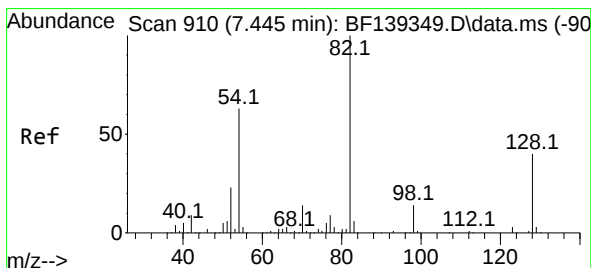
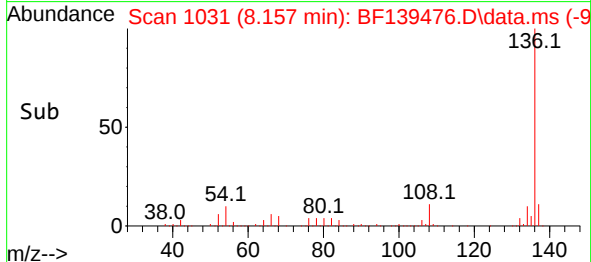
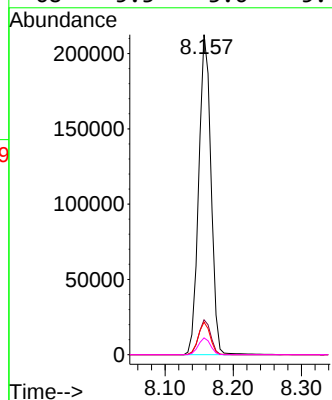
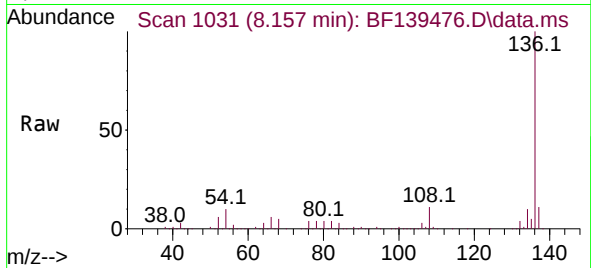




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139476.D
Acq: 19 Sep 2024 21:16

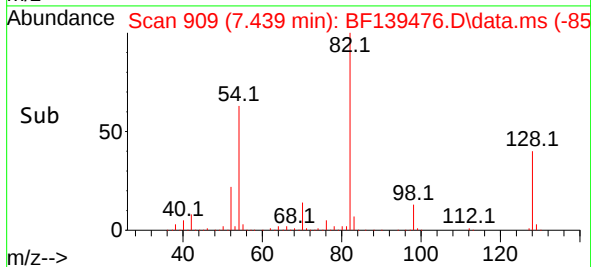
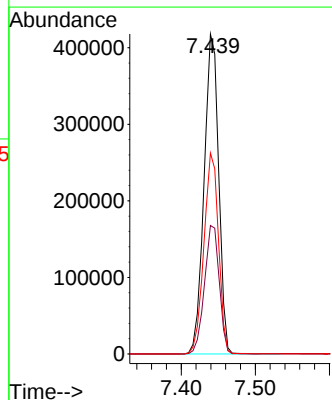
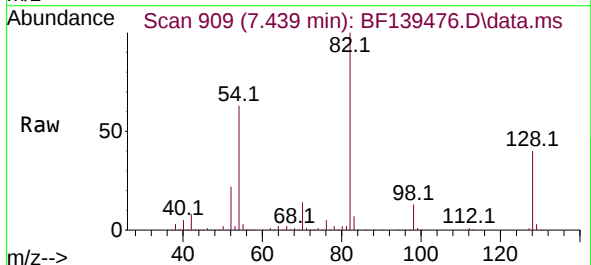
Instrument :
BNA_F
ClientSampleId :
COMP-1

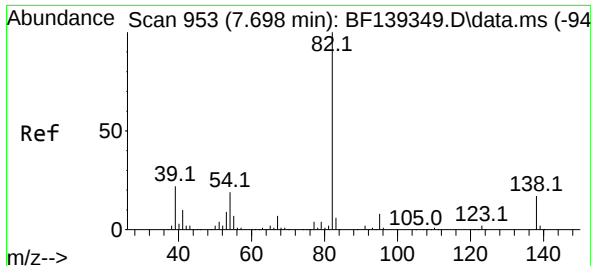
Tgt Ion:	136	Resp:	265296
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.2	7.8	11.8
68	5.3	3.6	5.4



#23
Nitrobenzene-d5
Concen: 101.419 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139476.D
Acq: 19 Sep 2024 21:16

Tgt Ion:	82	Resp:	572327
Ion	Ratio	Lower	Upper
82	100		
128	40.2	31.8	47.6
54	62.8	50.6	75.8

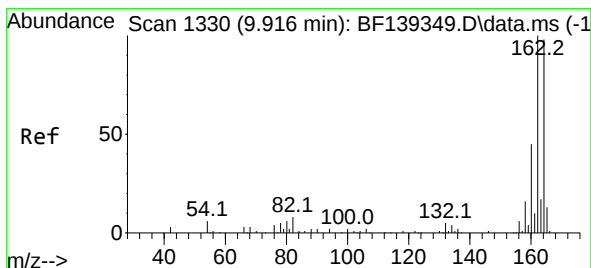
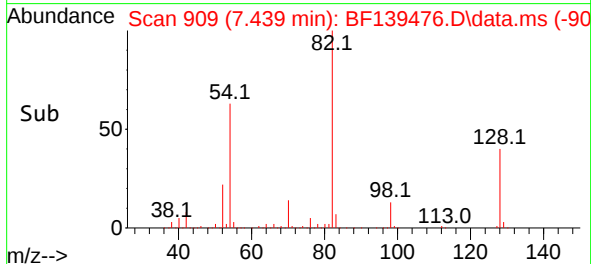
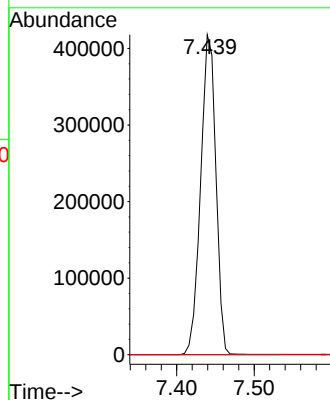
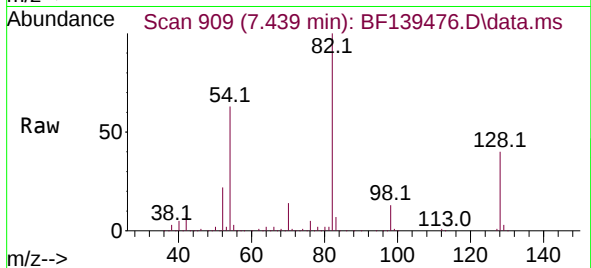




#25
Isophorone
Concen: 64.127 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139476.D
Acq: 19 Sep 2024 21:16

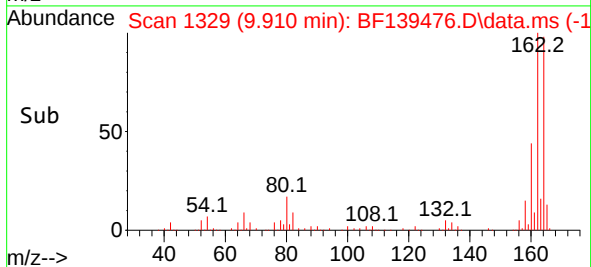
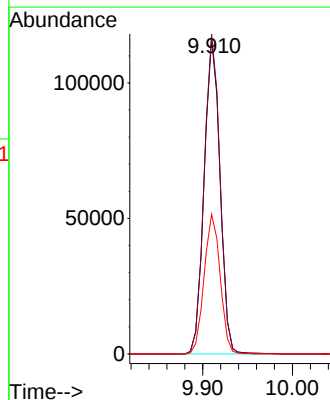
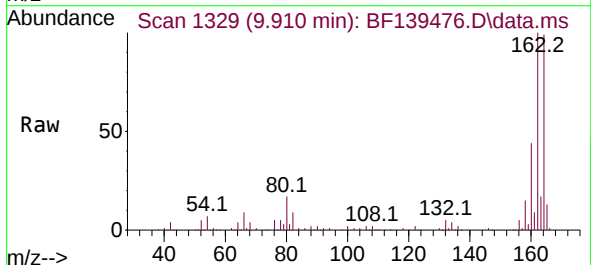
Instrument :
BNA_F
ClientSampleId :
COMP-1

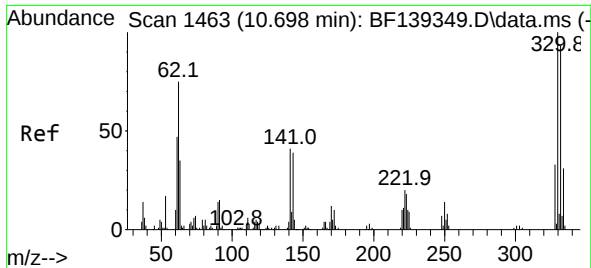
Tgt Ion: 82 Resp: 572324
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139476.D
Acq: 19 Sep 2024 21:16

Tgt Ion:164 Resp: 142423
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 44.3 36.4 54.6

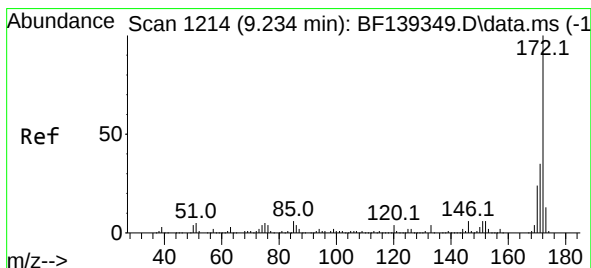
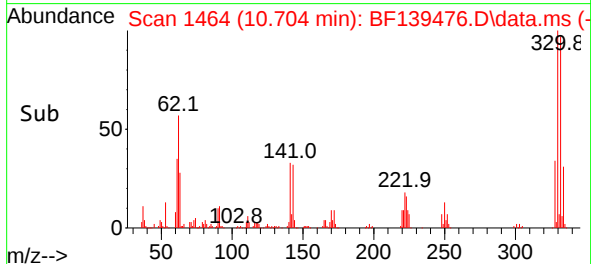
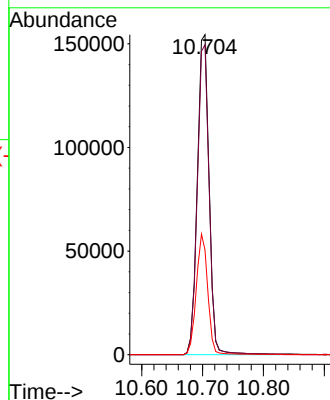
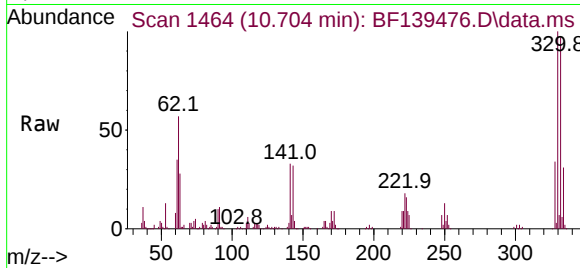




#42
2,4,6-Tribromophenol
Concen: 137.191 ng
RT: 10.704 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF139476.D
Acq: 19 Sep 2024 21:16

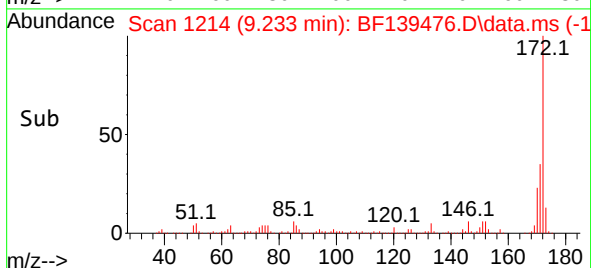
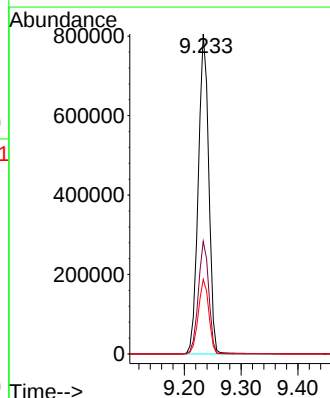
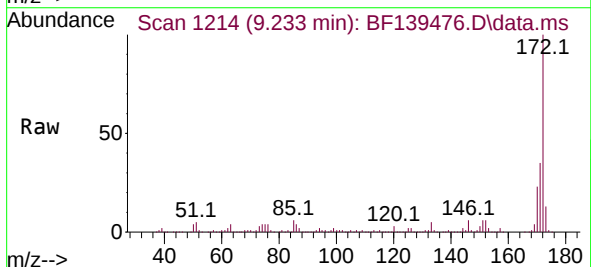
Instrument :
BNA_F
ClientSampleId :
COMP-1

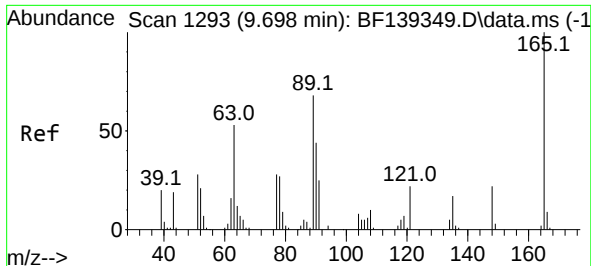
Tgt Ion: 330 Resp: 208018
Ion Ratio Lower Upper
330 100
332 96.8 75.2 112.8
141 36.8 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 102.521 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139476.D
Acq: 19 Sep 2024 21:16

Tgt Ion: 172 Resp: 1041078
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.3 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 8.842 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139476.D

Acq: 19 Sep 2024 21:16

Instrument :

BNA_F

ClientSampleId :

COMP-1

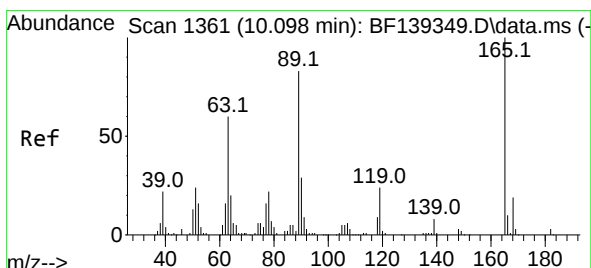
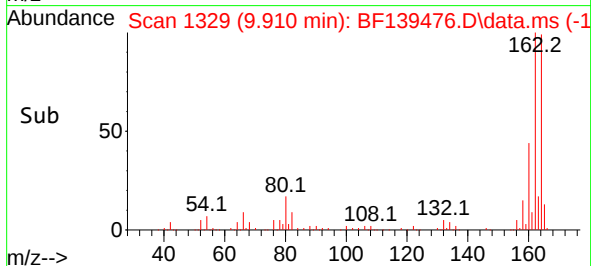
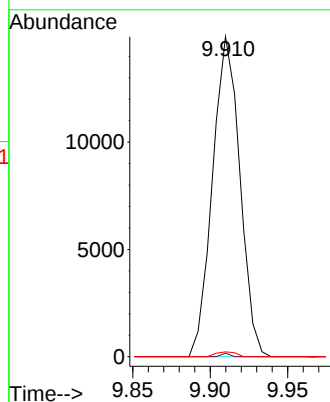
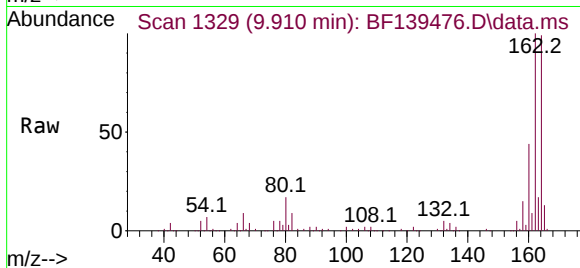
Tgt Ion:165 Resp: 18311

Ion Ratio Lower Upper

165 100

63 1.1 60.9 91.3#

89 1.5 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.549 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.188 min

Lab File: BF139476.D

Acq: 19 Sep 2024 21:16

Tgt Ion:165 Resp: 18311

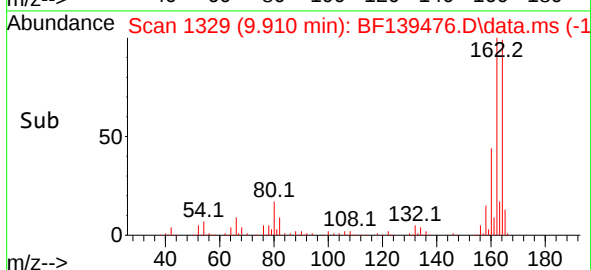
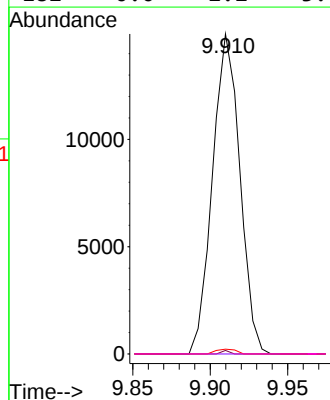
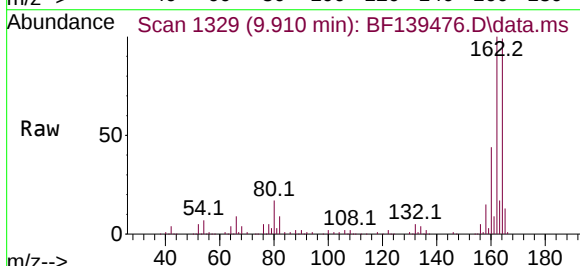
Ion Ratio Lower Upper

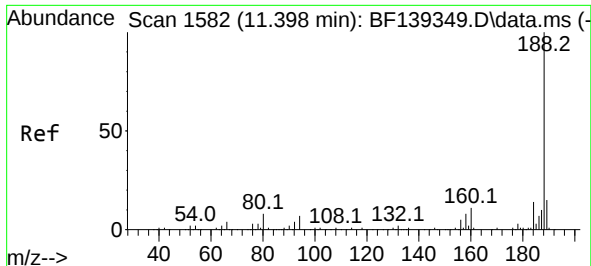
165 100

63 1.1 47.8 71.6#

89 1.5 66.7 100.1#

182 0.0 2.2 3.4#

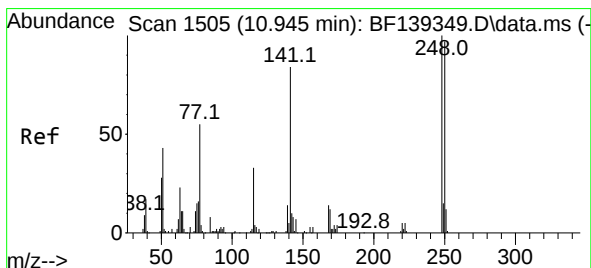
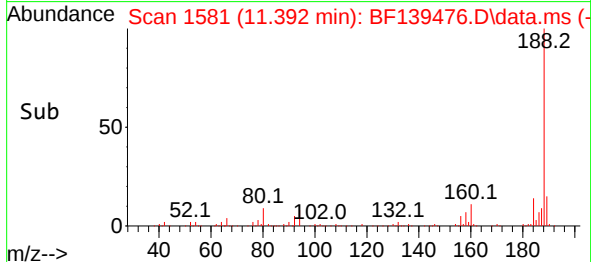
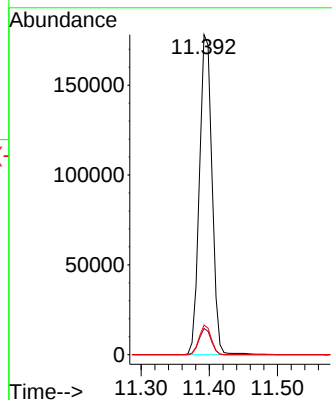
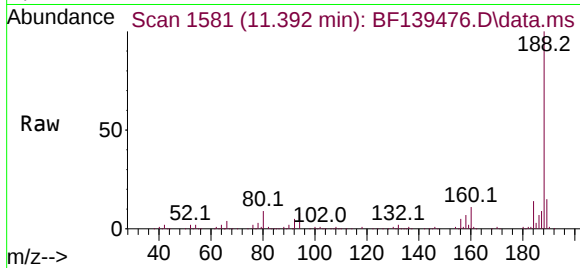




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139476.D
Acq: 19 Sep 2024 21:16

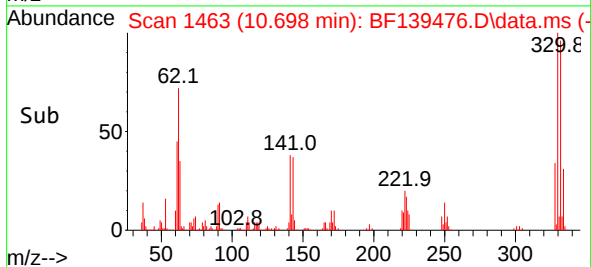
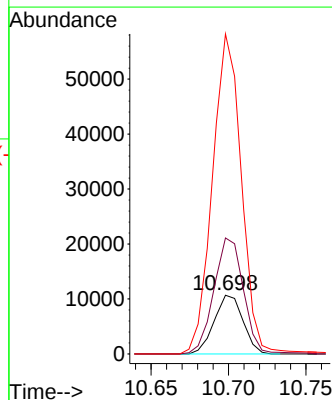
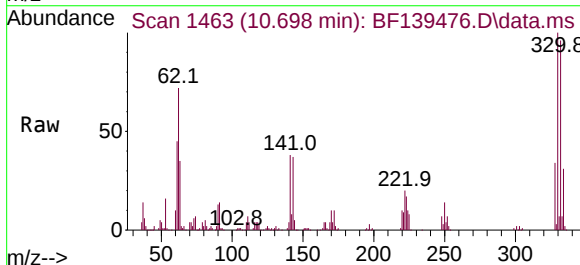
Instrument :
BNA_F
ClientSampleId :
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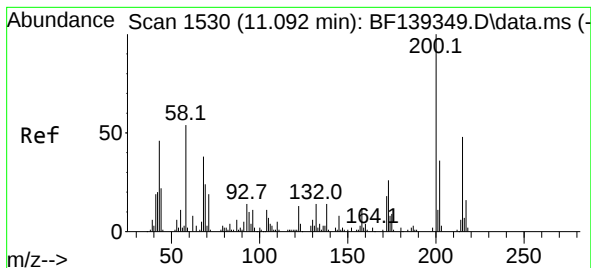
Tgt Ion:188 Resp: 229168
Ion Ratio Lower Upper
188 100
94 8.2 5.5 8.3
80 9.3 6.6 9.8



#67
4-Bromophenyl-phenylether
Concen: 6.086 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF139476.D
Acq: 19 Sep 2024 21:16

Tgt Ion:248 Resp: 13822
Ion Ratio Lower Upper
248 100
250 197.7 77.6 116.4#
141 545.1 66.9 100.3#





#69

Atrazine

Concen: 2.071 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.106 min

Lab File: BF139476.D

Acq: 19 Sep 2024 21:16

Instrument :

BNA_F

ClientSampleId :

COMP-1

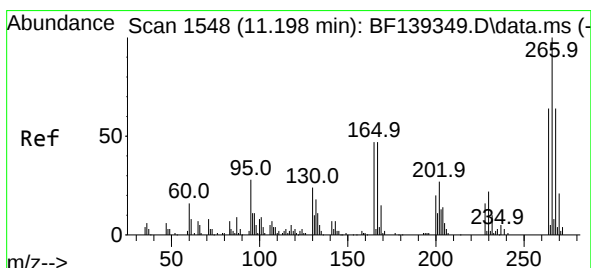
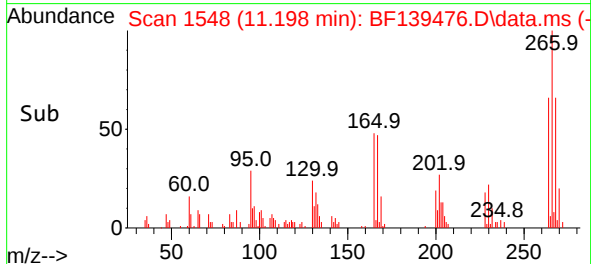
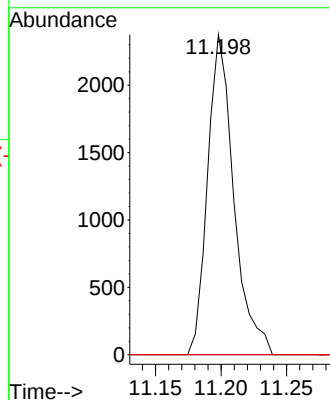
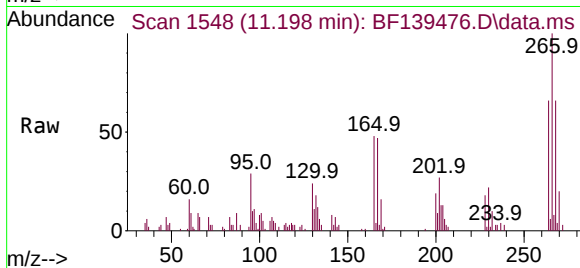
Tgt Ion:200 Resp: 3303

Ion Ratio Lower Upper

200 100

173 0.0 6.1 46.1#

215 0.0 28.2 68.2#



#70

Pentachlorophenol

Concen: 11.741 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139476.D

Acq: 19 Sep 2024 21:16

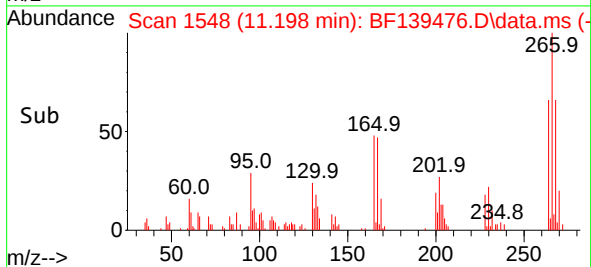
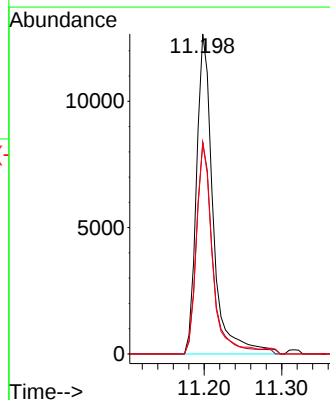
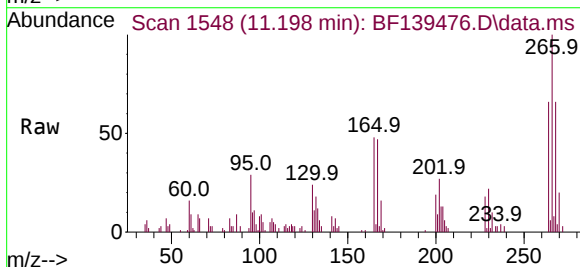
Tgt Ion:266 Resp: 18778

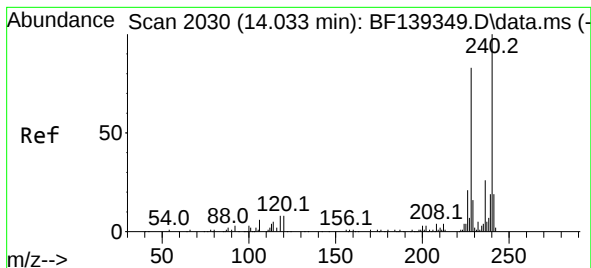
Ion Ratio Lower Upper

266 100

268 66.1 51.1 76.7

264 65.9 51.4 77.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139476.D

Acq: 19 Sep 2024 21:16

Instrument :

BNA_F

ClientSampleId :

COMP-1

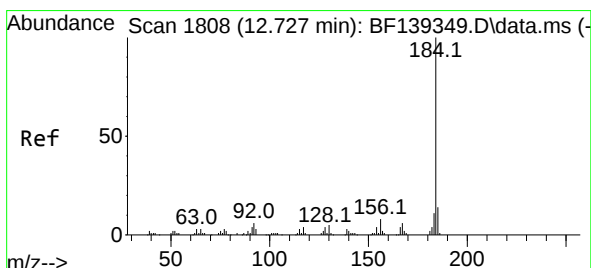
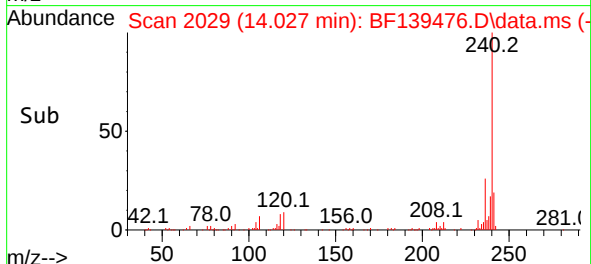
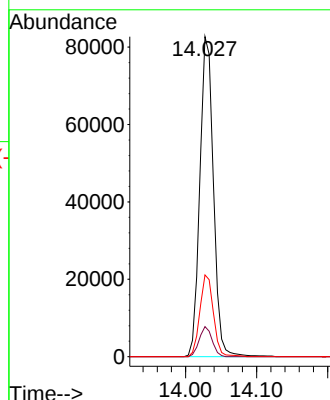
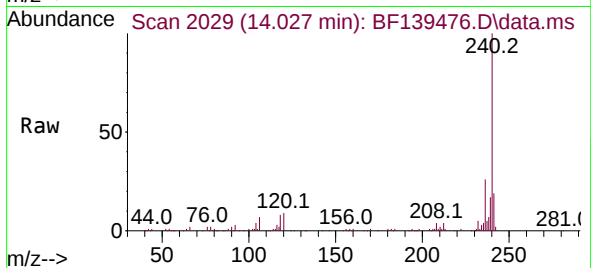
Tgt Ion:240 Resp: 110437

Ion Ratio Lower Upper

240 100

120 9.4 6.2 9.2#

236 25.6 20.9 31.3



#77

Benzidine

Concen: 6.885 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139476.D

Acq: 19 Sep 2024 21:16

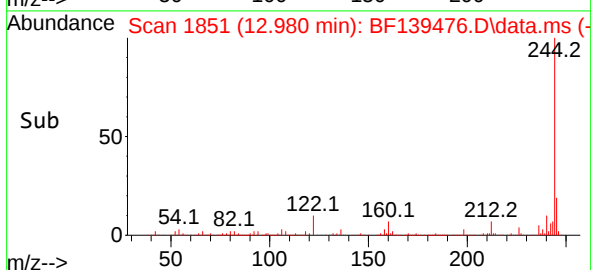
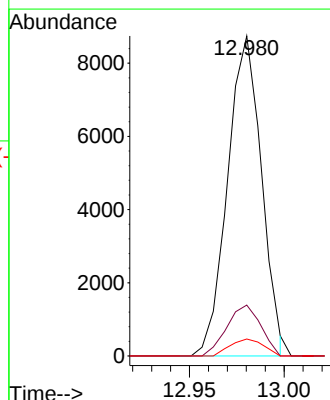
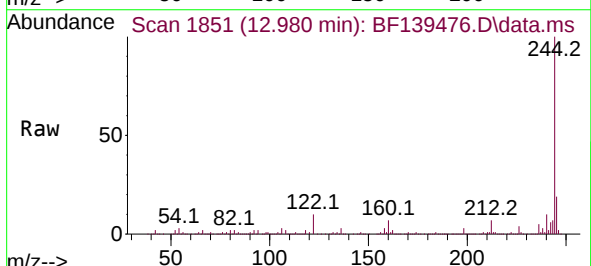
Tgt Ion:184 Resp: 10894

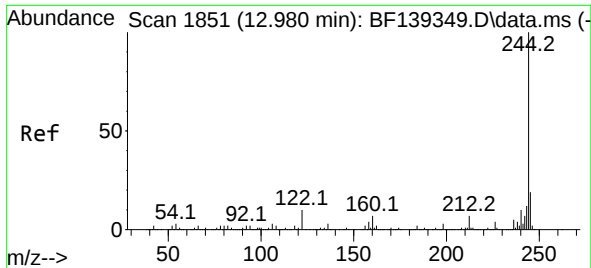
Ion Ratio Lower Upper

184 100

185 15.9 11.5 17.3

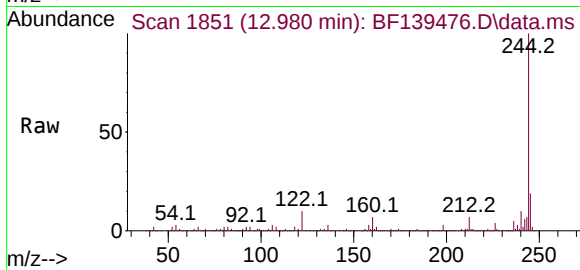
183 5.3 8.9 13.3#



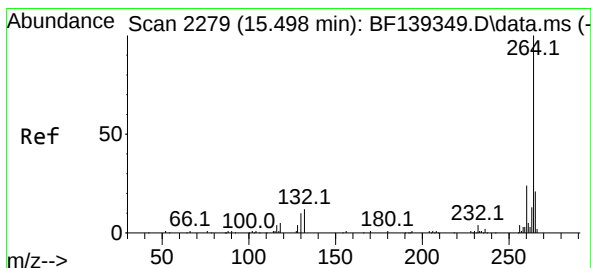
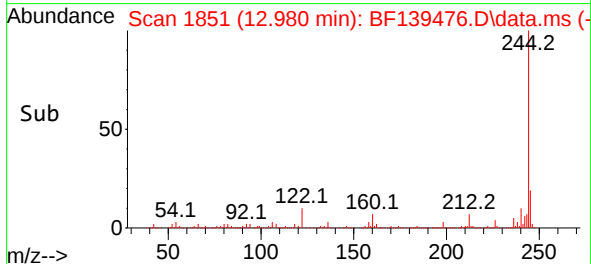
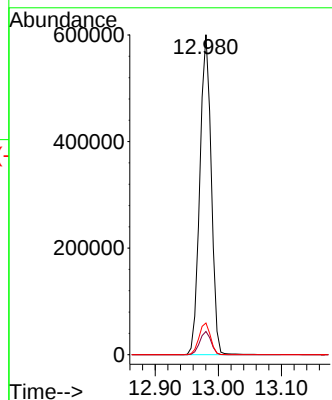


#79
 Terphenyl-d14
 Concen: 111.628 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF139476.D
 Acq: 19 Sep 2024 21:16

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1



Tgt Ion:244 Resp: 751065
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.9 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.498 min Scan# 2279
 Delta R.T. -0.000 min
 Lab File: BF139476.D
 Acq: 19 Sep 2024 21:16

Tgt Ion:264 Resp: 70324
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.5 29.3
 265 21.5 16.6 25.0

