

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
 Data File : BF139505.D
 Acq On : 20 Sep 2024 16:53
 Operator : RC/JU
 Sample : P4103-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-22A

Quant Time: Sep 20 17:31:13 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)

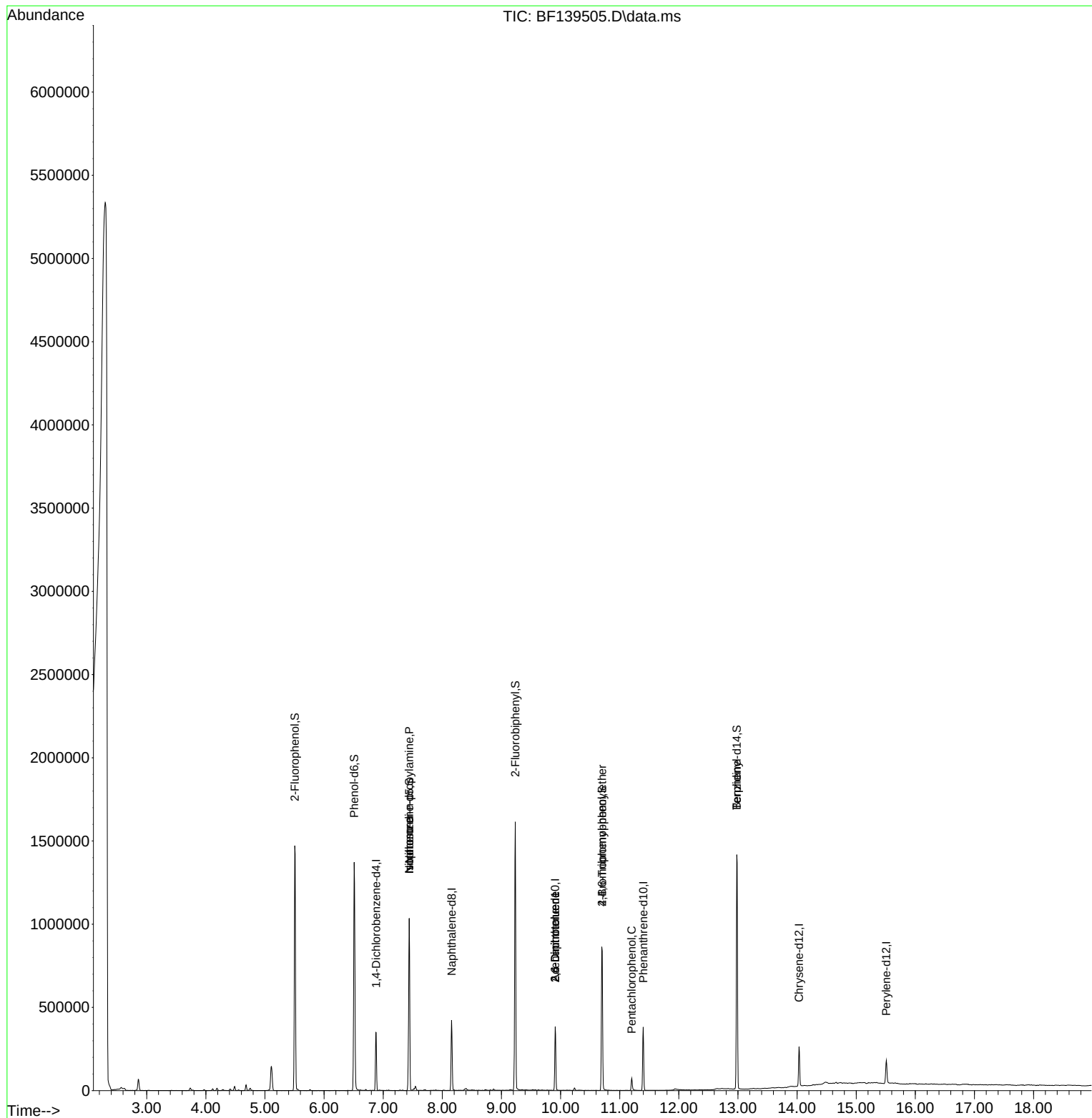
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69979	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	241063	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	108708	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	194594	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	109467	20.000	ng	0.00
86) Perylene-d12	15.509	264	83692	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	493717	115.095	ng	0.01
7) Phenol-d6	6.510	99	600801	106.706	ng	0.00
23) Nitrobenzene-d5	7.439	82	432984	84.439	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	133884	115.684	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	680172	87.754	ng	0.00
79) Terphenyl-d14	12.980	244	685238	102.747	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.439	70	60487	18.129	ng	# 75
25) Isophorone	7.439	82	432977	53.391	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	14250	9.015	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	14250	6.678	ng	# 16
67) 4-Bromophenyl-phenylether	10.704	248	9070	4.703	ng	# 1
70) Pentachlorophenol	11.204	266	12713	9.361	ng	98
77) Benzidine	12.980	184	10488	6.687	ng	# 91

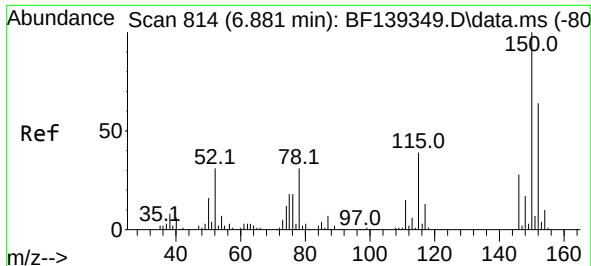
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092024\
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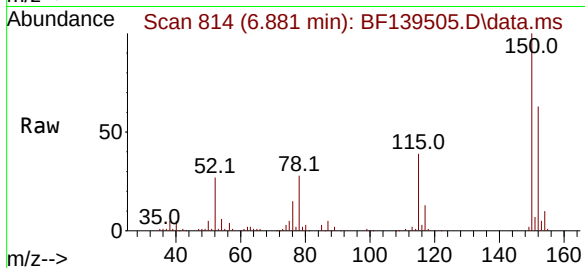
Quant Time: Sep 20 17:31:13 2024
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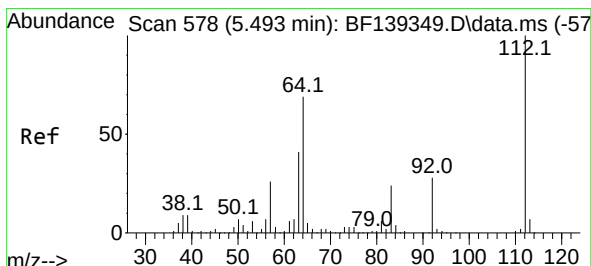
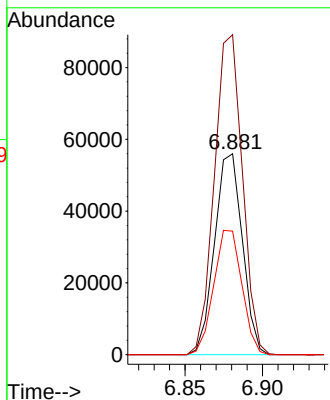
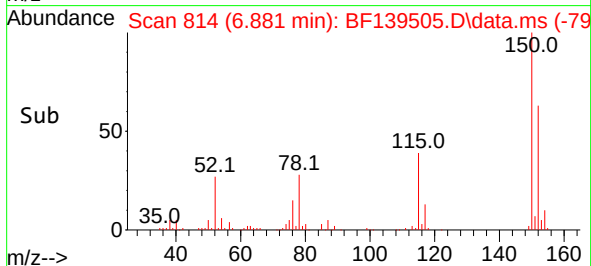


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

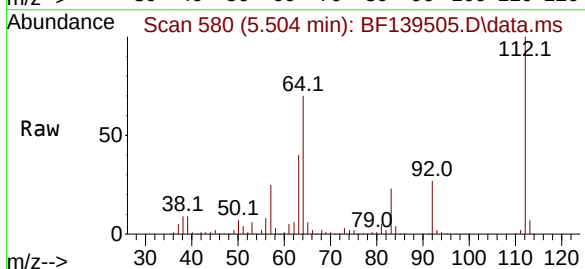
Instrument :
BNA_F
ClientSampleId :
WC-22A



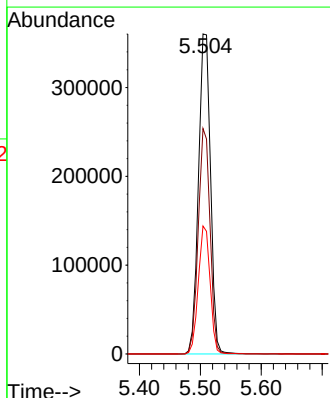
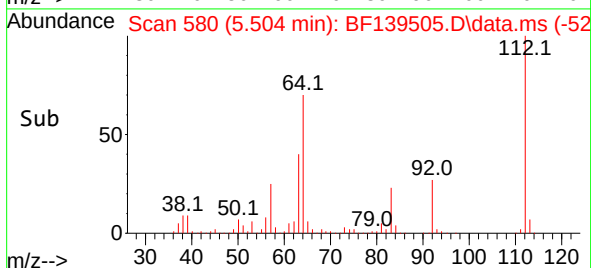
Tgt Ion:152 Resp: 69979
Ion Ratio Lower Upper
152 100
150 159.2 124.1 186.1
115 61.5 48.1 72.1

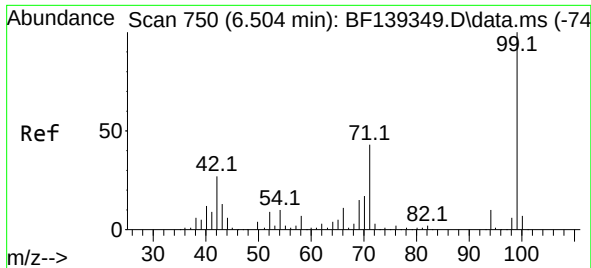


#5
2-Fluorophenol
Concen: 115.095 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.011 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53



Tgt Ion:112 Resp: 493717
Ion Ratio Lower Upper
112 100
64 70.5 54.8 82.2
63 40.0 33.0 49.4

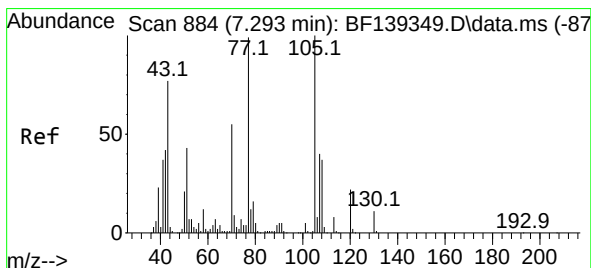
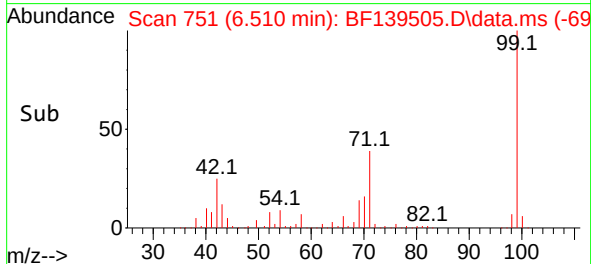
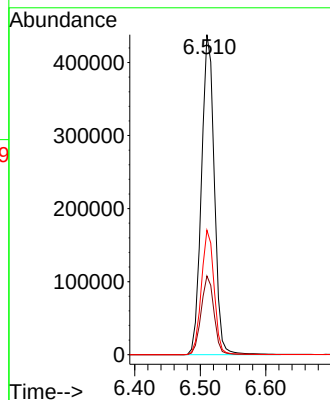
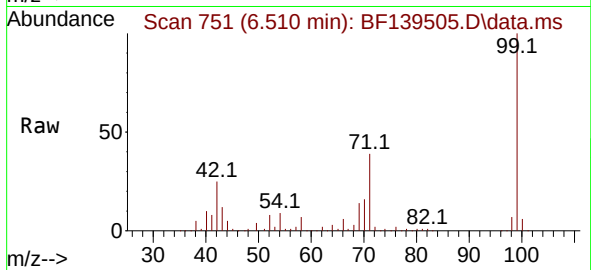




#7
Phenol-d6
Concen: 106.706 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

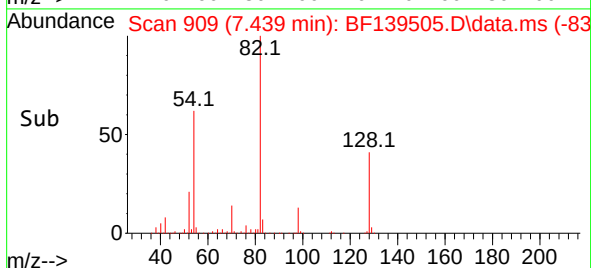
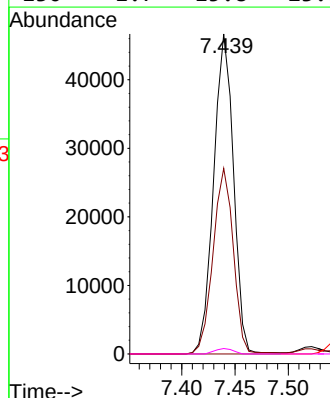
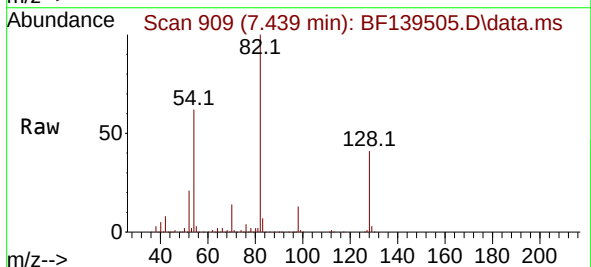
Instrument :
BNA_F
ClientSampleId :
WC-22A

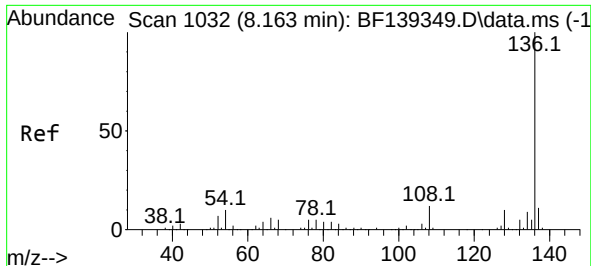
Tgt Ion: 99 Resp: 600801
Ion Ratio Lower Upper
99 100
42 24.6 21.9 32.9
71 38.9 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 18.129 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.147 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

Tgt Ion: 70 Resp: 60487
Ion Ratio Lower Upper
70 100
42 58.0 61.2 91.8#
101 0.0 7.5 11.3#
130 1.7 15.8 23.8#

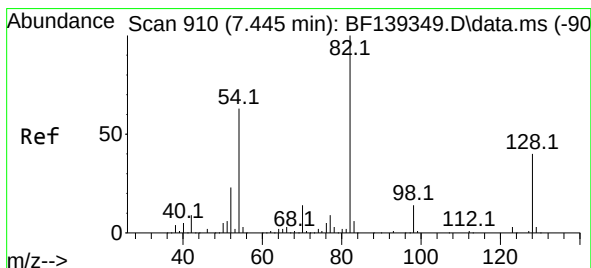
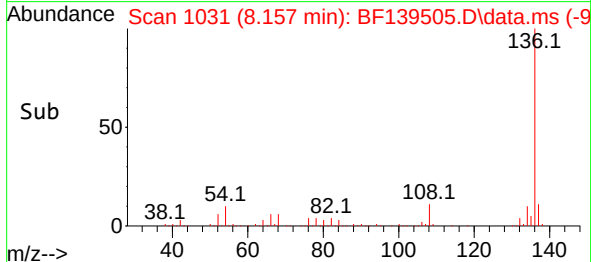
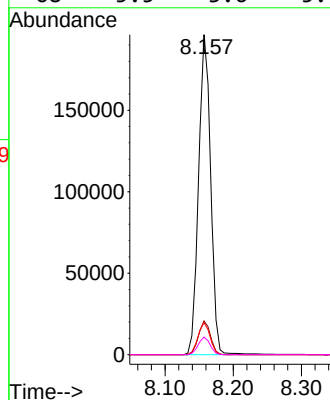
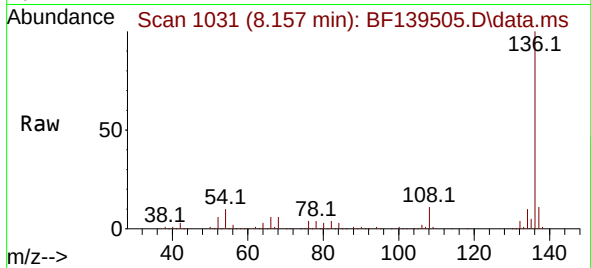




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

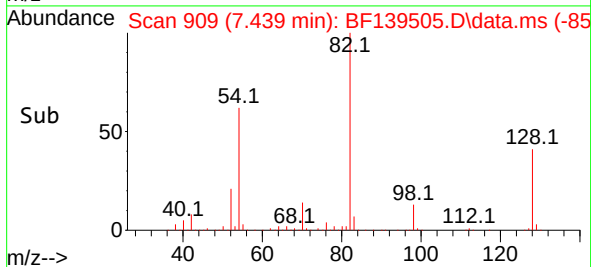
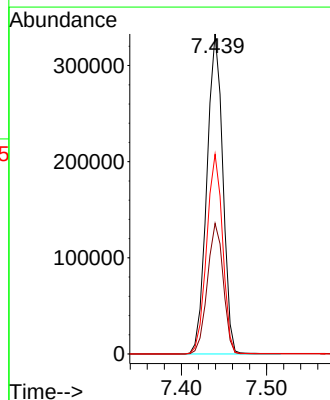
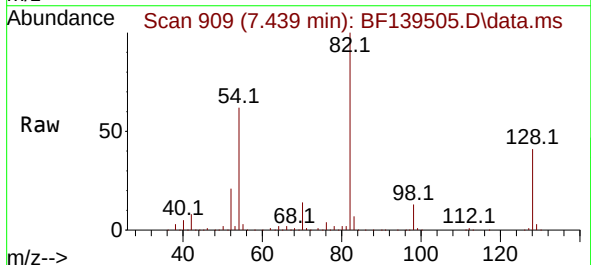
Instrument :
BNA_F
ClientSampleId :
WC-22A

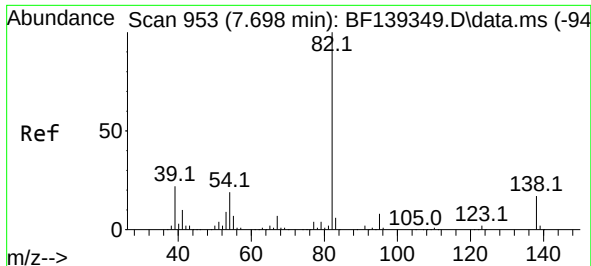
Tgt Ion:	136	Resp:	241063
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	10.0	7.8	11.8
68	5.5	3.6	5.4



#23
Nitrobenzene-d5
Concen: 84.439 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

Tgt Ion:	82	Resp:	432984
Ion	Ratio	Lower	Upper
82	100		
128	40.8	31.8	47.6
54	62.4	50.6	75.8

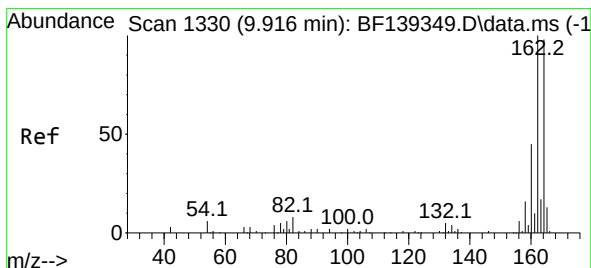
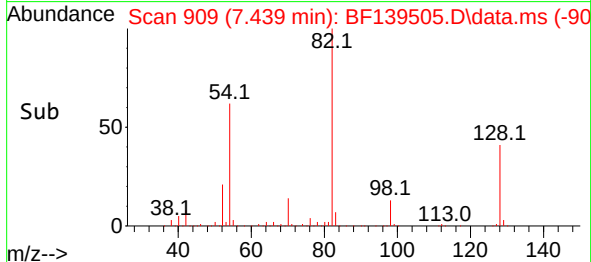
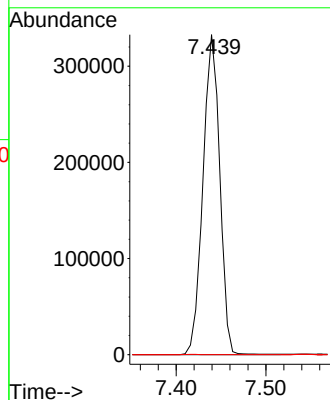
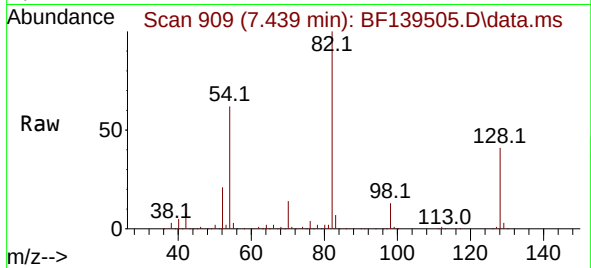




#25
Isophorone
Concen: 53.391 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

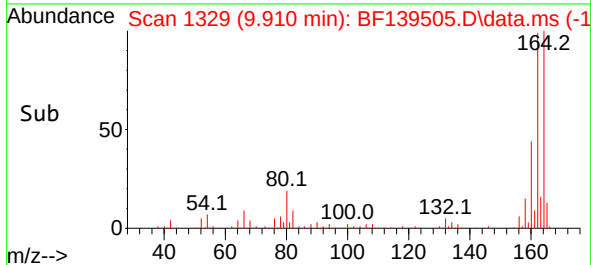
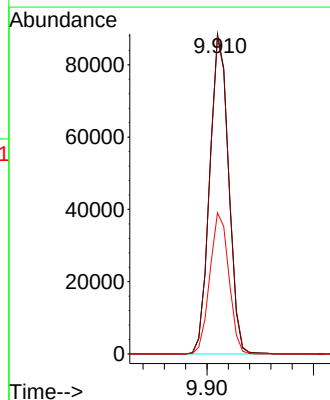
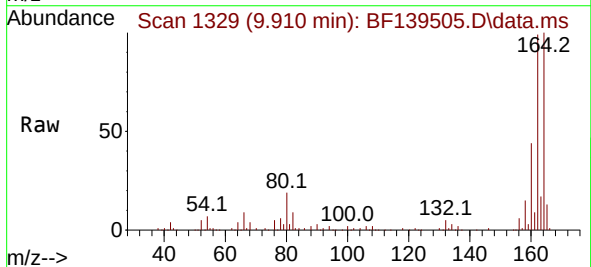
Instrument :
BNA_F
ClientSampleId :
WC-22A

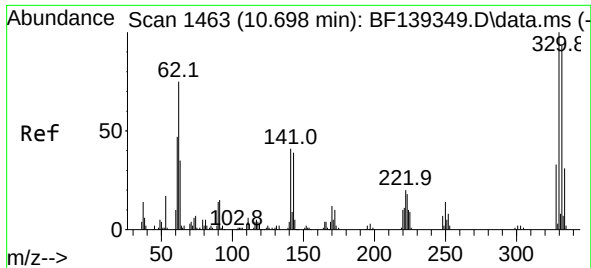
Tgt Ion: 82 Resp: 432977
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

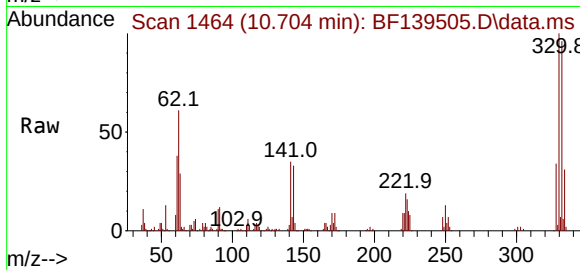
Tgt Ion:164 Resp: 108708
Ion Ratio Lower Upper
164 100
162 98.9 81.3 121.9
160 44.1 36.4 54.6



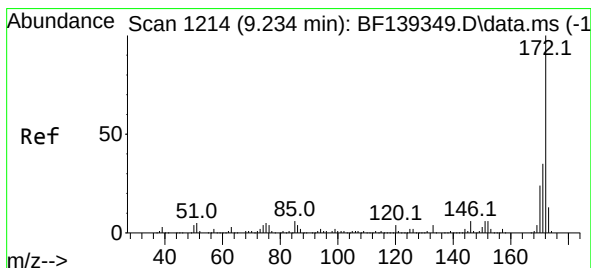
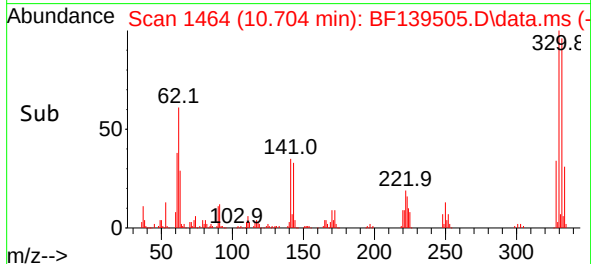
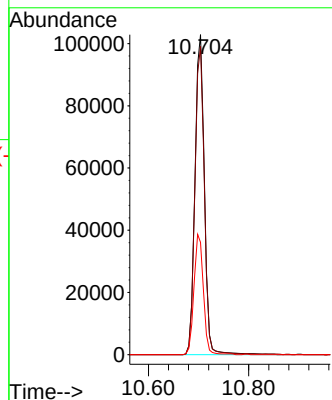


#42
2,4,6-Tribromophenol
Concen: 115.684 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

Instrument :
BNA_F
ClientSampleId :
WC-22A

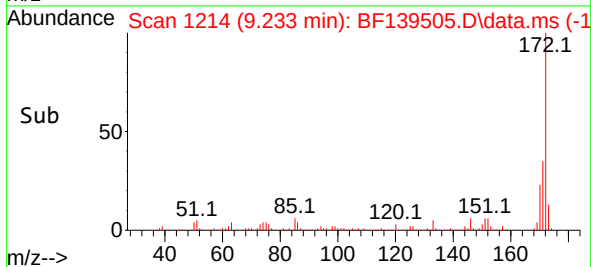
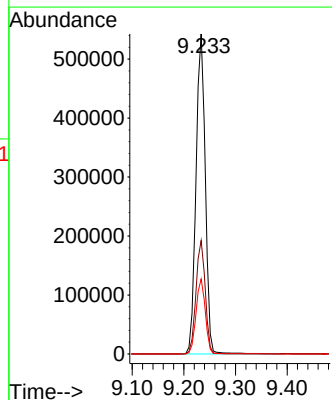
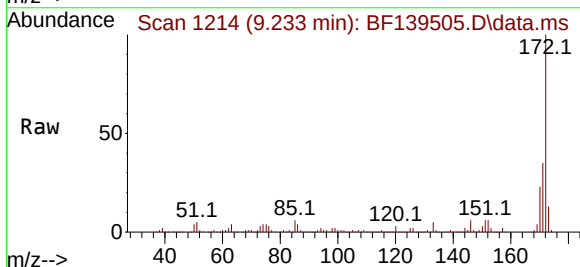


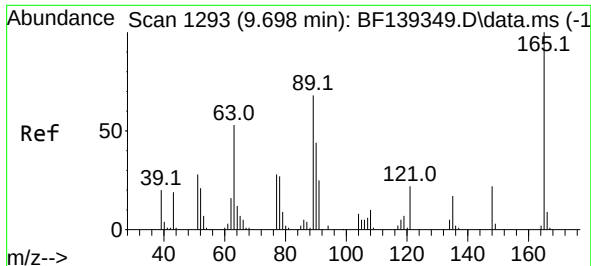
Tgt Ion:330 Resp: 133884
Ion Ratio Lower Upper
330 100
332 96.5 75.2 112.8
141 37.6 31.2 46.8



#45
2-Fluorobiphenyl
Concen: 87.754 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

Tgt Ion:172 Resp: 680172
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.5 19.0 28.6





#51

2,6-Dinitrotoluene

Concen: 9.015 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139505.D

Acq: 20 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

WC-22A

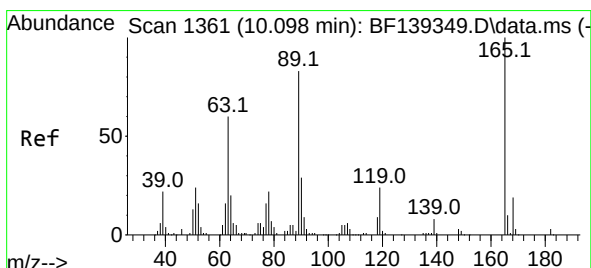
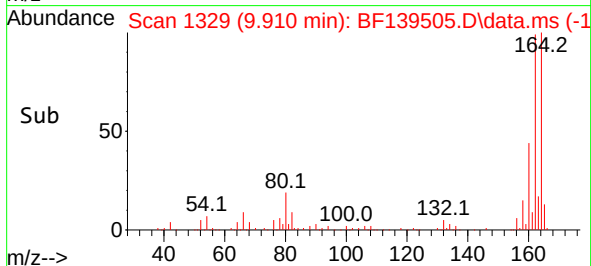
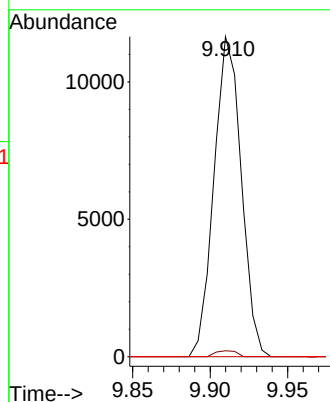
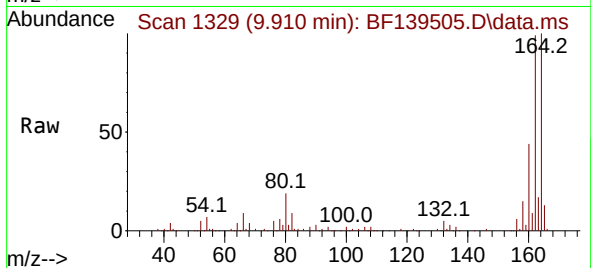
Tgt Ion:165 Resp: 14250

Ion Ratio Lower Upper

165 100

63 1.9 60.9 91.3#

89 0.0 54.7 82.1#



#57

2,4-Dinitrotoluene

Concen: 6.678 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.188 min

Lab File: BF139505.D

Acq: 20 Sep 2024 16:53

Tgt Ion:165 Resp: 14250

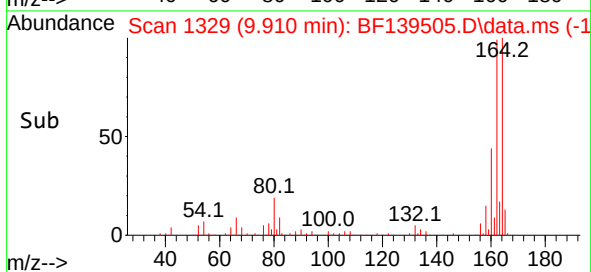
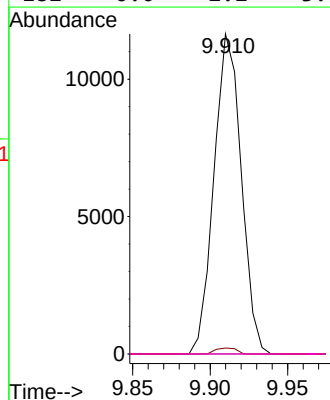
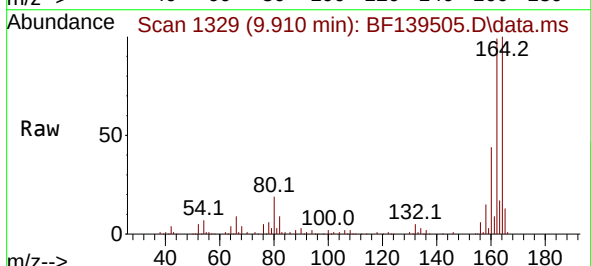
Ion Ratio Lower Upper

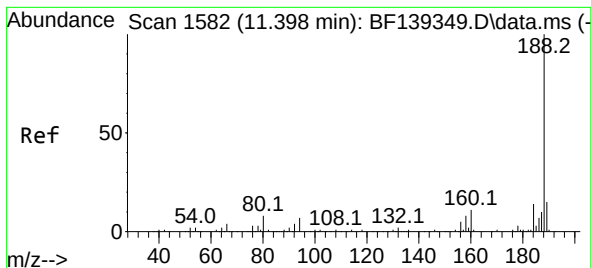
165 100

63 1.9 47.8 71.6#

89 0.0 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: BF139505.D

Acq: 20 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

WC-22A

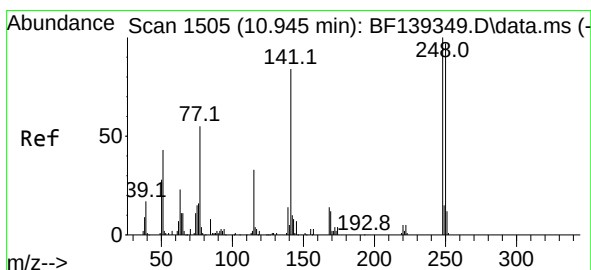
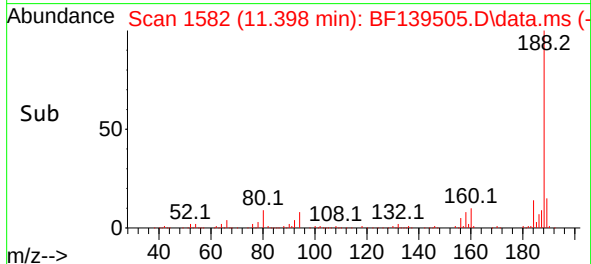
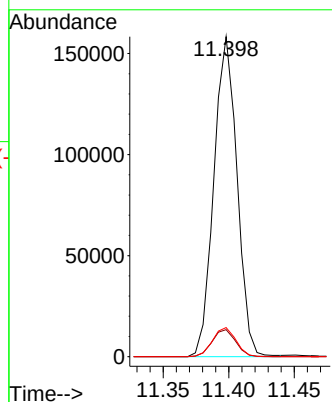
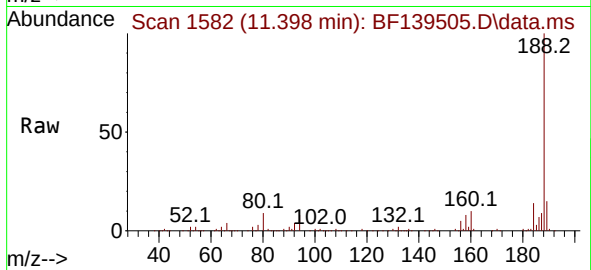
Tgt Ion:188 Resp: 194594

Ion Ratio Lower Upper

188 100

94 8.4 5.5 8.3#

80 9.1 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 4.703 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF139505.D

Acq: 20 Sep 2024 16:53

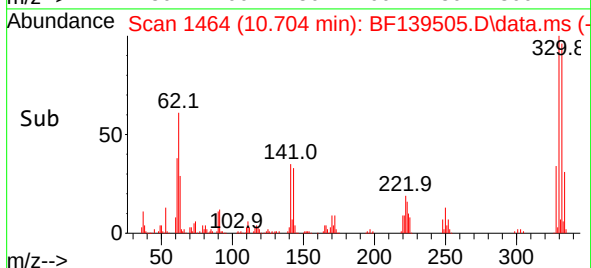
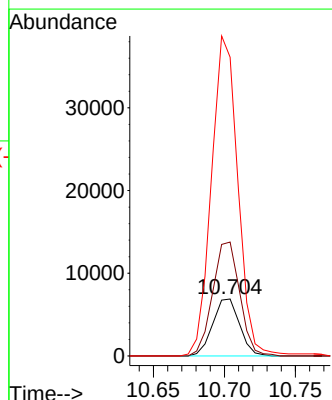
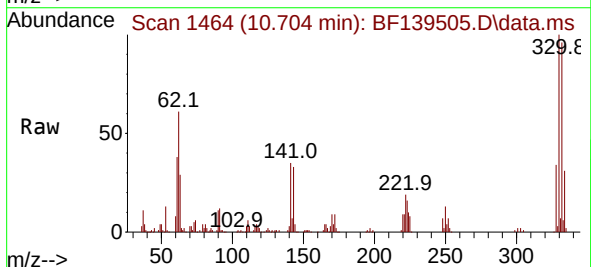
Tgt Ion:248 Resp: 9070

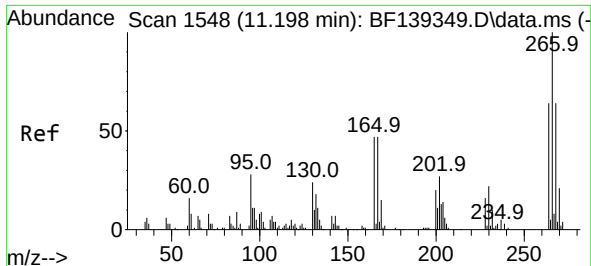
Ion Ratio Lower Upper

248 100

250 200.2 77.6 116.4#

141 525.1 66.9 100.3#

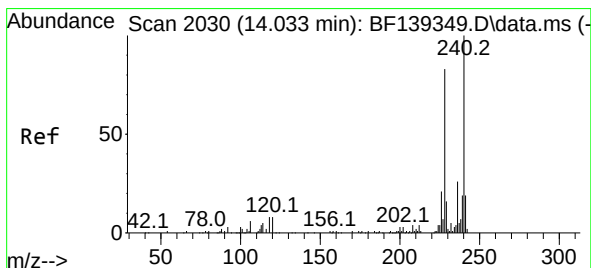
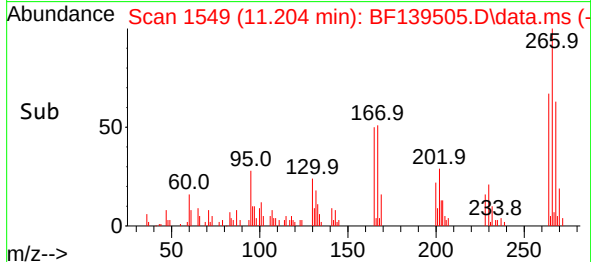
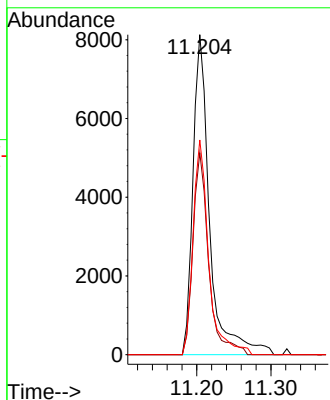
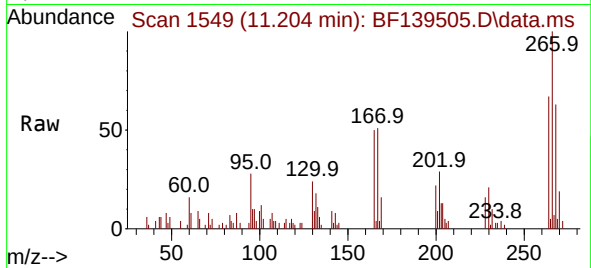




#70
Pentachlorophenol
Concen: 9.361 ng
RT: 11.204 min Scan# 1549
Delta R.T. 0.006 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

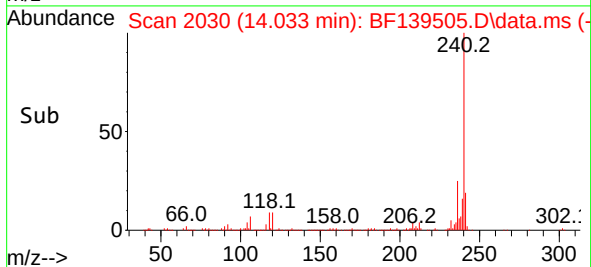
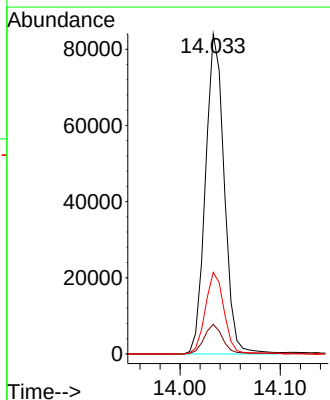
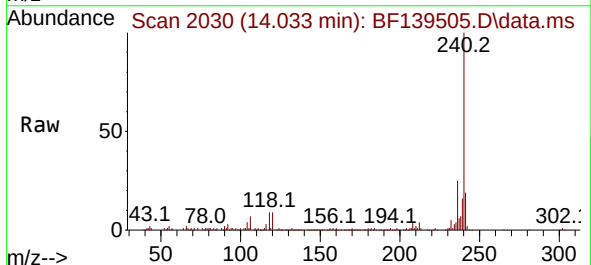
Instrument :
BNA_F
ClientSampleId :
WC-22A

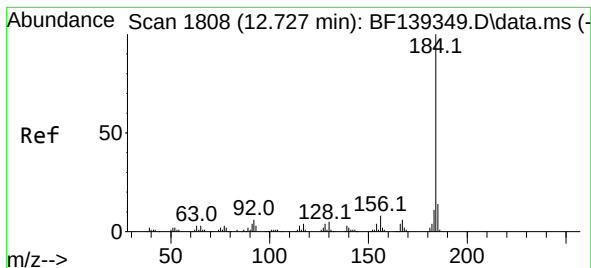
Tgt Ion:266 Resp: 12713
Ion Ratio Lower Upper
266 100
268 63.1 51.1 76.7
264 67.1 51.4 77.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BF139505.D
Acq: 20 Sep 2024 16:53

Tgt Ion:240 Resp: 109467
Ion Ratio Lower Upper
240 100
120 9.2 6.2 9.2
236 25.5 20.9 31.3





#77

Benzidine

Concen: 6.687 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139505.D

Acq: 20 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

WC-22A

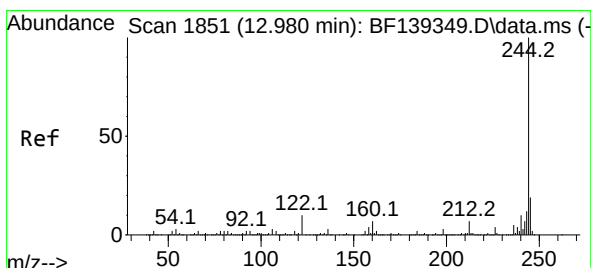
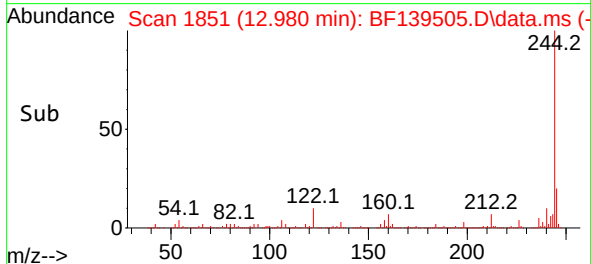
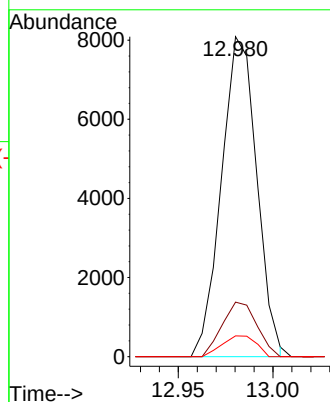
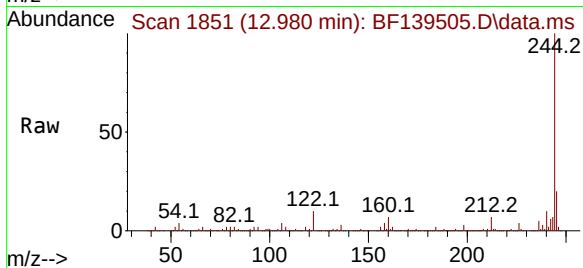
Tgt Ion:184 Resp: 10488

Ion Ratio Lower Upper

184 100

185 17.0 11.5 17.3

183 6.5 8.9 13.3#



#79

Terphenyl-d14

Concen: 102.747 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.000 min

Lab File: BF139505.D

Acq: 20 Sep 2024 16:53

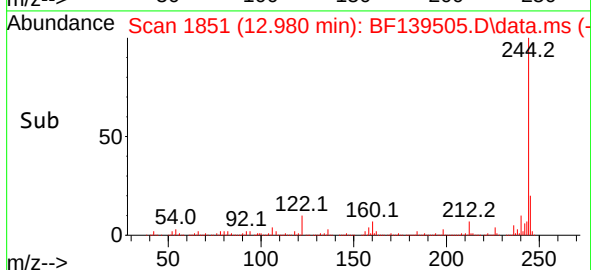
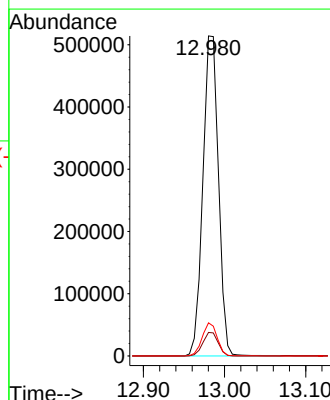
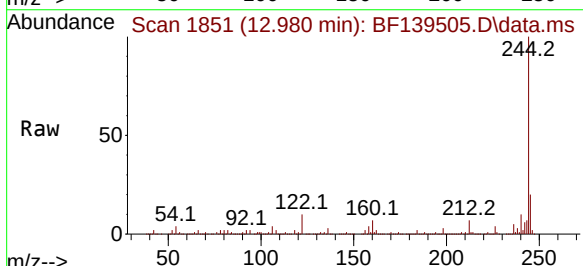
Tgt Ion:244 Resp: 685238

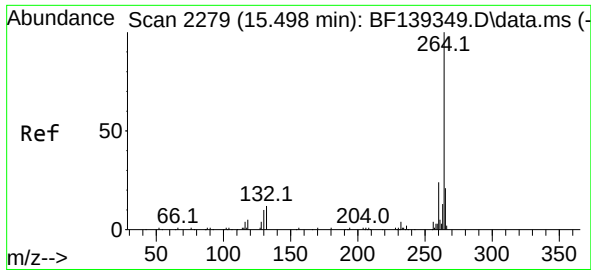
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.3 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139505.D

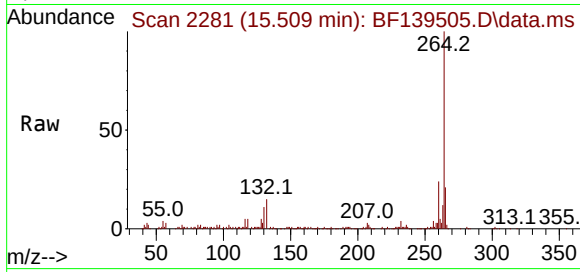
Acq: 20 Sep 2024 16:53

Instrument :

BNA_F

ClientSampleId :

WC-22A



Tgt Ion:264 Resp: 83692

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.1 16.6 25.0

