

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081524\
 Data File : BF139045.D
 Acq On : 16 Aug 2024 02:49
 Operator : RC/JU
 Sample : P3548-06RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 343RE

Quant Time: Aug 16 04:34:08 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)

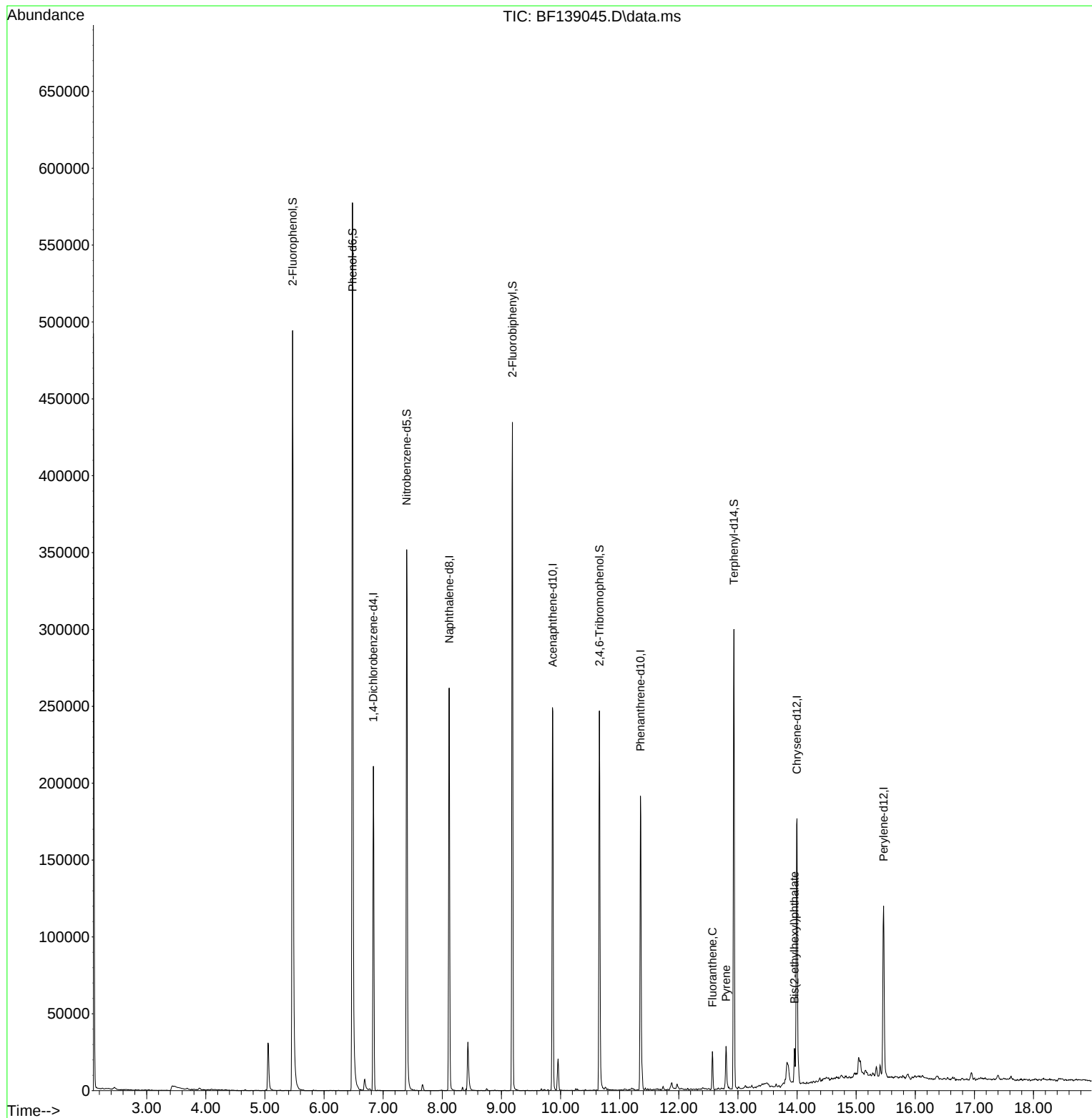
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	38887	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	152683	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	72754	20.000	ng	-0.01
64) Phenanthrene-d10	11.351	188	100045	20.000	ng	-0.02
76) Chrysene-d12	13.998	240	78585	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	61905	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	176504	70.065	ng	0.00
7) Phenol-d6	6.481	99	248601	73.502	ng	0.00
23) Nitrobenzene-d5	7.398	82	148265	47.477	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	35070	58.847	ng	-0.01
45) 2-Fluorobiphenyl	9.187	172	177786	36.716	ng	-0.02
79) Terphenyl-d14	12.933	244	135464	28.861	ng	-0.01
Target Compounds						
						Qvalue
75) Fluoranthene	12.569	202	14490	3.013	ng	96
78) Pyrene	12.798	202	16674	2.254	ng	97
84) Bis(2-ethylhexyl)phtha...	13.957	149	8050	2.320	ng	# 94

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

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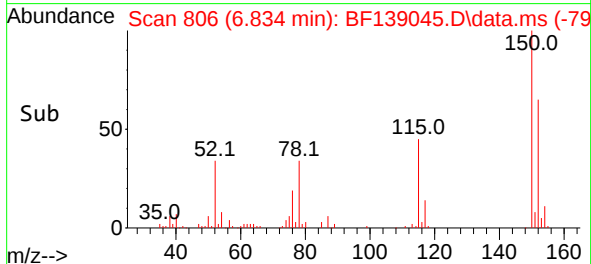
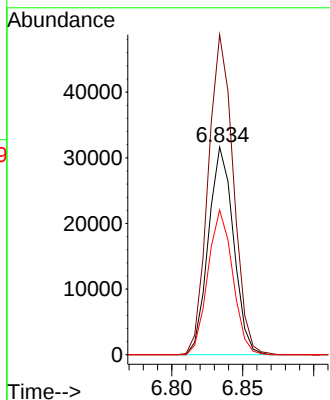
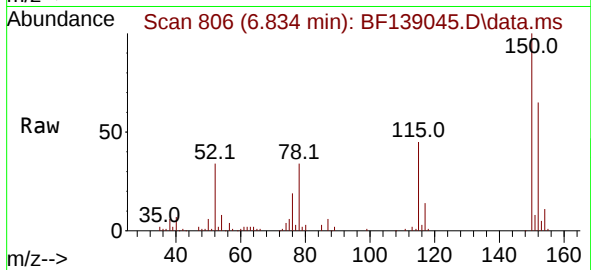




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF139045.D
Acq: 16 Aug 2024 02:49

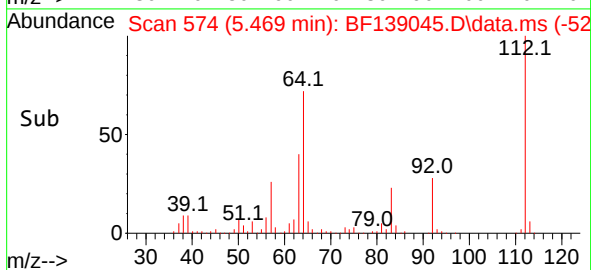
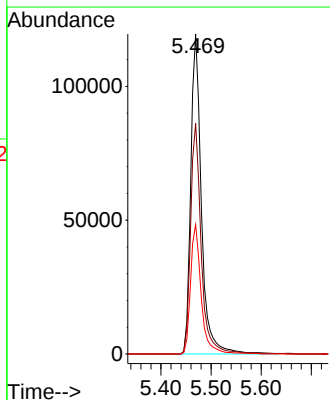
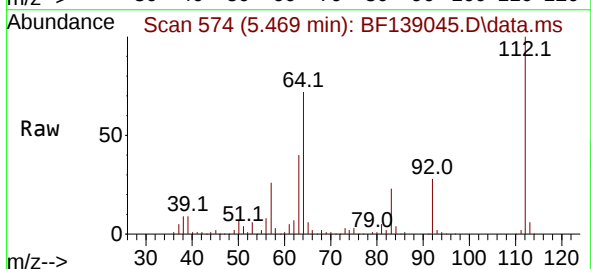
Instrument :
BNA_F
ClientSampleId :
343RE

Tgt Ion:152 Resp: 38887
Ion Ratio Lower Upper
152 100
150 154.1 126.0 189.0
115 69.6 51.7 77.5



#5
2-Fluorophenol
Concen: 70.065 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF139045.D
Acq: 16 Aug 2024 02:49

Tgt Ion:112 Resp: 176504
Ion Ratio Lower Upper
112 100
64 72.0 54.2 81.4
63 40.4 28.7 43.1

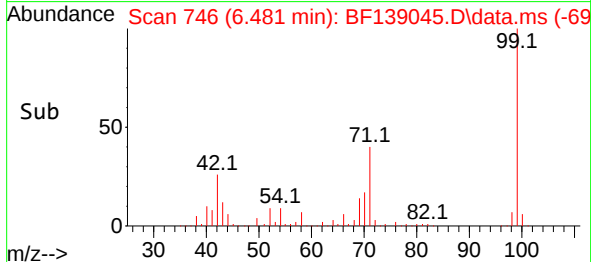
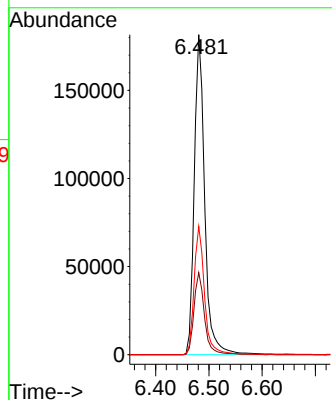
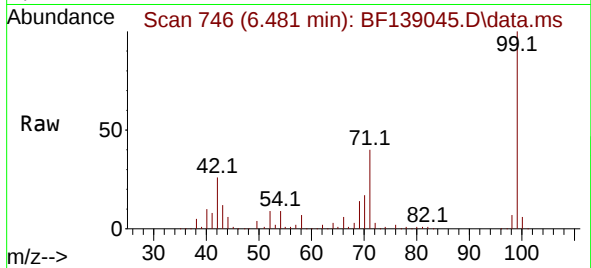




#7
Phenol-d6
Concen: 73.502 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139045.D
Acq: 16 Aug 2024 02:49

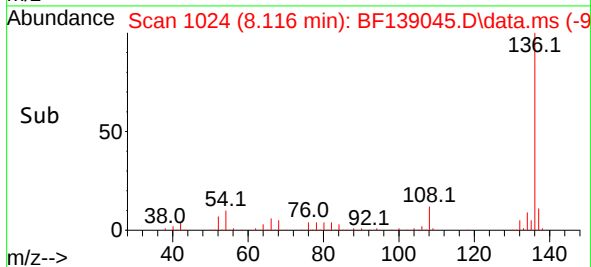
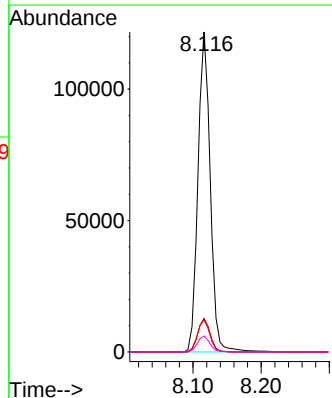
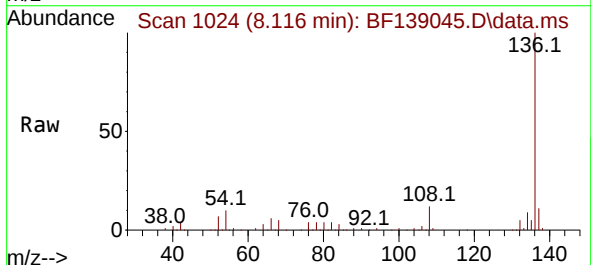
Instrument :
BNA_F
ClientSampleId :
343RE

Tgt Ion: 99 Resp: 248601
Ion Ratio Lower Upper
99 100
42 25.6 17.4 26.0
71 40.1 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: BF139045.D
Acq: 16 Aug 2024 02:49

Tgt Ion: 136 Resp: 152683
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.0 8.6 12.8
68 5.0 4.8 7.2

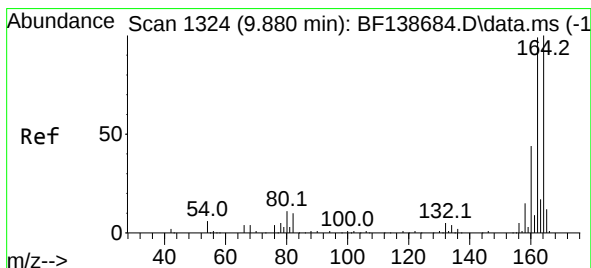
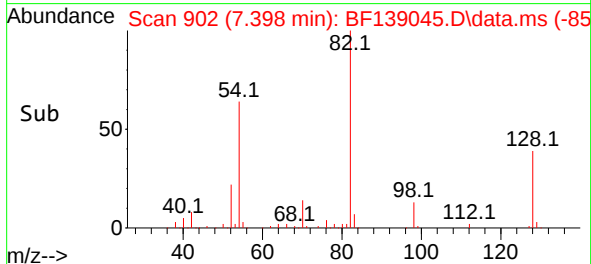
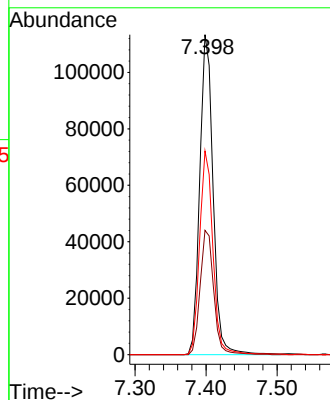
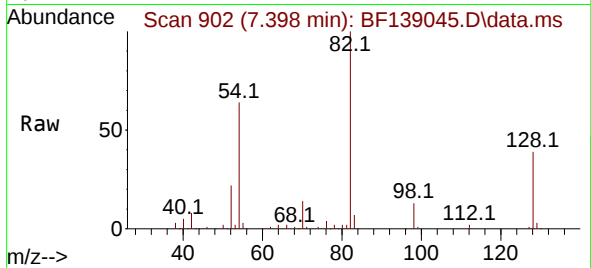




#23
Nitrobenzene-d5
Concen: 47.477 ng
RT: 7.398 min Scan# 904
Delta R.T. -0.012 min
Lab File: BF139045.D
Acq: 16 Aug 2024 02:49

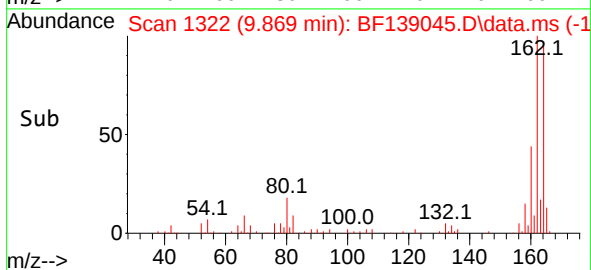
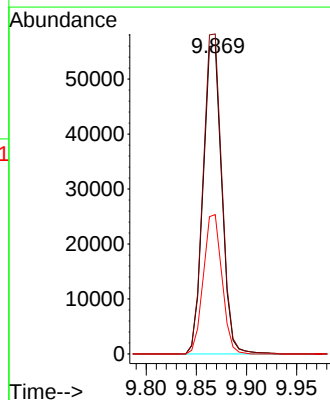
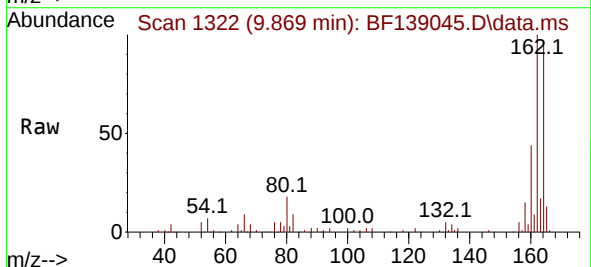
Instrument :
BNA_F
ClientSampleId :
343RE

Tgt Ion: 82 Resp: 148265
Ion Ratio Lower Upper
82 100
128 38.8 32.8 49.2
54 63.6 48.3 72.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.011 min
Lab File: BF139045.D
Acq: 16 Aug 2024 02:49

Tgt Ion:164 Resp: 72754
Ion Ratio Lower Upper
164 100
162 103.6 79.4 119.0
160 45.1 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 58.847 ng

RT: 10.657 min Scan# 1458

Delta R.T. -0.012 min

Lab File: BF139045.D

Acq: 16 Aug 2024 02:49

Instrument :

BNA_F

ClientSampleId :

343RE

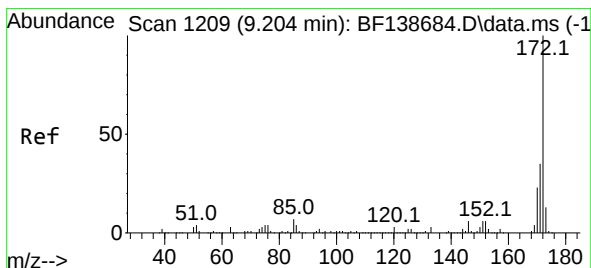
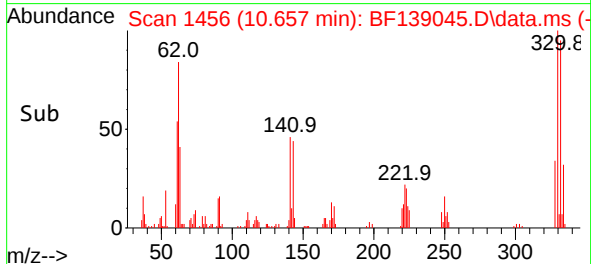
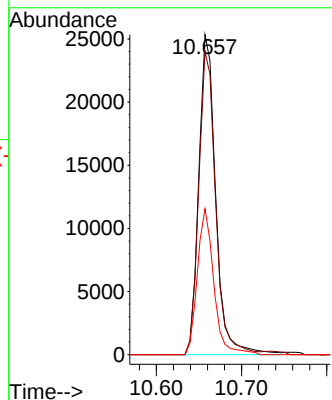
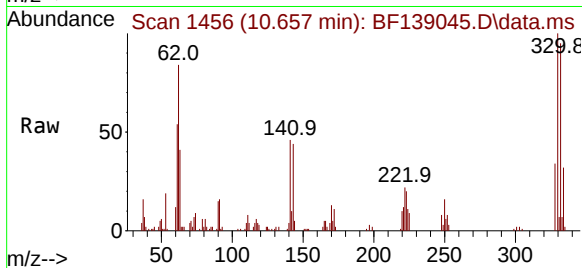
Tgt Ion:330 Resp: 35070

Ion Ratio Lower Upper

330 100

332 94.4 76.4 114.6

141 44.2 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 36.716 ng

RT: 9.187 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF139045.D

Acq: 16 Aug 2024 02:49

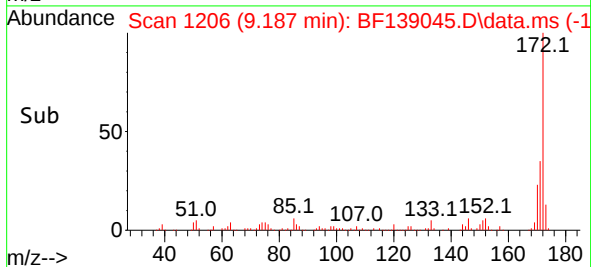
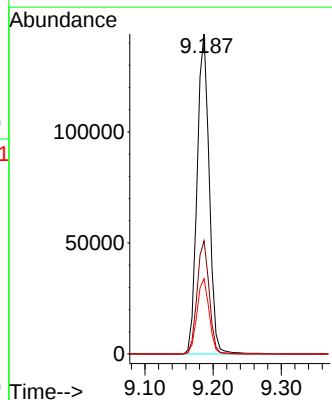
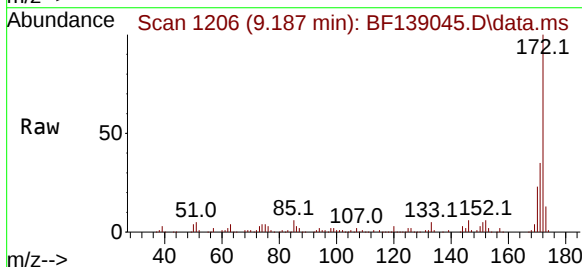
Tgt Ion:172 Resp: 177786

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.5 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF139045.D

Acq: 16 Aug 2024 02:49

Instrument :

BNA_F

ClientSampleId :

343RE

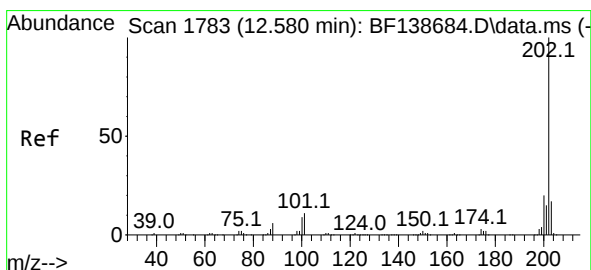
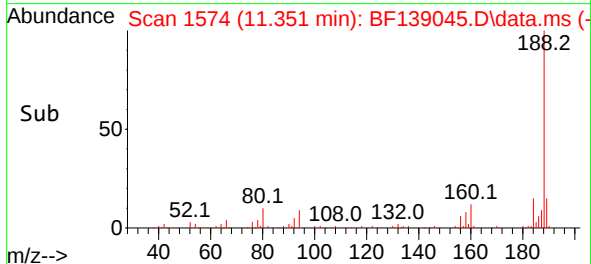
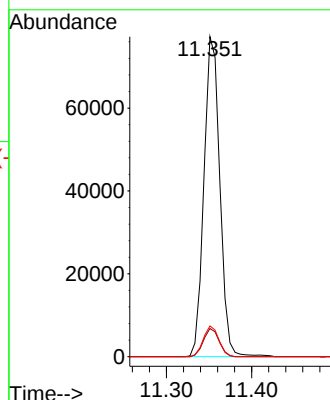
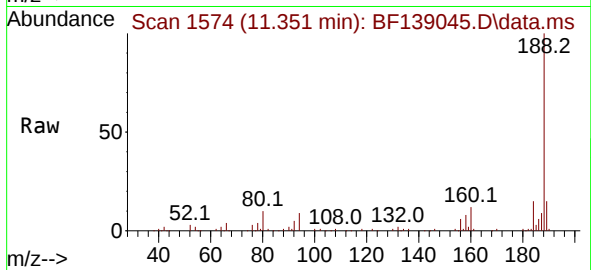
Tgt Ion:188 Resp: 100045

Ion Ratio Lower Upper

188 100

94 8.8 7.6 11.4

80 9.6 8.6 12.8



#75

Fluoranthene

Concen: 3.013 ng

RT: 12.569 min Scan# 1781

Delta R.T. -0.012 min

Lab File: BF139045.D

Acq: 16 Aug 2024 02:49

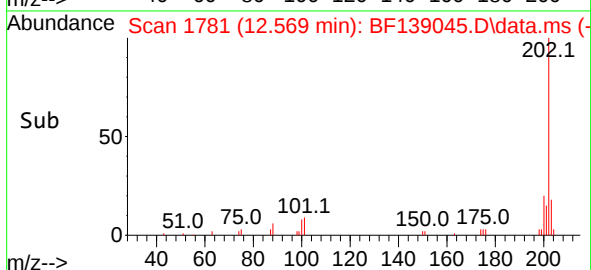
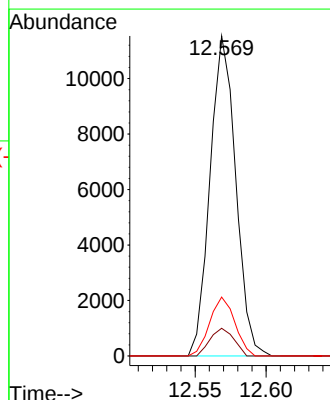
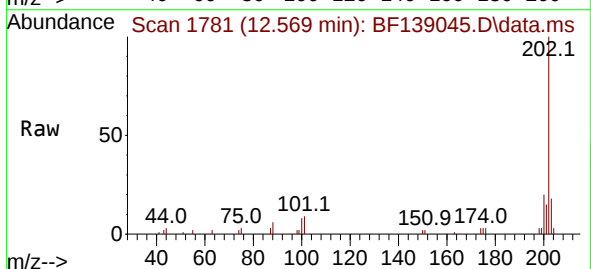
Tgt Ion:202 Resp: 14490

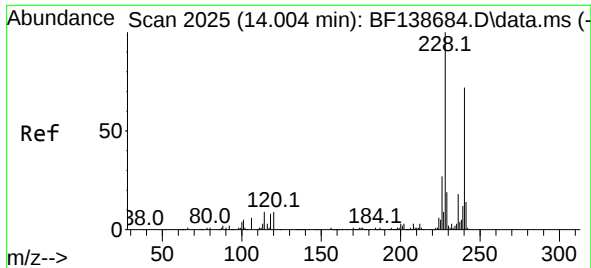
Ion Ratio Lower Upper

202 100

101 8.7 0.0 31.2

203 18.4 0.0 37.3

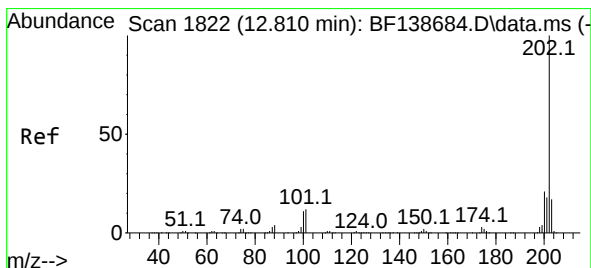
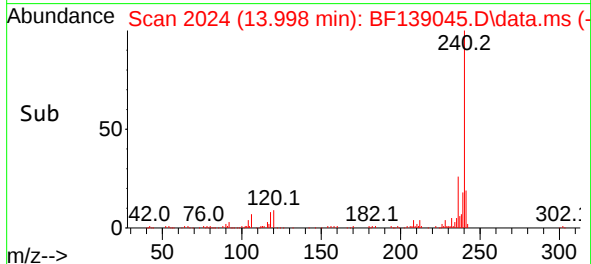
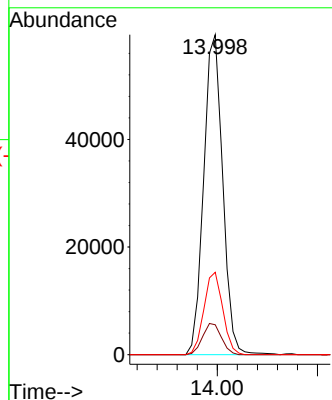
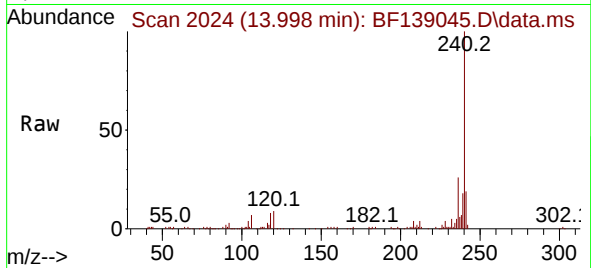




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF139045.D
Acq: 16 Aug 2024 02:49

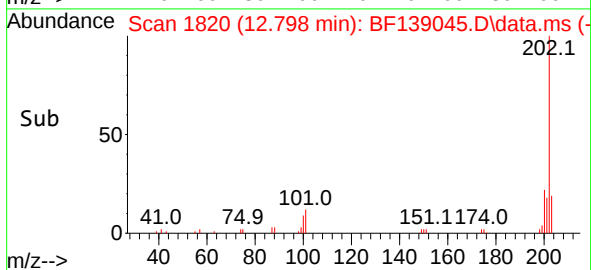
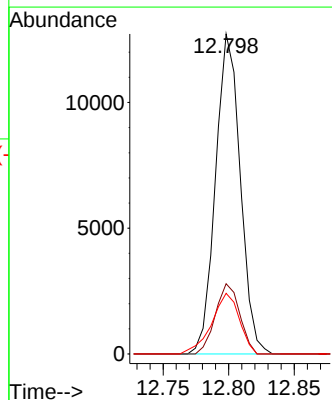
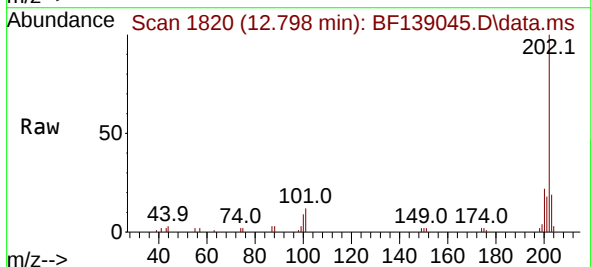
Instrument :
BNA_F
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343RE

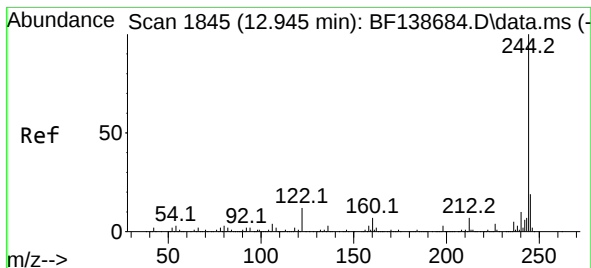
Tgt Ion:240 Resp: 78585
Ion Ratio Lower Upper
240 100
120 9.3 10.2 15.4#
236 25.7 19.8 29.8



#78
Pyrene
Concen: 2.254 ng
RT: 12.798 min Scan# 1820
Delta R.T. -0.012 min
Lab File: BF139045.D
Acq: 16 Aug 2024 02:49

Tgt Ion:202 Resp: 16674
Ion Ratio Lower Upper
202 100
200 22.0 16.8 25.2
203 18.9 13.8 20.6





#79

Terphenyl-d14

Concen: 28.861 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139045.D

Acq: 16 Aug 2024 02:49

Instrument :

BNA_F

ClientSampleId :

343RE

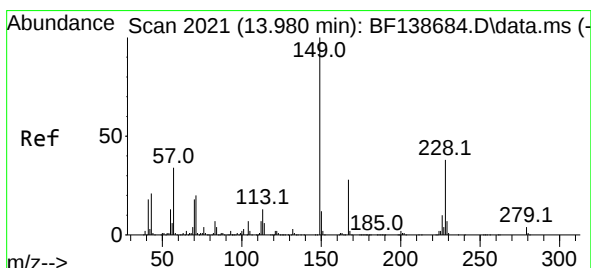
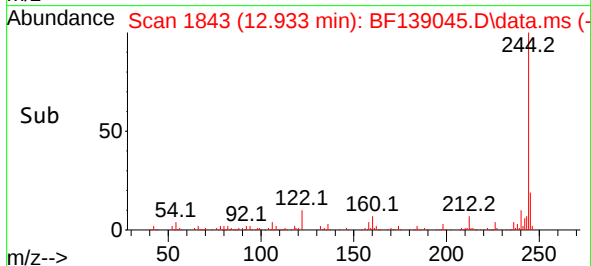
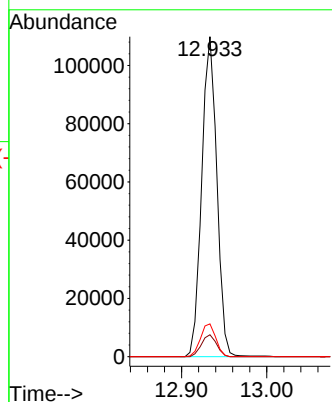
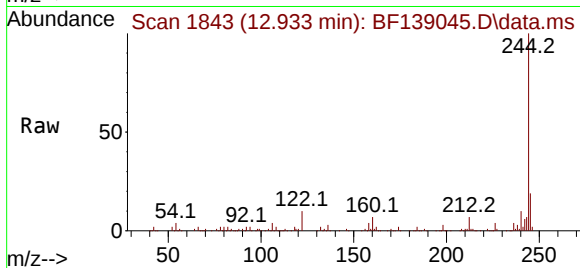
Tgt Ion:244 Resp: 135464

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.2 9.6 14.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.320 ng

RT: 13.957 min Scan# 2017

Delta R.T. -0.023 min

Lab File: BF139045.D

Acq: 16 Aug 2024 02:49

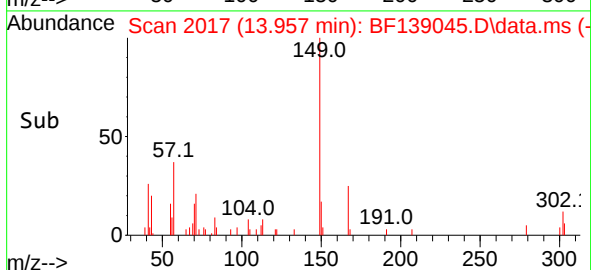
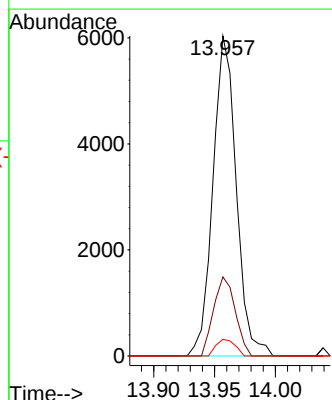
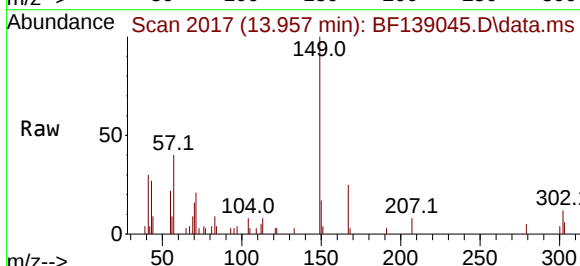
Tgt Ion:149 Resp: 8050

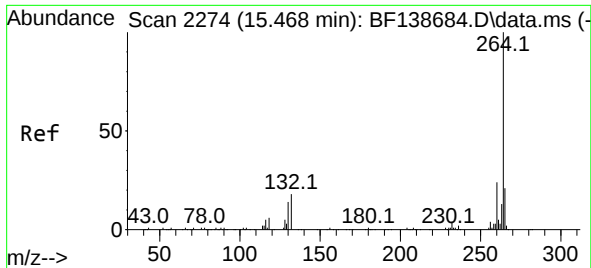
Ion Ratio Lower Upper

149 100

167 24.7 22.2 33.4

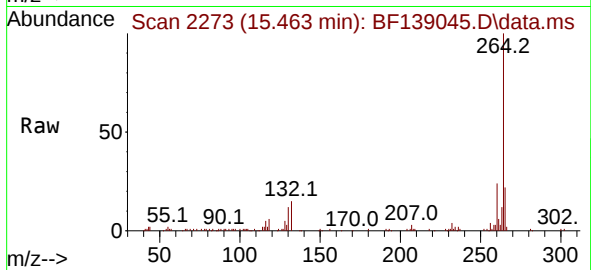
279 5.2 3.4 5.0#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139045.D
Acq: 16 Aug 2024 02:49

Instrument :
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Tgt Ion:264	Resp:	61905
Ion	Ratio	Lower Upper
264	100	
260	24.1	19.0 28.6
265	22.1	17.0 25.6

