

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091224\
 Data File : BF139342.D
 Acq On : 12 Sep 2024 16:48
 Operator : RC/JU
 Sample : P3949-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BREAKER-2546-BASE

Quant Time: Sep 12 17:30:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	46106	20.000	ng	-0.02
21) Naphthalene-d8	8.157	136	176633	20.000	ng	-0.02
39) Acenaphthene-d10	9.916	164	95989	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	181154	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	95174	20.000	ng	#-0.02
86) Perylene-d12	15.504	264	85325	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	162750	59.051	ng	0.00
7) Phenol-d6	6.498	99	274630	74.641	ng	-0.02
23) Nitrobenzene-d5	7.440	82	225365	66.376	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	42719	51.538	ng	-0.02
45) 2-Fluorobiphenyl	9.234	172	444363	71.460	ng	-0.02
79) Terphenyl-d14	12.986	244	450477	76.421	ng	-0.01

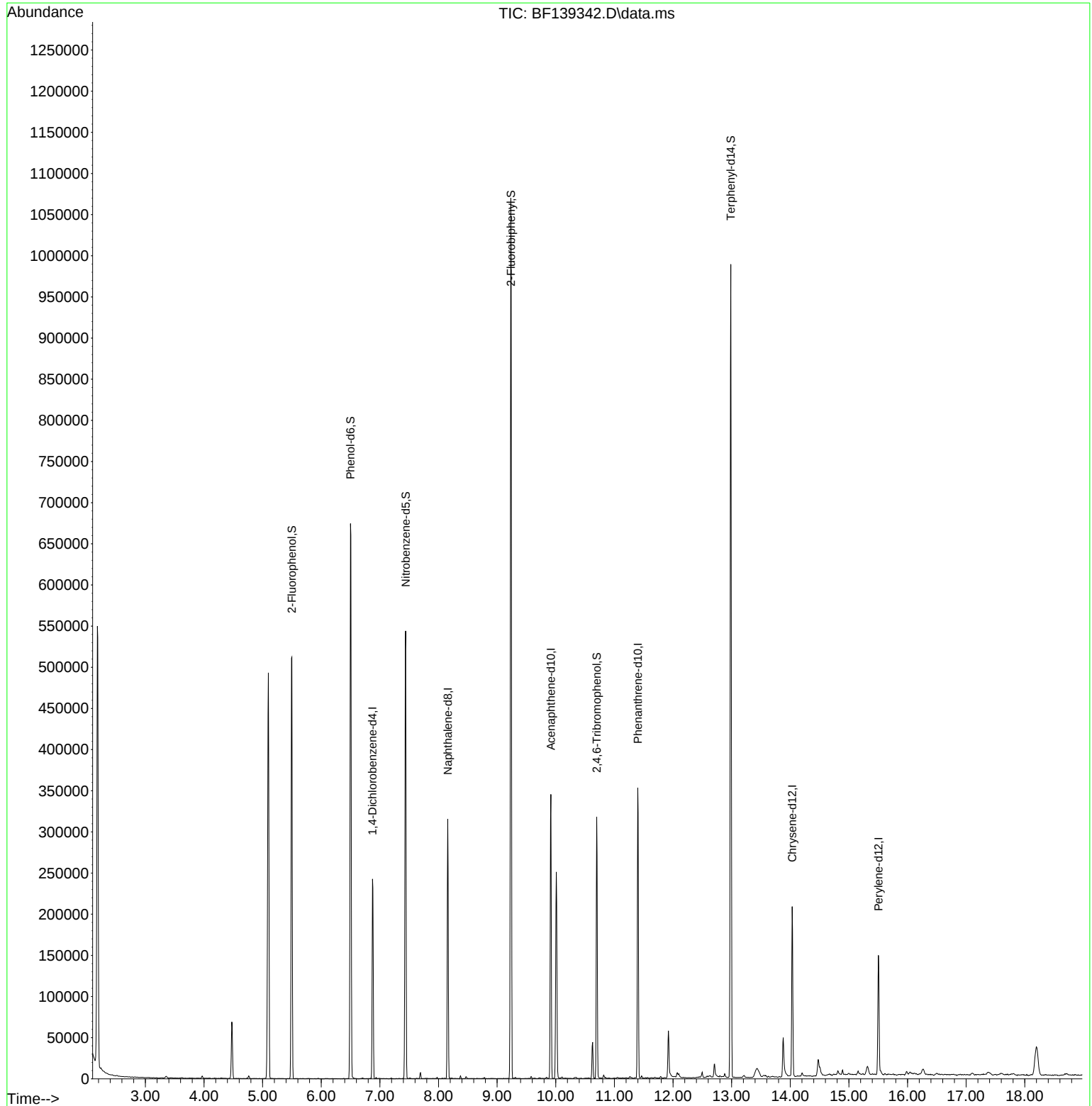
Target Compounds Qvalue

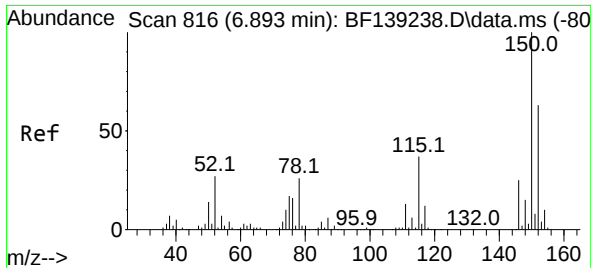
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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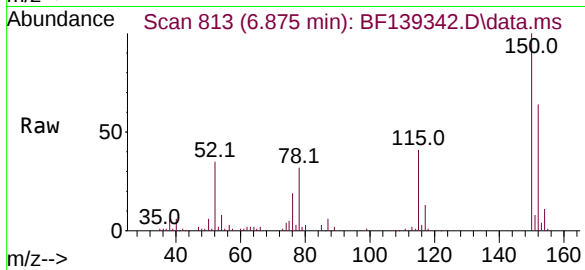
Quant Time: Sep 12 17:30:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
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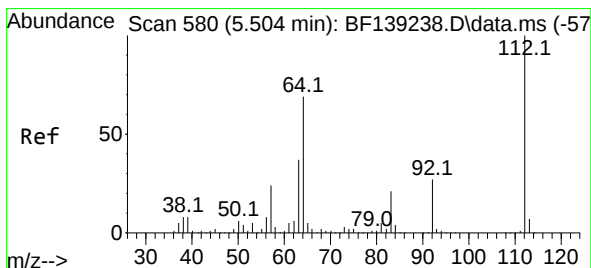
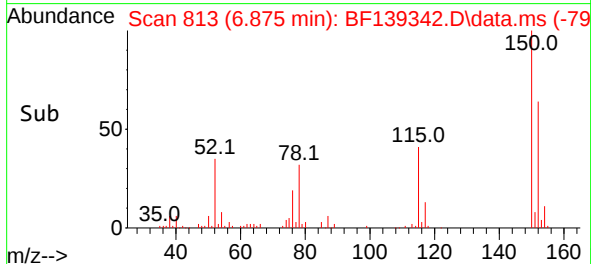
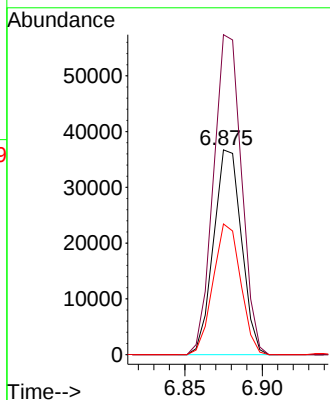


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.018 min
Lab File: BF139342.D
Acq: 12 Sep 2024 16:48

Instrument :
BNA_F
ClientSampleId :
BREAKER-2546-BASE

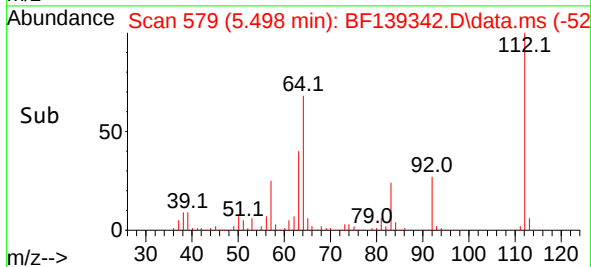
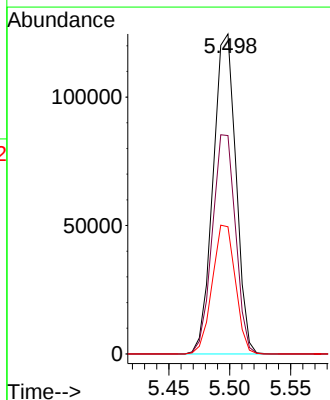
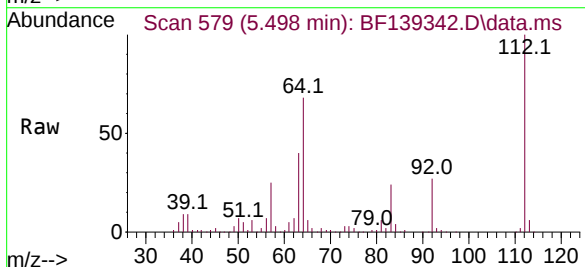


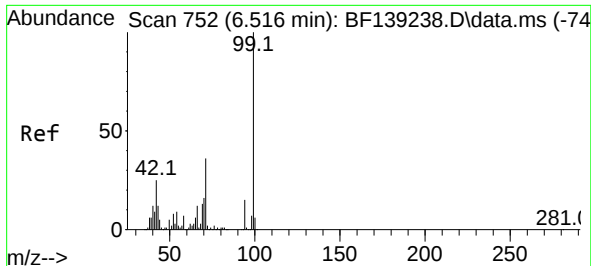
Tgt Ion:152 Resp: 46106
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.4
115 63.8 46.9 70.3



#5
2-Fluorophenol
Concen: 59.051 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.006 min
Lab File: BF139342.D
Acq: 12 Sep 2024 16:48

Tgt Ion:112 Resp: 162750
Ion Ratio Lower Upper
112 100
64 68.2 55.0 82.4
63 39.7 29.9 44.9

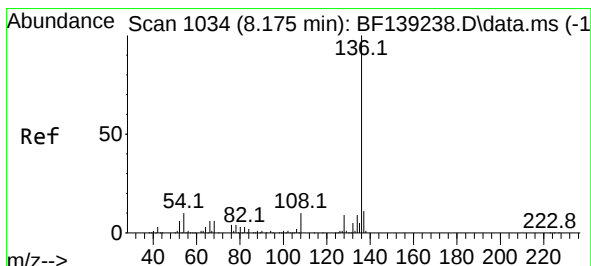
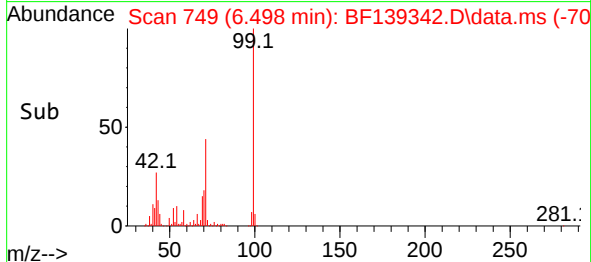
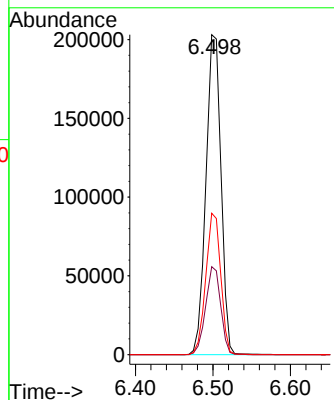
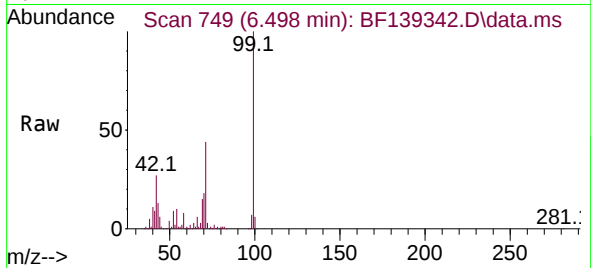




#7
Phenol-d6
Concen: 74.641 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.018 min
Lab File: BF139342.D
Acq: 12 Sep 2024 16:48

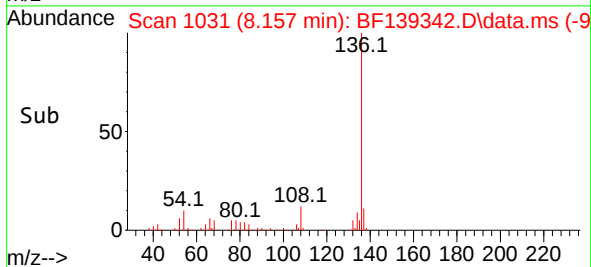
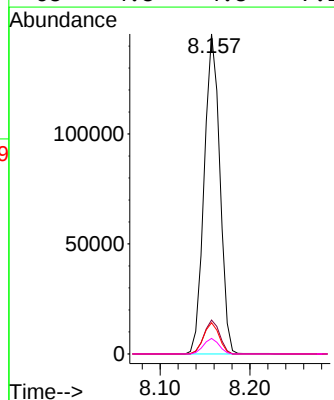
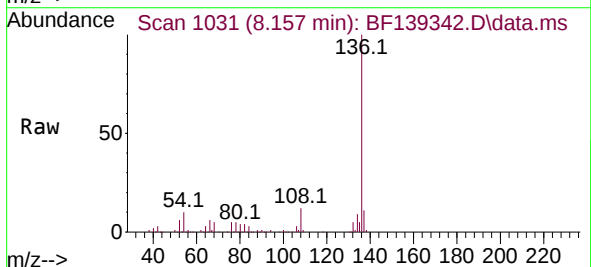
Instrument :
BNA_F
ClientSampleId :
BREAKER-2546-BASE

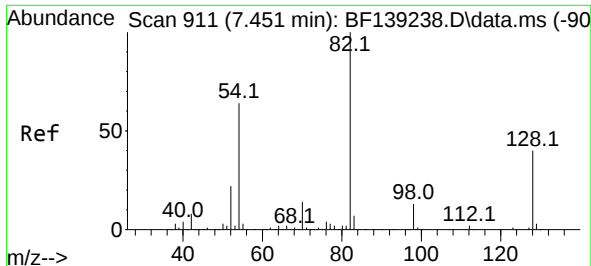
Tgt Ion: 99 Resp: 274630
Ion Ratio Lower Upper
99 100
42 27.5 19.8 29.6
71 44.2 28.8 43.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF139342.D
Acq: 12 Sep 2024 16:48

Tgt Ion: 136 Resp: 176633
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 9.7 8.4 12.6
68 4.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 66.376 ng

RT: 7.440 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF139342.D

Acq: 12 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

BREAKER-2546-BASE

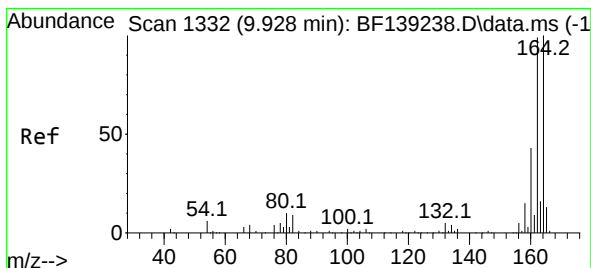
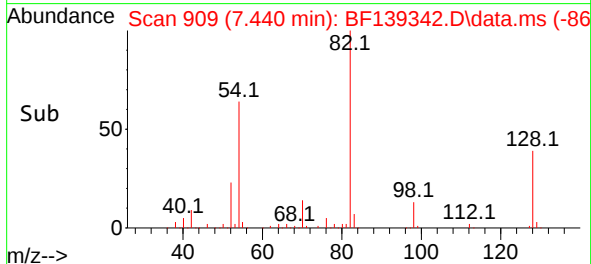
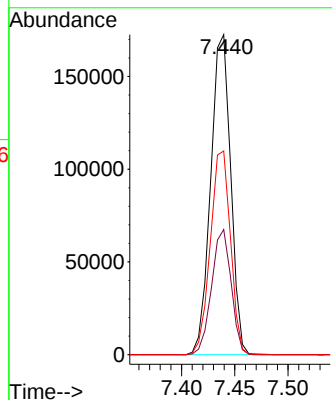
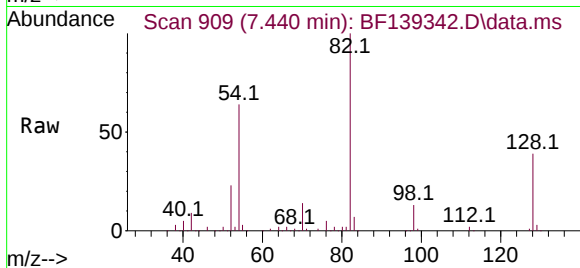
Tgt Ion: 82 Resp: 225365

Ion Ratio Lower Upper

82 100

128 39.1 32.3 48.5

54 63.6 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.012 min

Lab File: BF139342.D

Acq: 12 Sep 2024 16:48

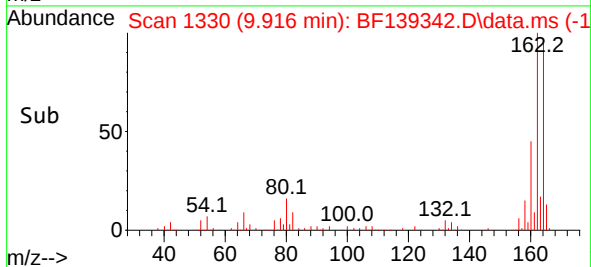
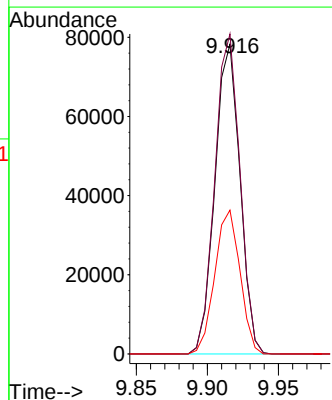
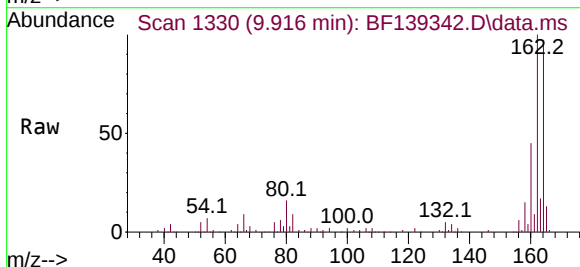
Tgt Ion:164 Resp: 95989

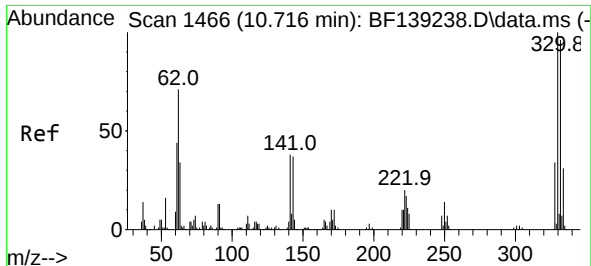
Ion Ratio Lower Upper

164 100

162 103.3 79.2 118.8

160 46.4 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 51.538 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.018 min

Lab File: BF139342.D

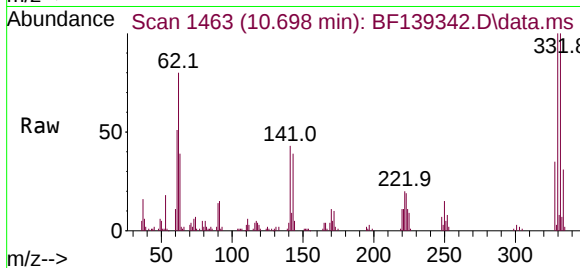
Acq: 12 Sep 2024 16:48

Instrument :

BNA_F

ClientSampleId :

BREAKER-2546-BASE



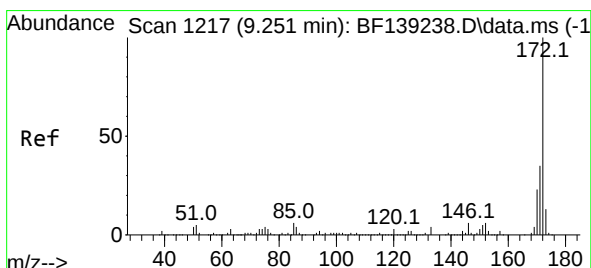
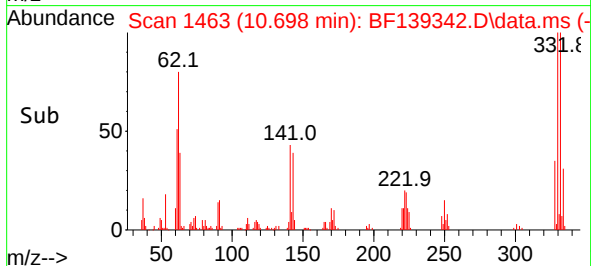
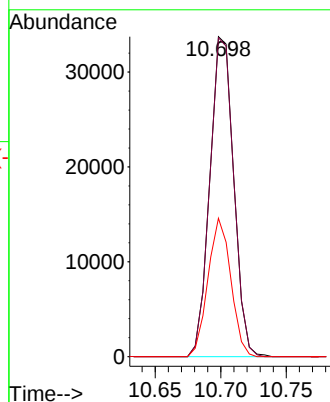
Tgt Ion:330 Resp: 42719

Ion Ratio Lower Upper

330 100

332 99.5 76.6 115.0

141 41.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 71.460 ng

RT: 9.234 min Scan# 1214

Delta R.T. -0.018 min

Lab File: BF139342.D

Acq: 12 Sep 2024 16:48

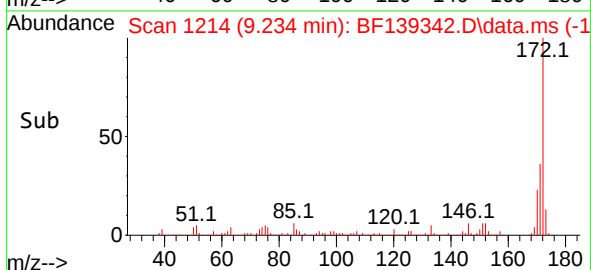
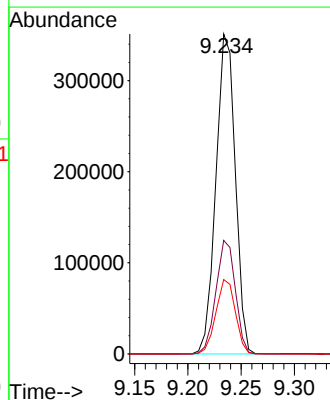
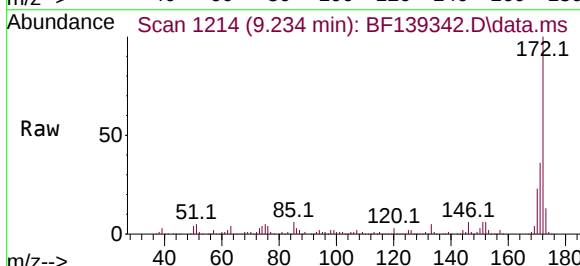
Tgt Ion:172 Resp: 444363

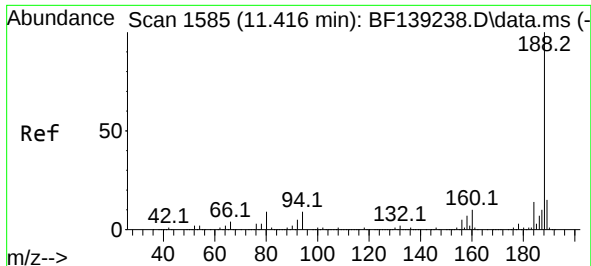
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.2 18.7 28.1

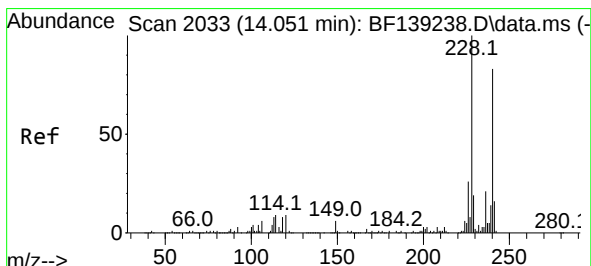
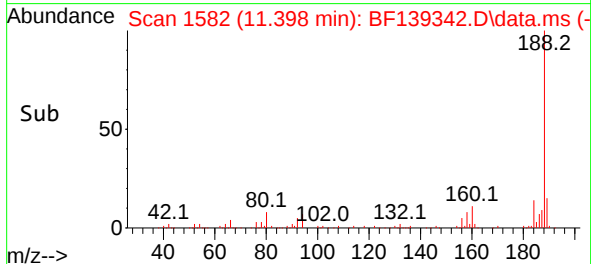
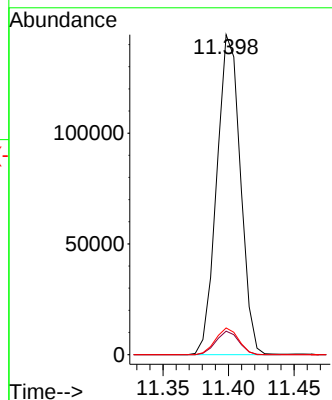
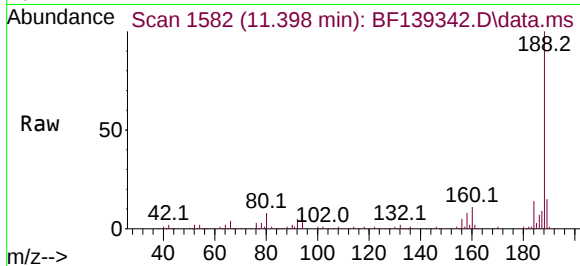




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF139342.D
Acq: 12 Sep 2024 16:48

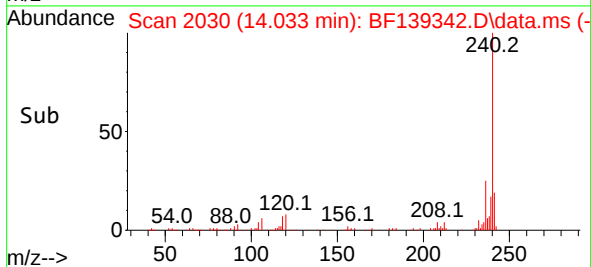
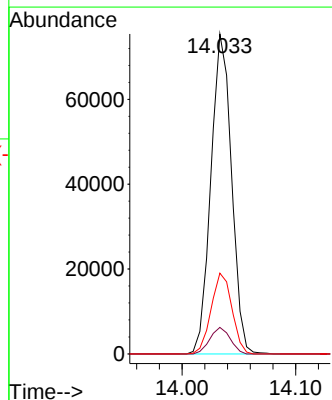
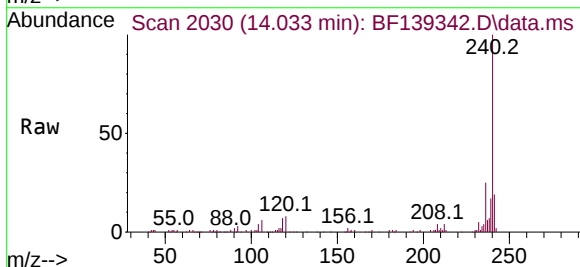
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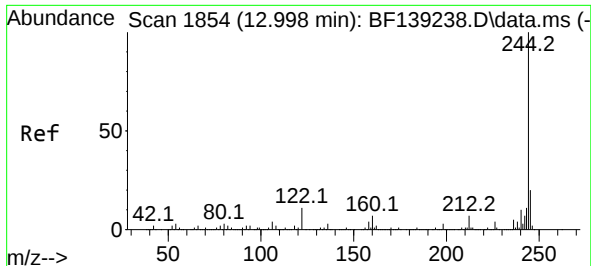
Tgt Ion:188 Resp: 181154
Ion Ratio Lower Upper
188 100
94 7.3 7.0 10.4
80 8.3 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.018 min
Lab File: BF139342.D
Acq: 12 Sep 2024 16:48

Tgt Ion:240 Resp: 95174
Ion Ratio Lower Upper
240 100
120 8.3 8.6 12.8#
236 25.2 20.7 31.1

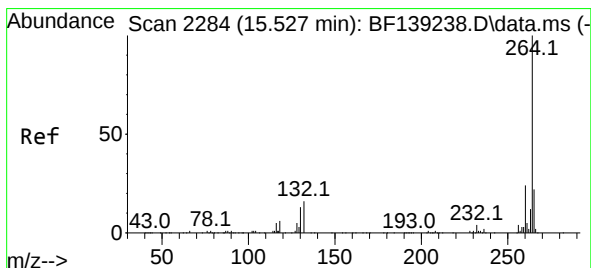
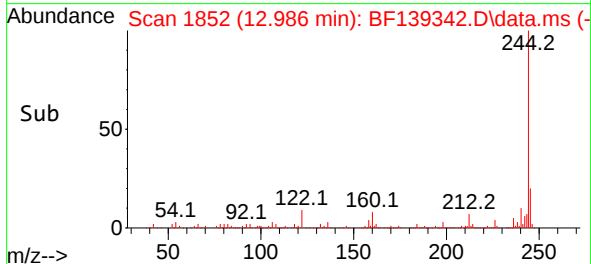
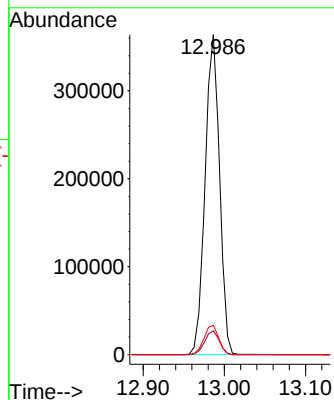
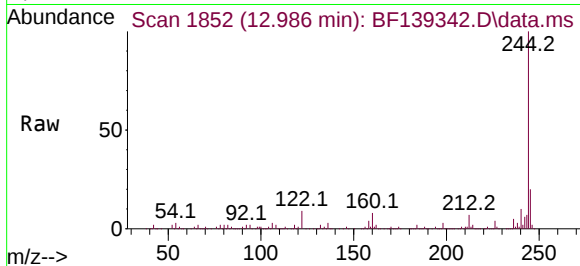




#79
 Terphenyl-d14
 Concen: 76.421 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.012 min
 Lab File: BF139342.D
 Acq: 12 Sep 2024 16:48

Instrument :
 BNA_F
 ClientSampleId :
 BREAKER-2546-BASE

Tgt Ion:244 Resp: 450477
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 9.2 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. -0.024 min
 Lab File: BF139342.D
 Acq: 12 Sep 2024 16:48

Tgt Ion:264 Resp: 85325
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.8 28.2
 265 20.8 17.3 25.9

