

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)

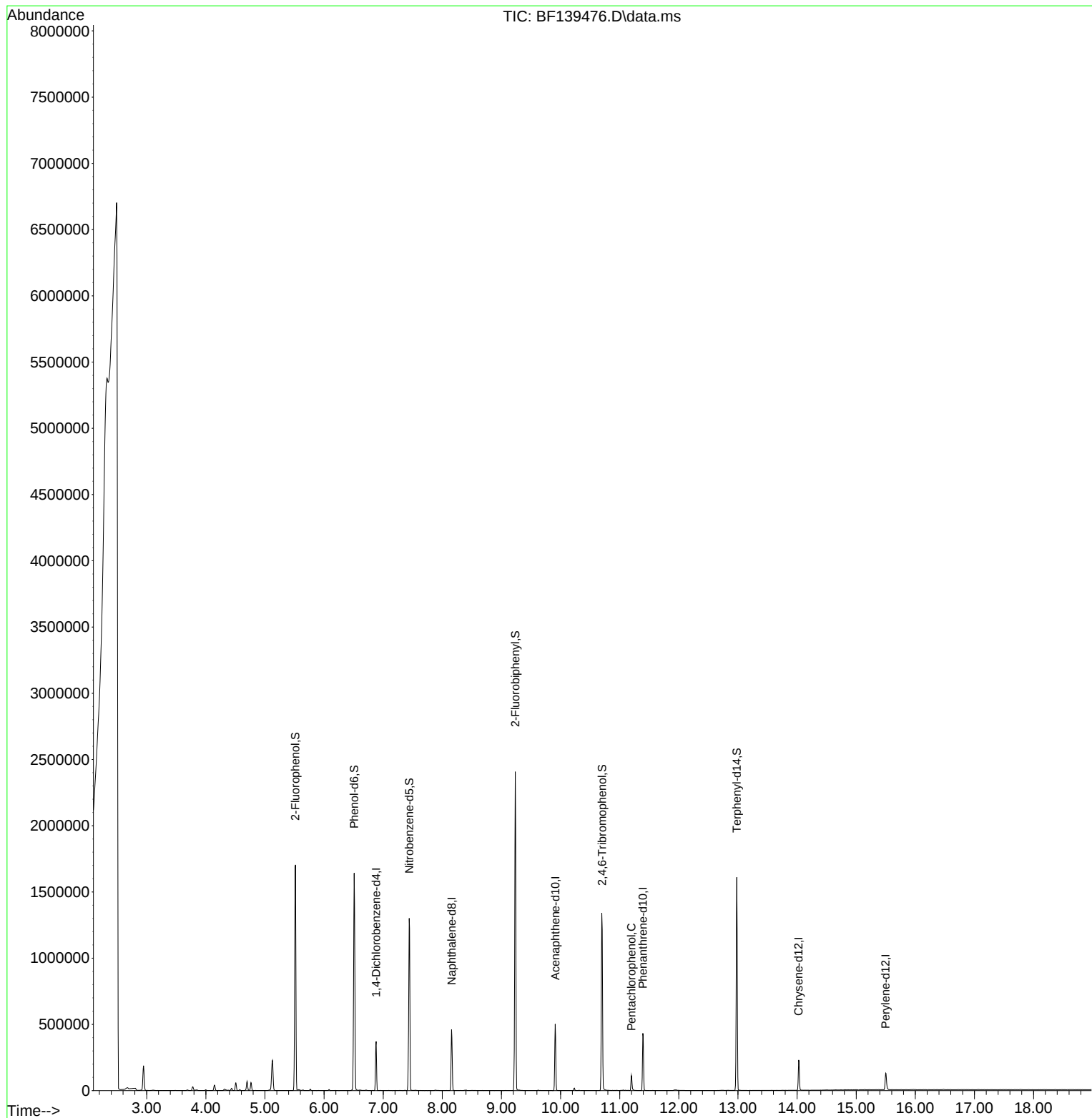
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	72677	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	265296	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	142423	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	229168	20.000	ng	0.00
76) Chrysene-d12	14.027	240	110437	20.000	ng	# 0.00
86) Perylene-d12	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						
70) Pentachlorophenol	11.198	266	18778	11.741	ng	Qvalue 97

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

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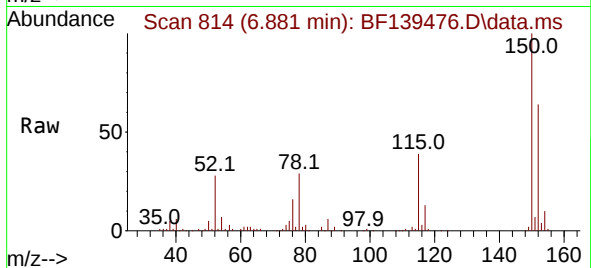
Quant Time: Sep 20 01:39:49 2024
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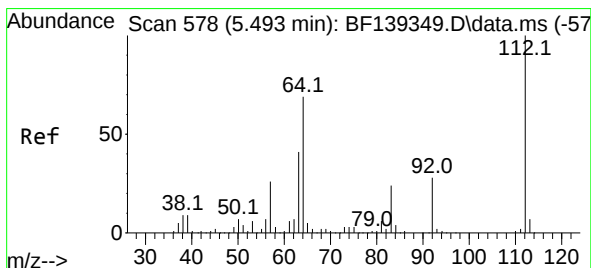
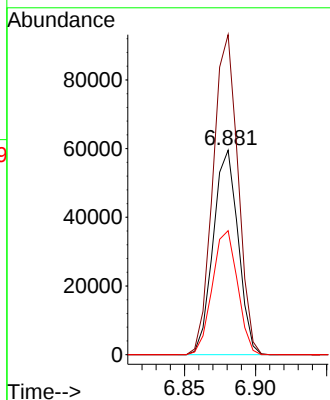
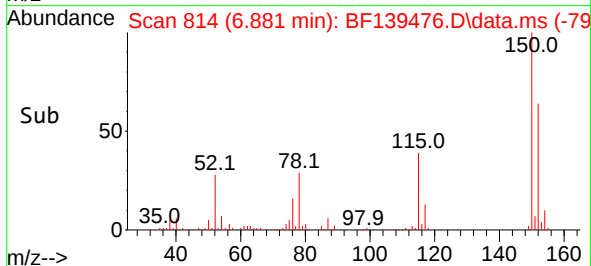


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139476.D
Acq: 19 Sep 2024 21:16

Instrument :
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COMP-1

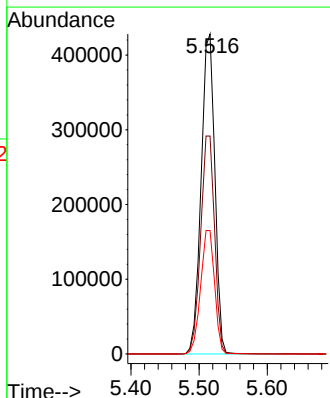
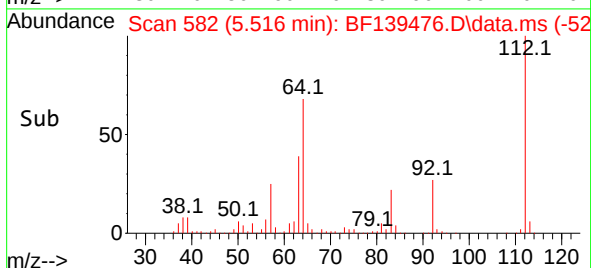
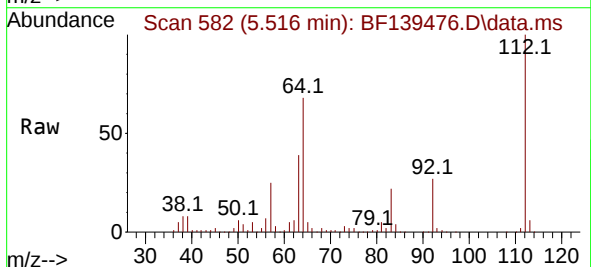


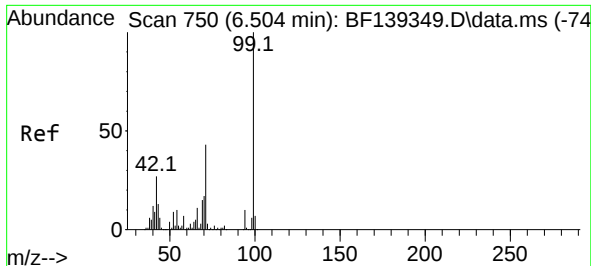
Tgt Ion:152 Resp: 72677
Ion Ratio Lower Upper
152 100
150 156.5 124.1 186.1
115 60.7 48.1 72.1



#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

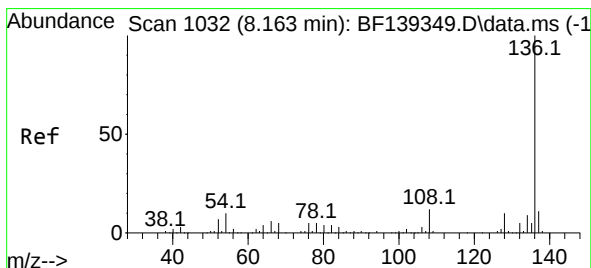
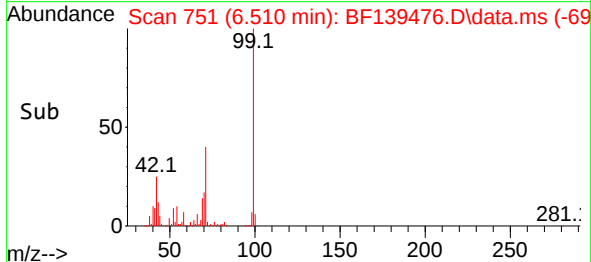
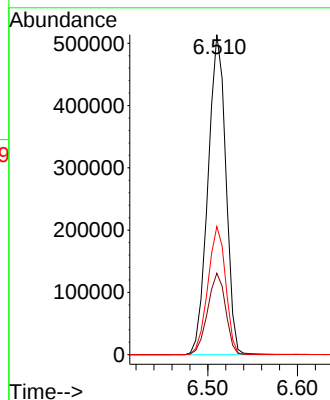
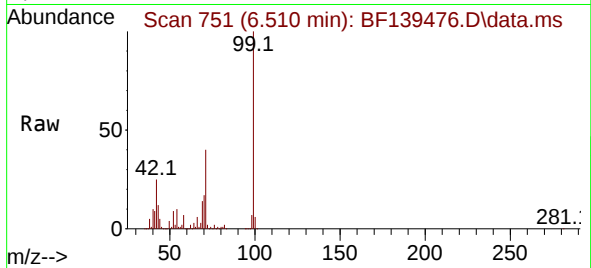




#7
Phenol-d6
Concen: 121.589 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139476.D
Acq: 19 Sep 2024 21:16

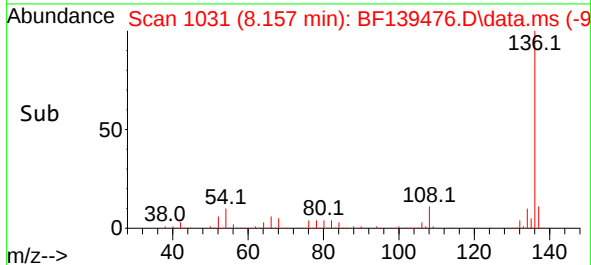
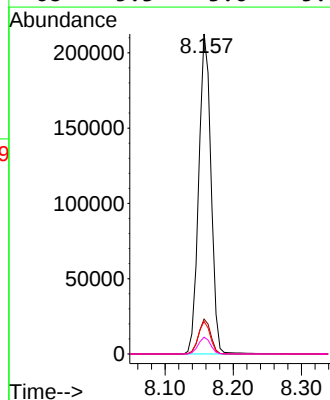
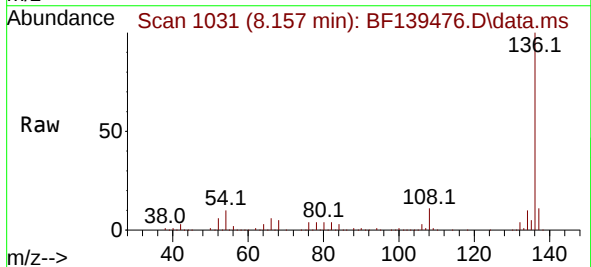
Instrument :
BNA_F
ClientSampleId :
COMP-1

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



#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

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

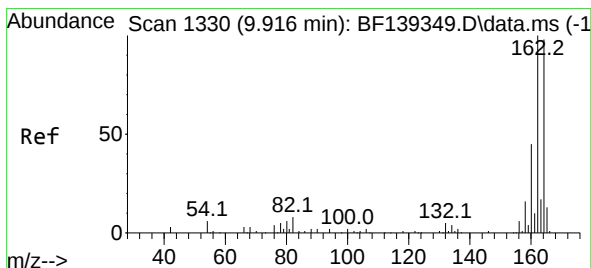
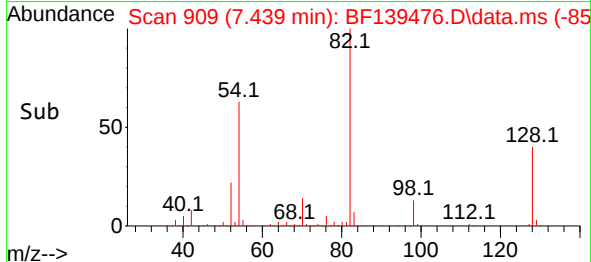
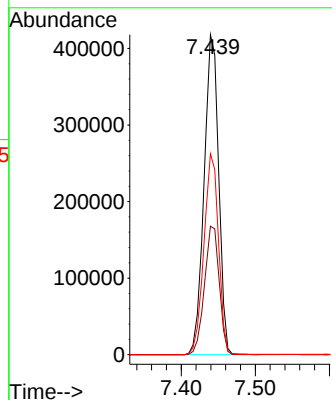
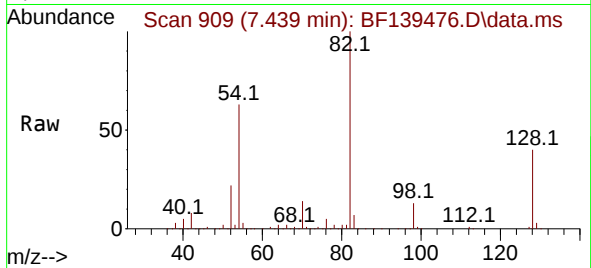




#23
Nitrobenzene-d5
Concen: 101.419 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF139476.D
Acq: 19 Sep 2024 21:16

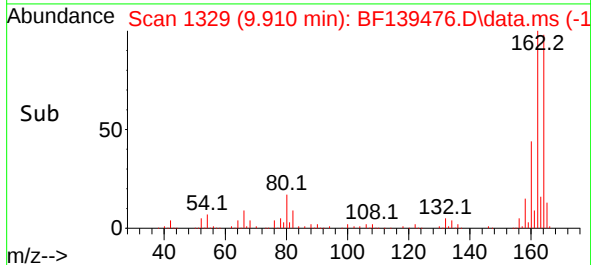
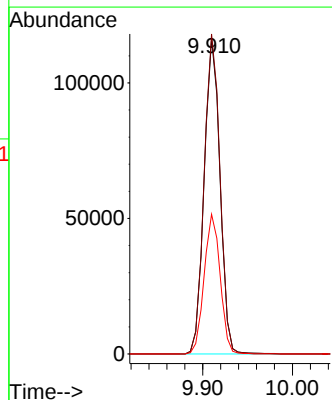
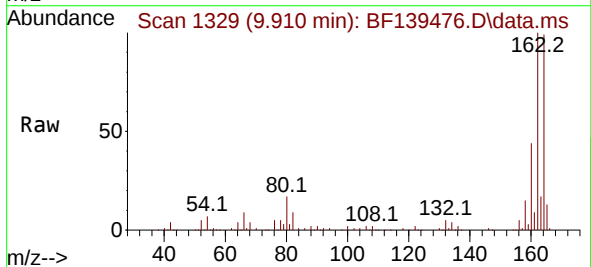
Instrument :
BNA_F
ClientSampleId :
COMP-1

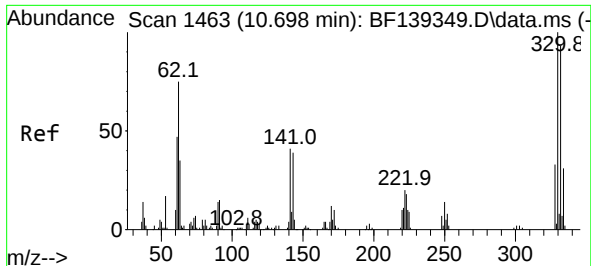
Tgt Ion: 82 Resp: 572327
Ion Ratio Lower Upper
82 100
128 40.2 31.8 47.6
54 62.8 50.6 75.8



#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

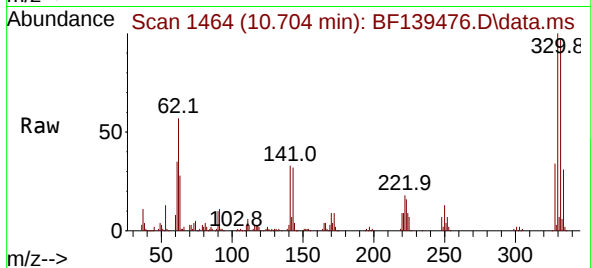
Tgt Ion:164 Resp: 142423
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 44.3 36.4 54.6



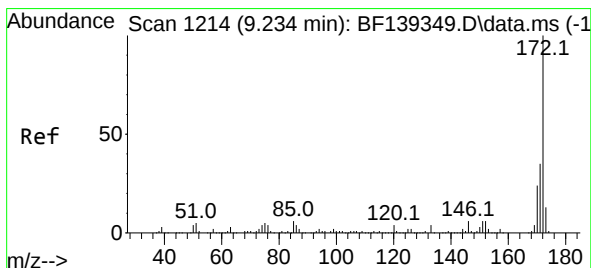
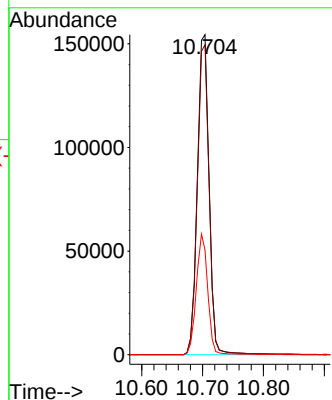
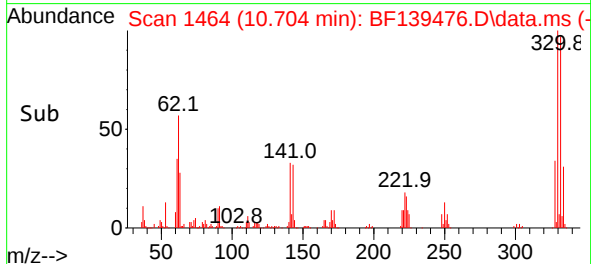


#42
2,4,6-Tribromophenol
Concen: 137.191 ng
RT: 10.704 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BF139476.D
Acq: 19 Sep 2024 21:16

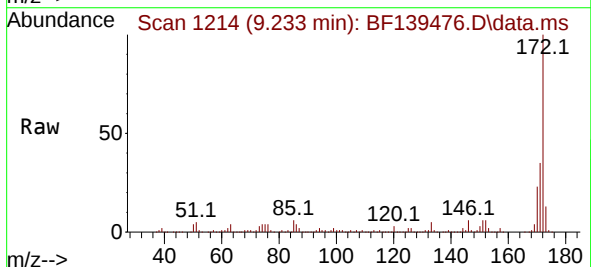
Instrument :
BNA_F
ClientSampleId :
COMP-1



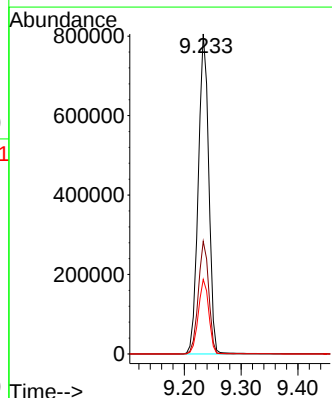
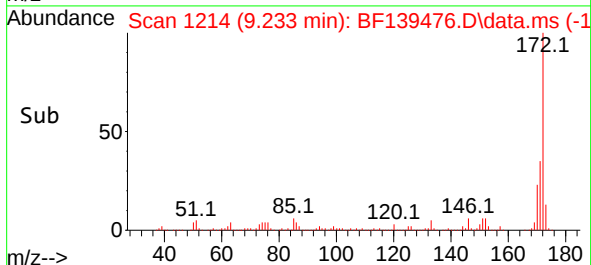
Tgt Ion: 330 Resp: 208018
Ion Ratio Lower Upper
330 100
332 96.8 75.2 112.8
141 36.8 31.2 46.8



#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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF139476.D

Acq: 19 Sep 2024 21:16

Instrument :

BNA_F

ClientSampleId :

COMP-1

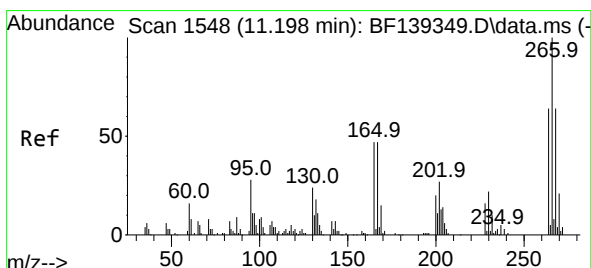
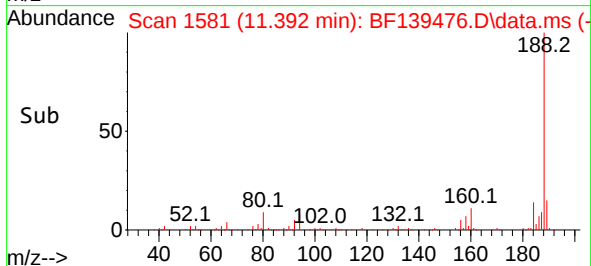
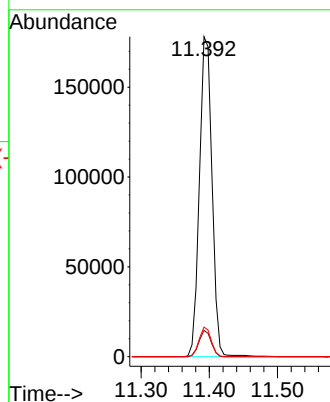
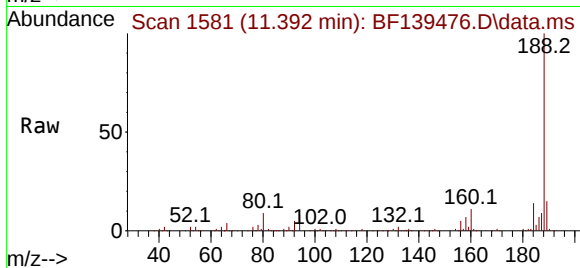
Tgt Ion:188 Resp: 229168

Ion Ratio Lower Upper

188 100

94 8.2 5.5 8.3

80 9.3 6.6 9.8



#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

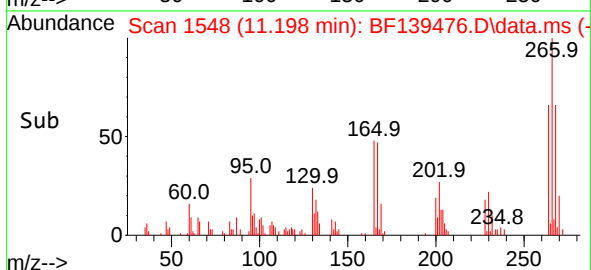
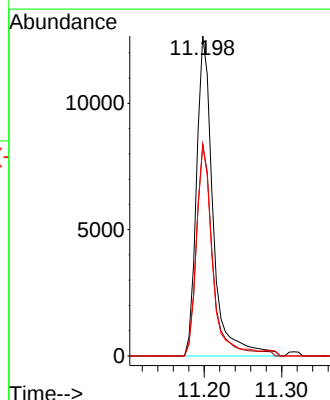
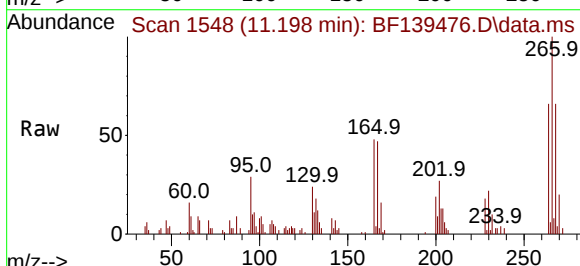
Tgt Ion:266 Resp: 18778

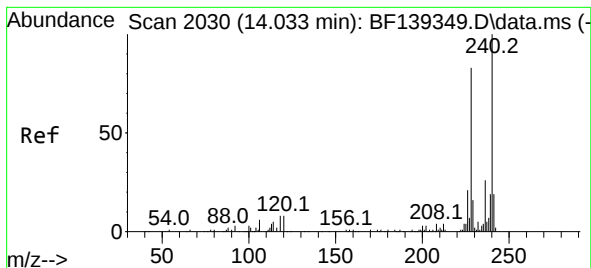
Ion Ratio Lower Upper

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

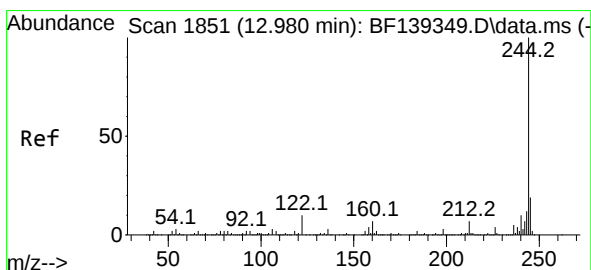
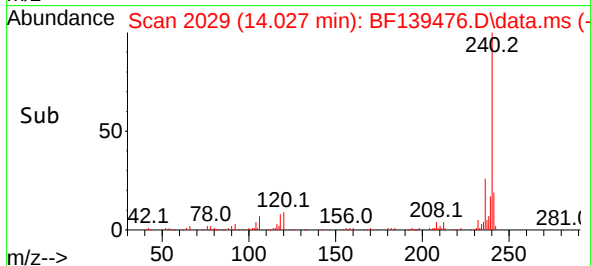
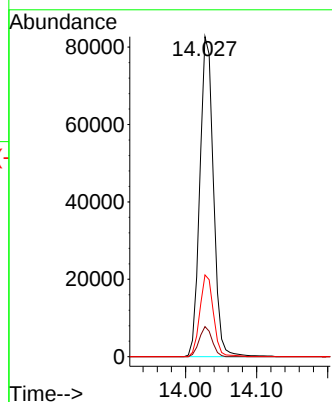
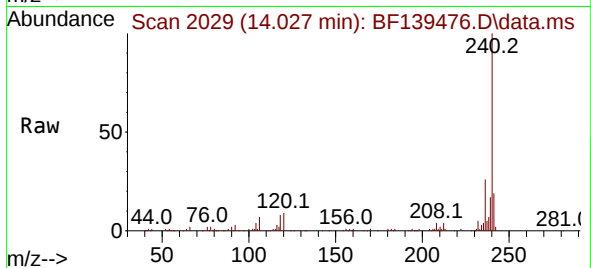
Tgt Ion:240 Resp: 110437

Ion Ratio Lower Upper

240 100

120 9.4 6.2 9.2#

236 25.6 20.9 31.3



#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

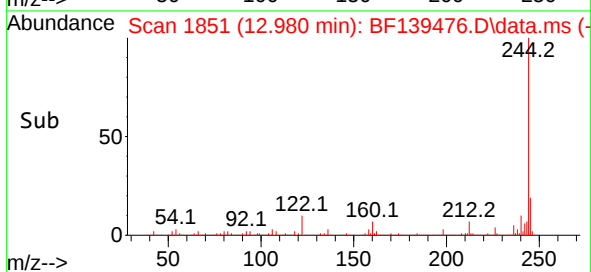
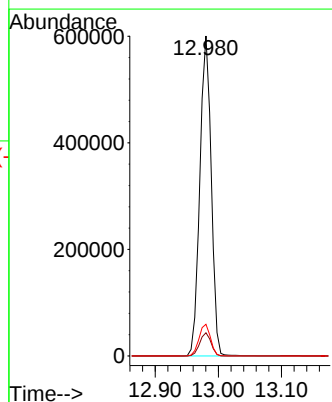
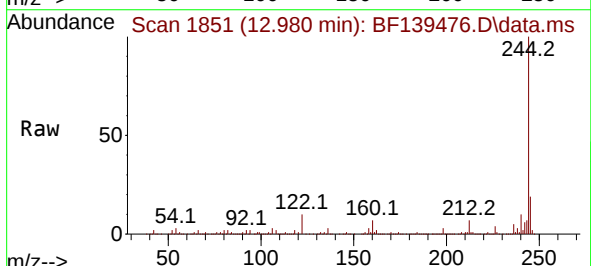
Tgt Ion:244 Resp: 751065

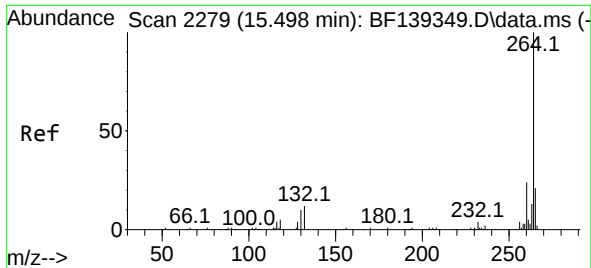
Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

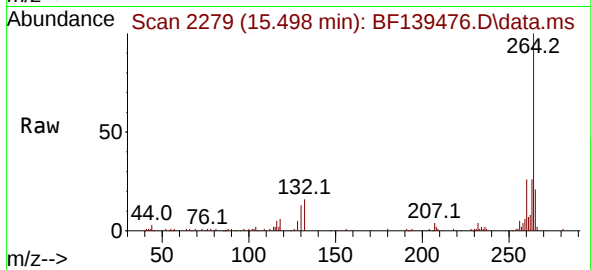
122 9.9 7.6 11.4





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

Instrument :
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 ClientSampleId :
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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

