

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139032.D
 Acq On : 15 Aug 2024 20:12
 Operator : RC/JU
 Sample : P3580-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 922-K1-SD-0.5-1-081224

Quant Time: Aug 16 00:27:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	34101	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	136701	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	76911	20.000	ng	-0.02
64) Phenanthrene-d10	11.357	188	131134	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	61226	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	66197	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	234294	106.058	ng	0.00
7) Phenol-d6	6.481	99	313854	105.819	ng	0.00
23) Nitrobenzene-d5	7.398	82	203685	72.848	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	66406	105.406	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	337125	65.859	ng	-0.02
79) Terphenyl-d14	12.933	244	268369	73.387	ng	-0.01

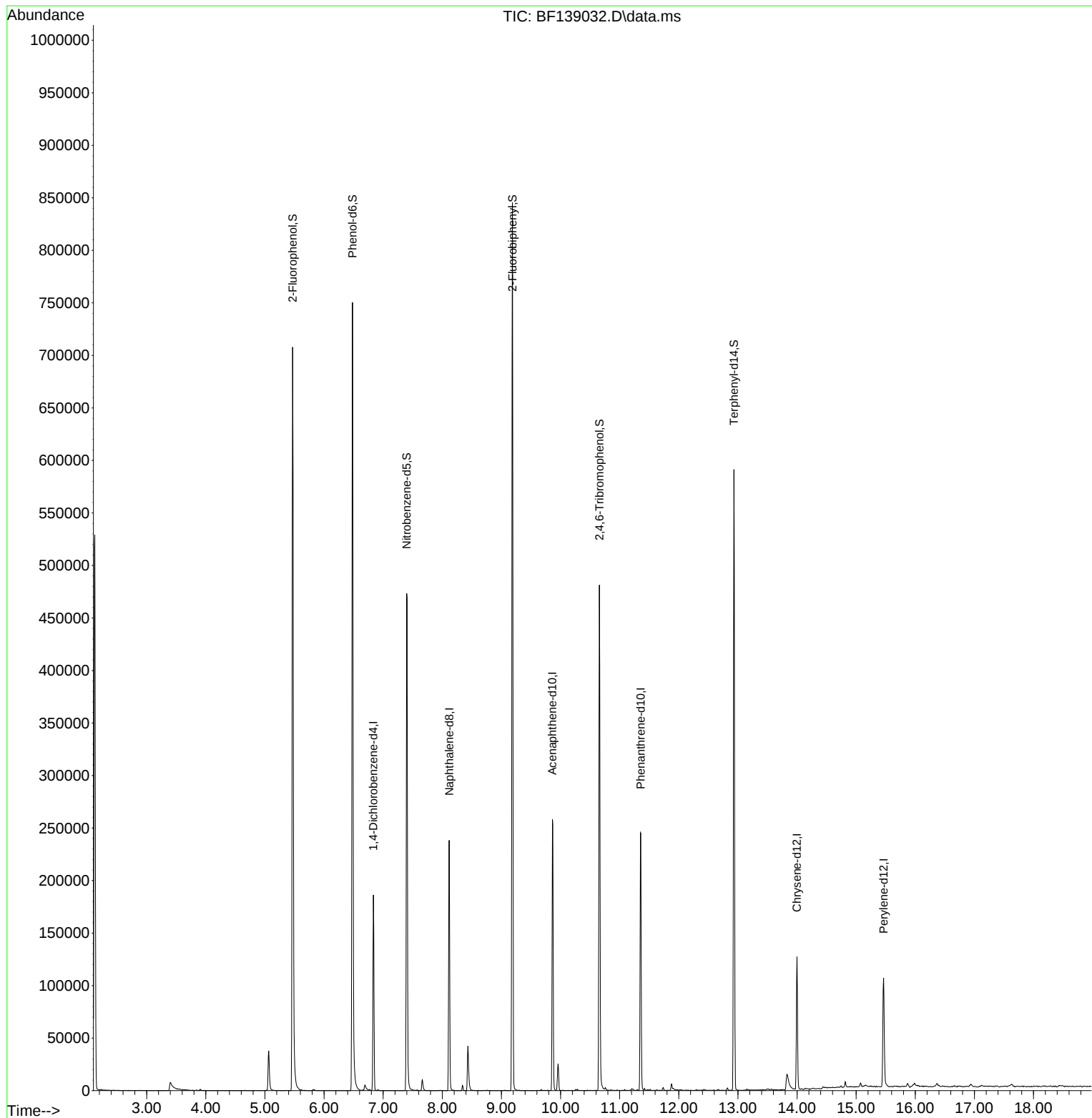
Target Compounds	Qvalue

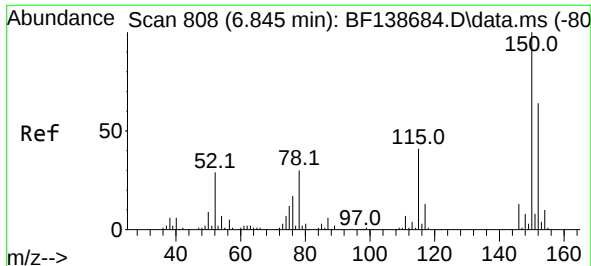
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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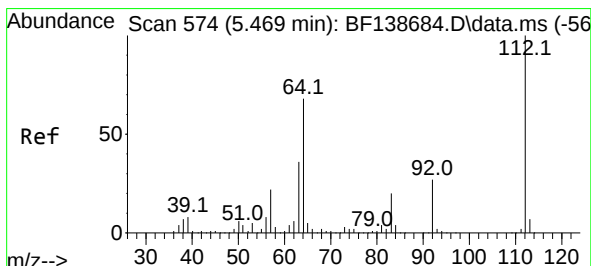
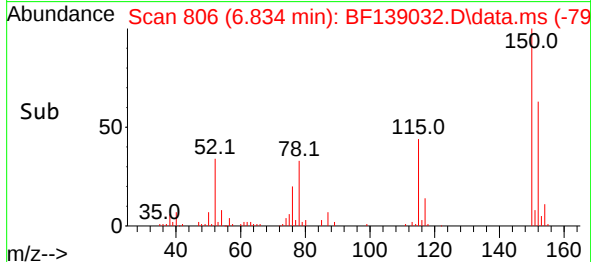
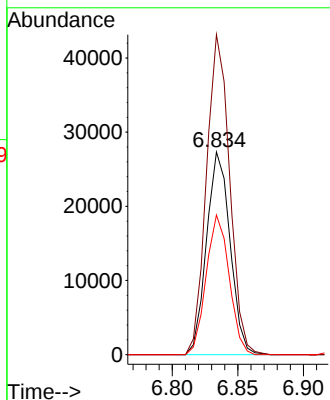
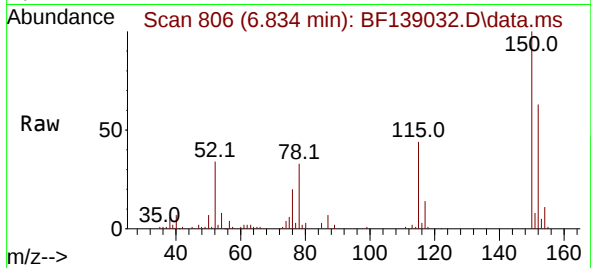




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139032.D
Acq: 15 Aug 2024 20:12

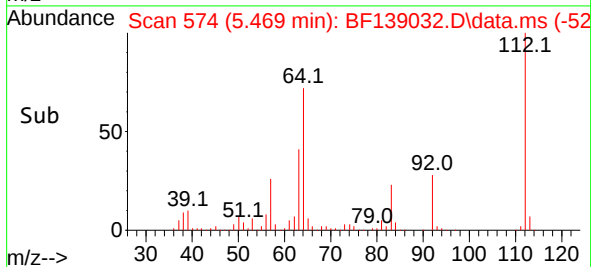
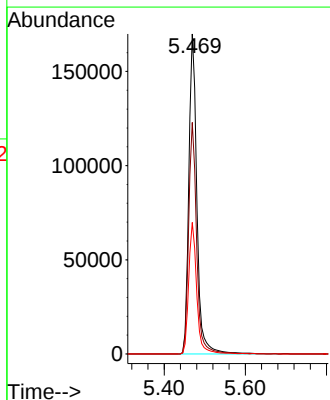
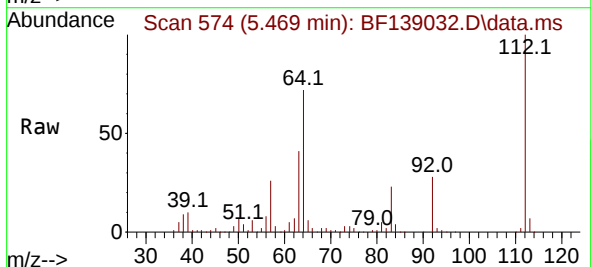
Instrument :
BNA_F
ClientSampleId :
922-K1-SD-0.5-1-081224

Tgt Ion:152 Resp: 34101
Ion Ratio Lower Upper
152 100
150 157.8 126.0 189.0
115 68.9 51.7 77.5



#5
2-Fluorophenol
Concen: 106.058 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF139032.D
Acq: 15 Aug 2024 20:12

Tgt Ion:112 Resp: 234294
Ion Ratio Lower Upper
112 100
64 72.3 54.2 81.4
63 41.1 28.7 43.1

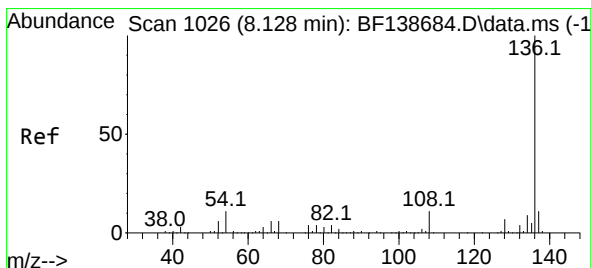
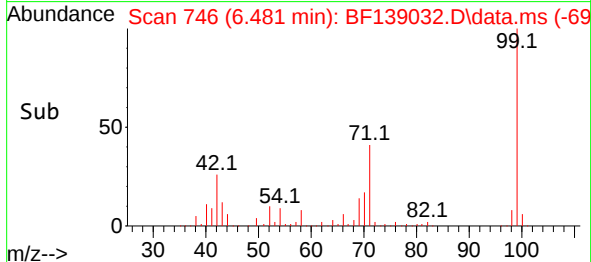
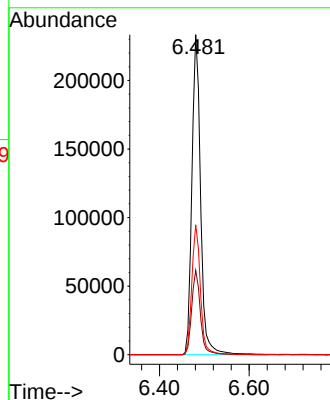
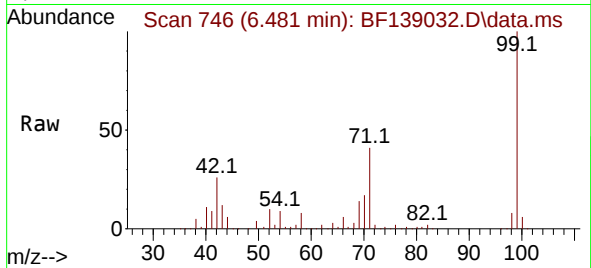




#7
Phenol-d6
Concen: 105.819 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139032.D
Acq: 15 Aug 2024 20:12

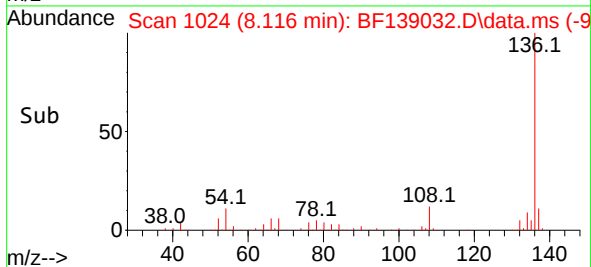
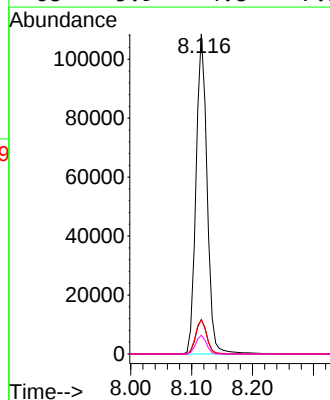
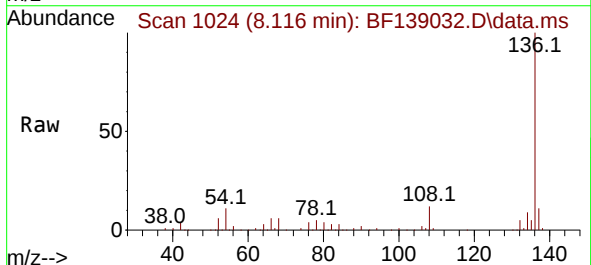
Instrument :
BNA_F
ClientSampleId :
922-K1-SD-0.5-1-081224

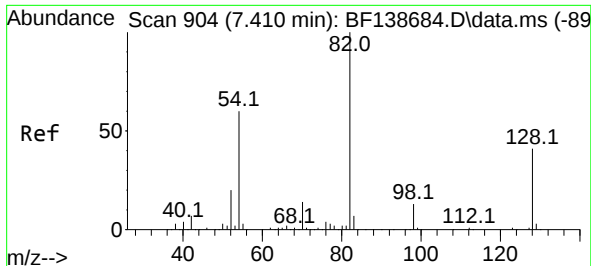
Tgt Ion: 99 Resp: 313854
Ion Ratio Lower Upper
99 100
42 26.3 17.4 26.0#
71 40.6 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF139032.D
Acq: 15 Aug 2024 20:12

Tgt Ion: 136 Resp: 136701
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.8 8.6 12.8
68 5.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 72.848 ng

RT: 7.398 min Scan# 904

Delta R.T. -0.012 min

Lab File: BF139032.D

Acq: 15 Aug 2024 20:12

Instrument :

BNA_F

ClientSampleId :

922-K1-SD-0.5-1-081224

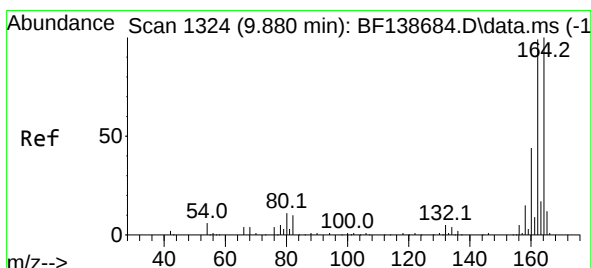
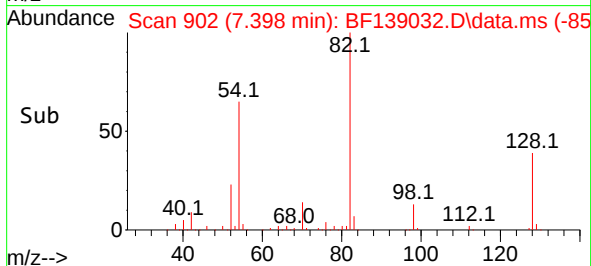
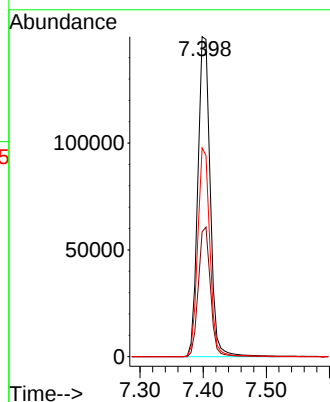
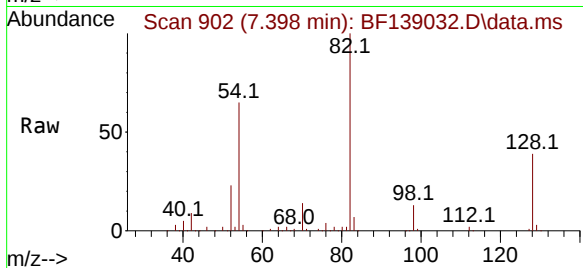
Tgt Ion: 82 Resp: 203685

Ion Ratio Lower Upper

82 100

128 39.0 32.8 49.2

54 65.2 48.3 72.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1321

Delta R.T. -0.017 min

Lab File: BF139032.D

Acq: 15 Aug 2024 20:12

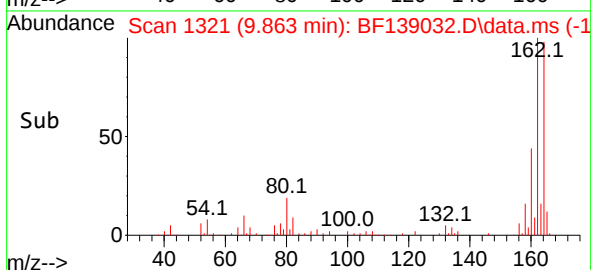
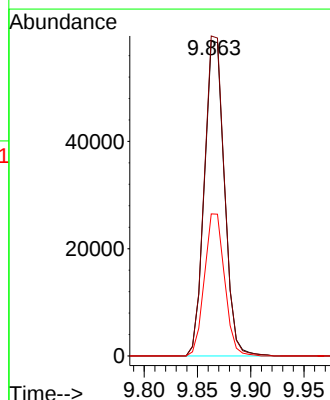
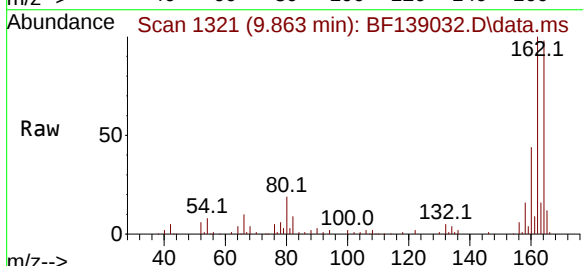
Tgt Ion:164 Resp: 76911

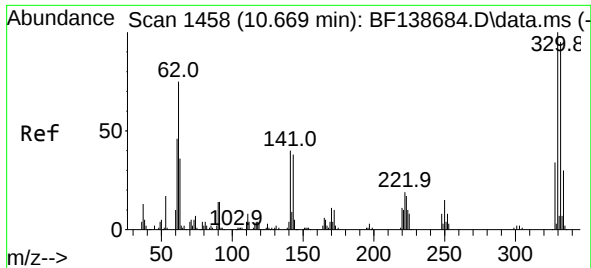
Ion Ratio Lower Upper

164 100

162 101.7 79.4 119.0

160 45.2 35.1 52.7

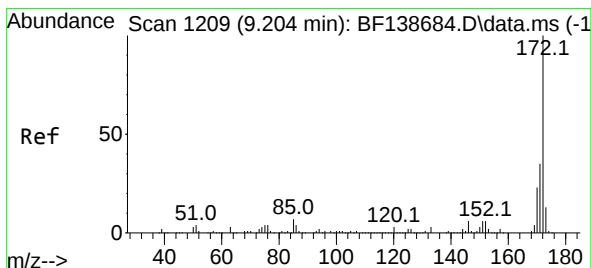
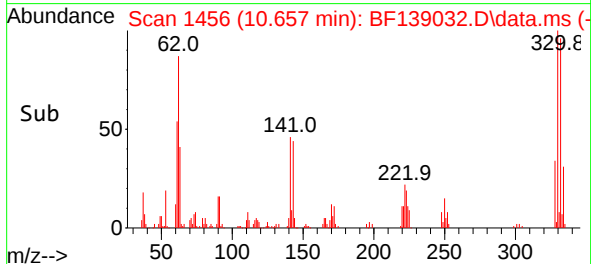
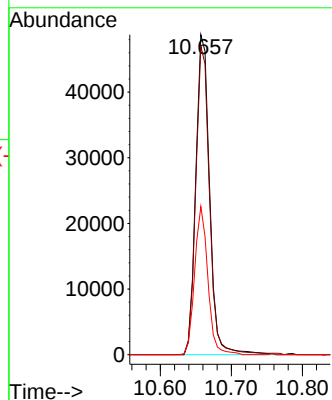
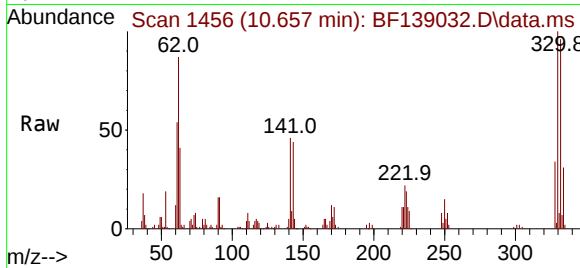




#42
2,4,6-Tribromophenol
Concen: 105.406 ng
RT: 10.657 min Scan# 1458
Delta R.T. -0.012 min
Lab File: BF139032.D
Acq: 15 Aug 2024 20:12

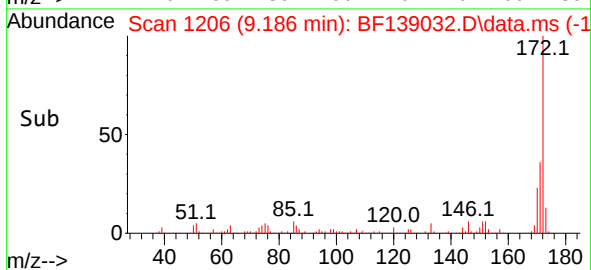
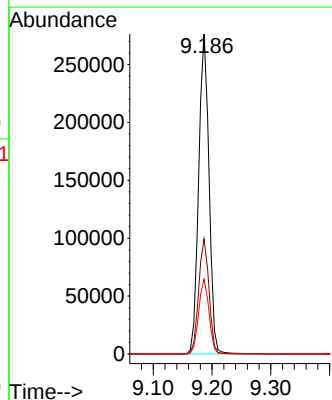
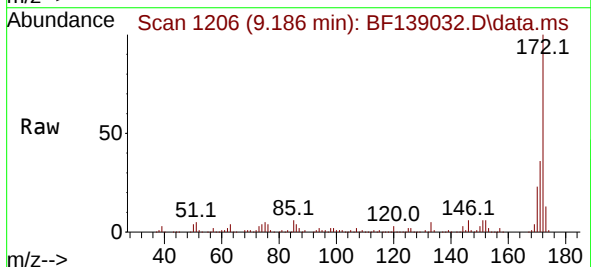
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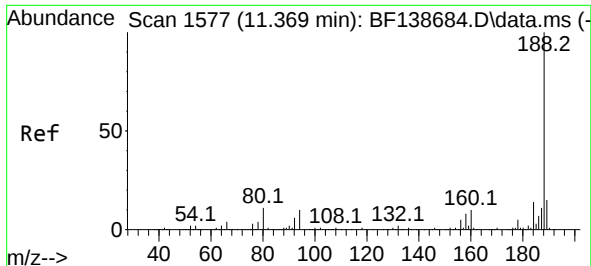
Tgt Ion: 330 Resp: 66406
Ion Ratio Lower Upper
330 100
332 95.5 76.4 114.6
141 44.0 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 65.859 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.018 min
Lab File: BF139032.D
Acq: 15 Aug 2024 20:12

Tgt Ion: 172 Resp: 337125
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.3 18.8 28.2

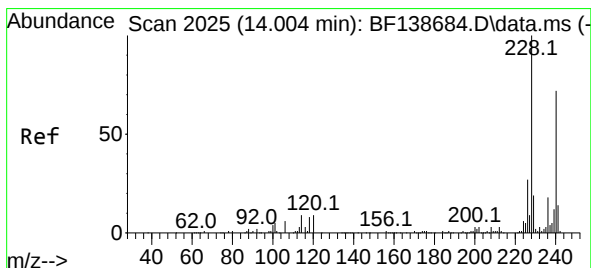
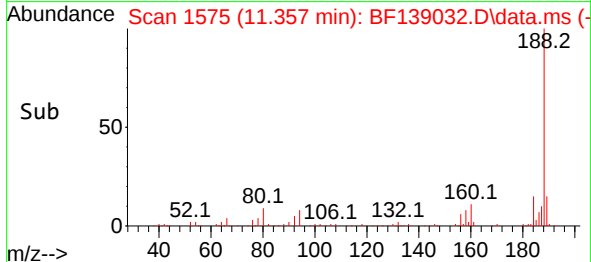
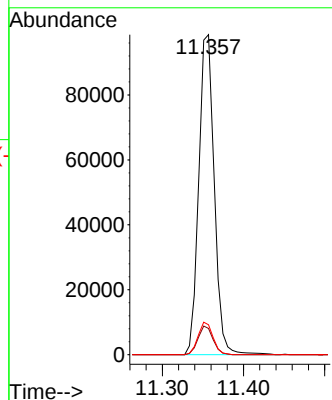
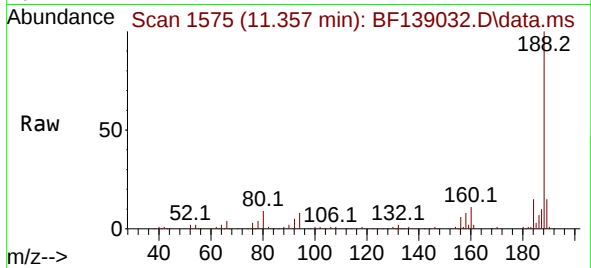




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF139032.D
Acq: 15 Aug 2024 20:12

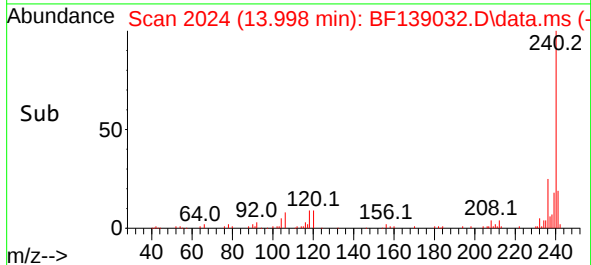
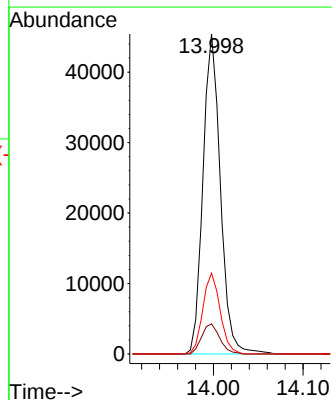
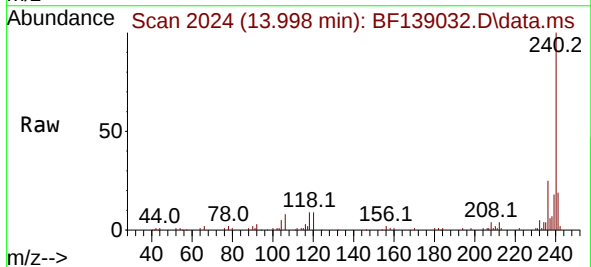
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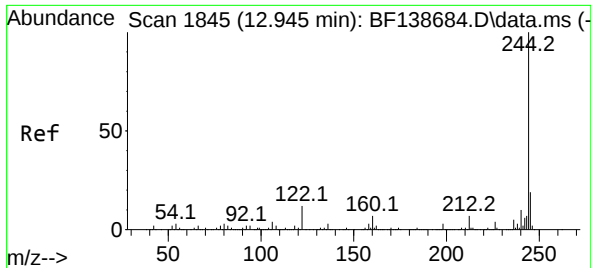
Tgt Ion:188 Resp: 131134
Ion Ratio Lower Upper
188 100
94 8.2 7.6 11.4
80 9.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF139032.D
Acq: 15 Aug 2024 20:12

Tgt Ion:240 Resp: 61226
Ion Ratio Lower Upper
240 100
120 9.4 10.2 15.4#
236 25.3 19.8 29.8

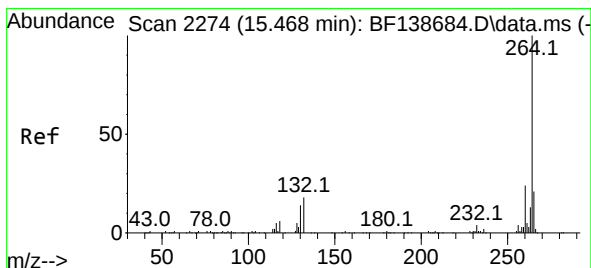
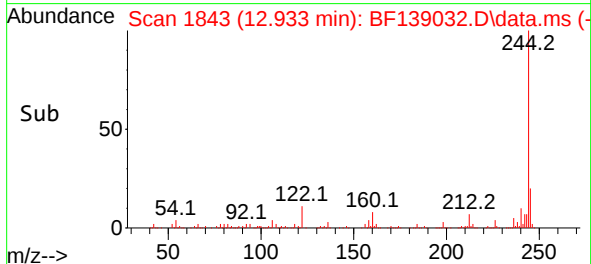
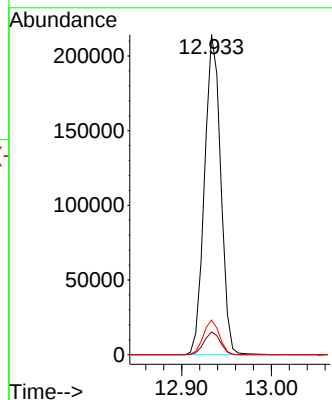
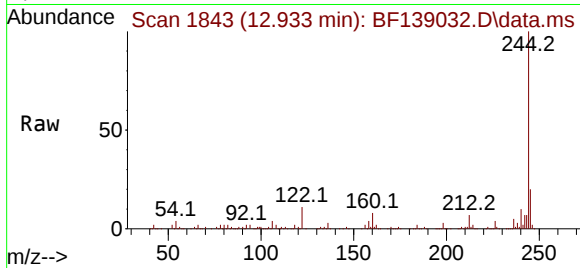




#79
 Terphenyl-d14
 Concen: 73.387 ng
 RT: 12.933 min Scan# 1843
 Delta R.T. -0.012 min
 Lab File: BF139032.D
 Acq: 15 Aug 2024 20:12

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244	Resp:	268369	
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.2
122	10.8	9.6	14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF139032.D
 Acq: 15 Aug 2024 20:12

Tgt	Ion:264	Resp:	66197
Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.6
265	20.0	17.0	25.6

