

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043024\
 Data File : BF137774.D
 Acq On : 30 Apr 2024 16:57
 Operator : CG\JU
 Sample : P2308-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-12016

Quant Time: May 01 04:23:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 03:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.057	152	230601	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	891774	20.000	ng	0.00
39) Acenaphthene-d10	10.104	164	498175	20.000	ng	0.00
64) Phenanthrene-d10	11.598	188	844485	20.000	ng	0.00
76) Chrysene-d12	14.245	240	484050	20.000	ng	0.00
86) Perylene-d12	15.821	264	470168	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	856459	62.184	ng	0.00
7) Phenol-d6	6.669	99	1316054	75.333	ng	0.00
23) Nitrobenzene-d5	7.616	82	967418	63.026	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	240859	47.353	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1971783	64.213	ng	0.00
79) Terphenyl-d14	13.186	244	2032207	70.358	ng	0.00

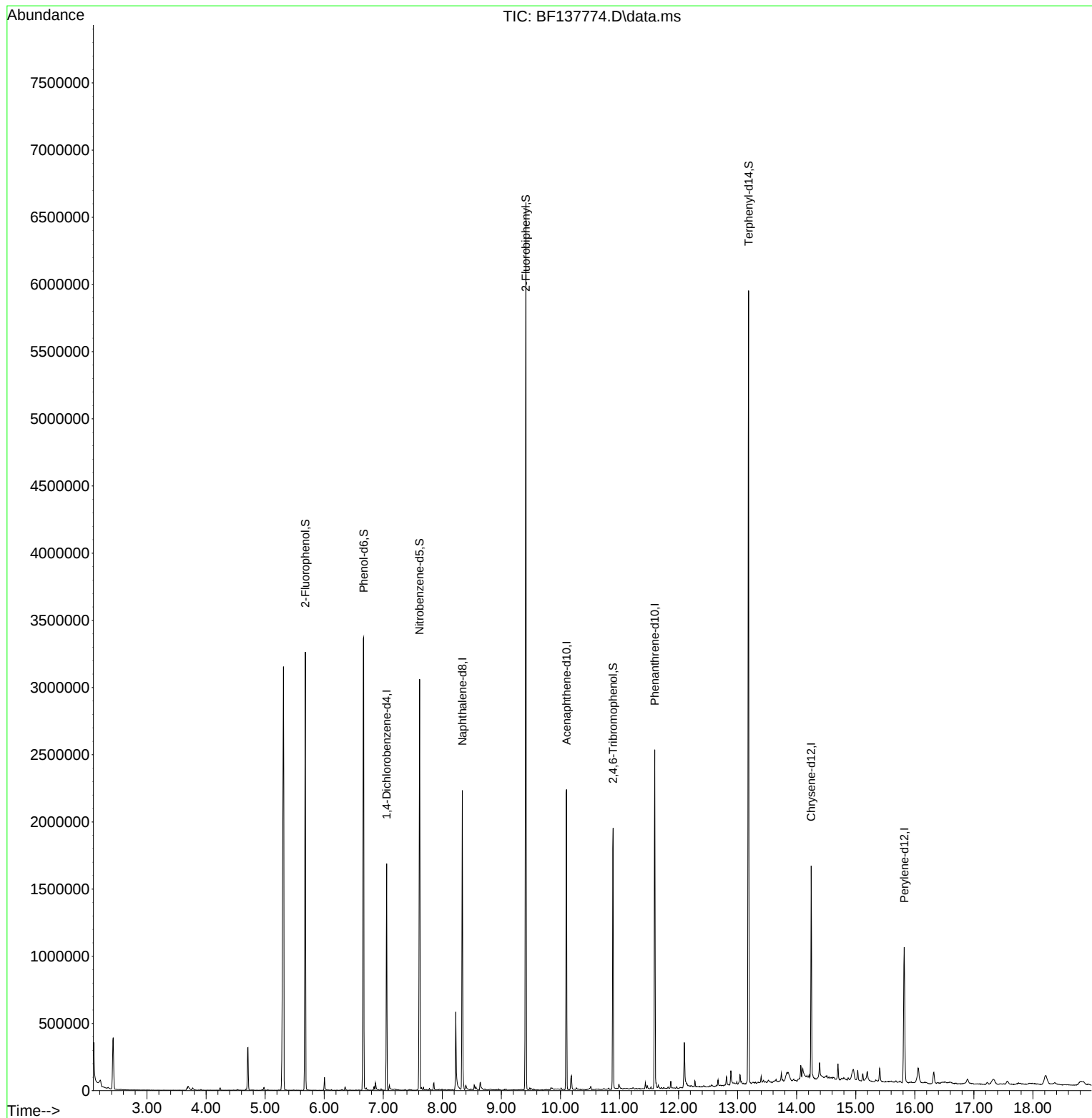
Target Compounds	Qvalue

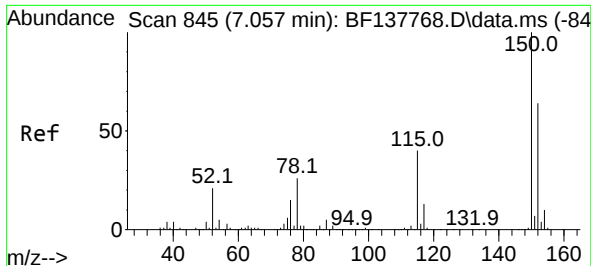
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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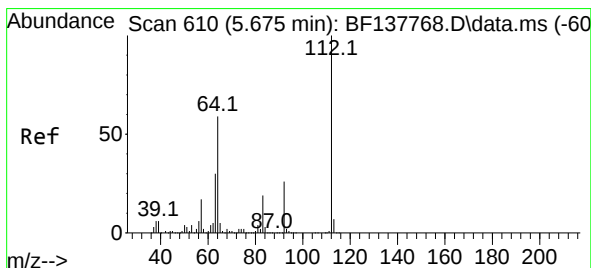
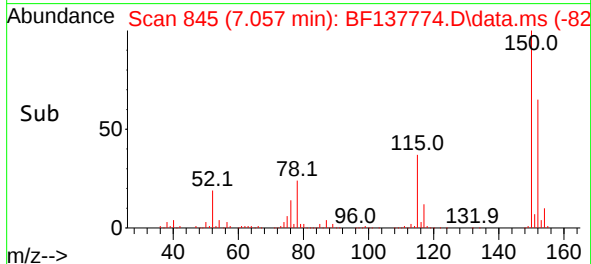
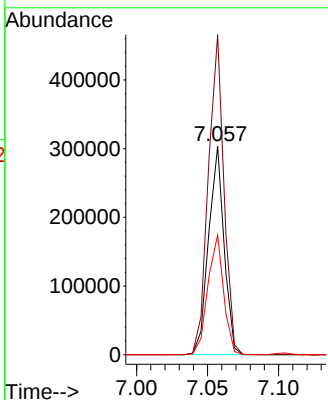
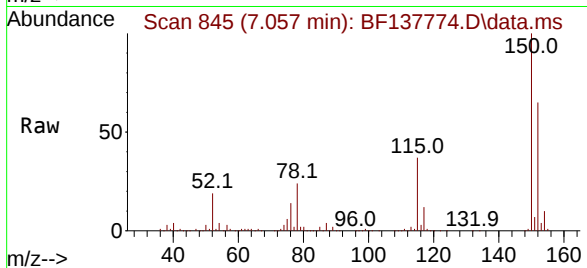




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137774.D
Acq: 30 Apr 2024 16:57

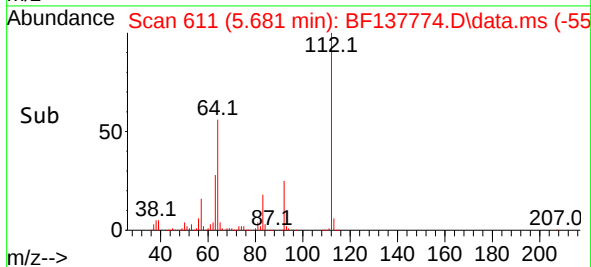
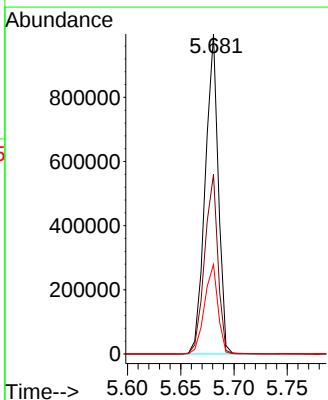
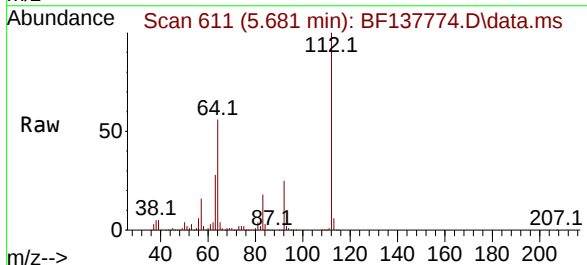
Instrument :
BNA_F
ClientSampleId :
72-12016

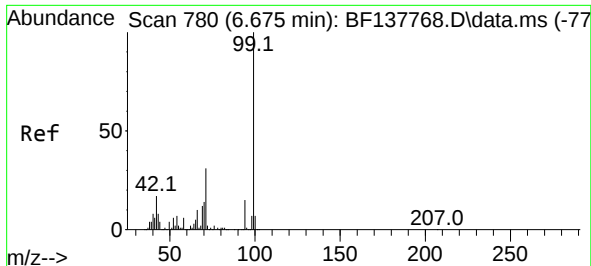
Tgt Ion:152 Resp: 230601
Ion Ratio Lower Upper
152 100
150 153.5 124.1 186.1
115 57.5 49.1 73.7



#5
2-Fluorophenol
Concen: 62.184 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137774.D
Acq: 30 Apr 2024 16:57

Tgt Ion:112 Resp: 856459
Ion Ratio Lower Upper
112 100
64 56.1 47.3 70.9
63 28.0 23.7 35.5





#7

Phenol-d6

Concen: 75.333 ng

RT: 6.669 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF137774.D

Acq: 30 Apr 2024 16:57

Instrument :

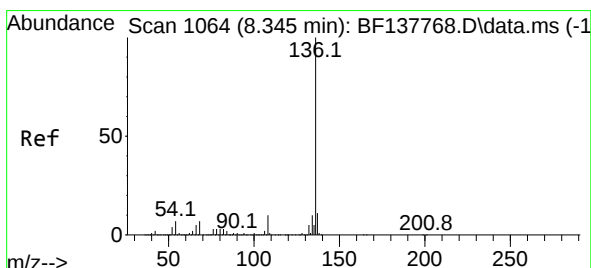
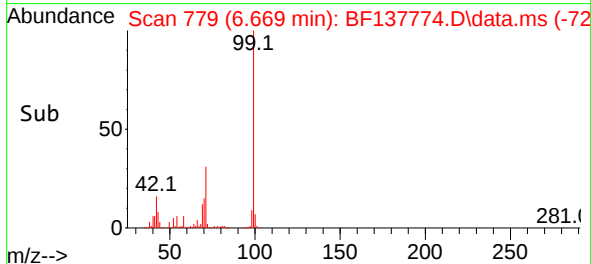
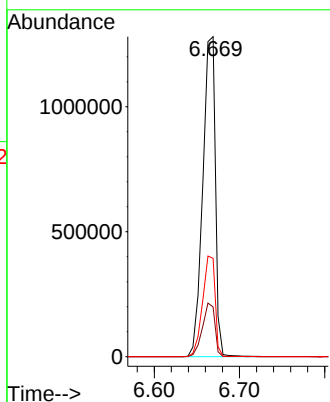
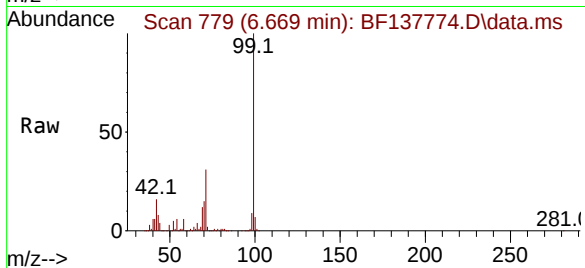
BNA_F

ClientSampleId :

72-12016

Tgt Ion: 99 Resp: 1316054

Ion	Ratio	Lower	Upper
99	100		
42	15.6	13.2	19.8
71	30.7	25.0	37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.339 min Scan# 1063

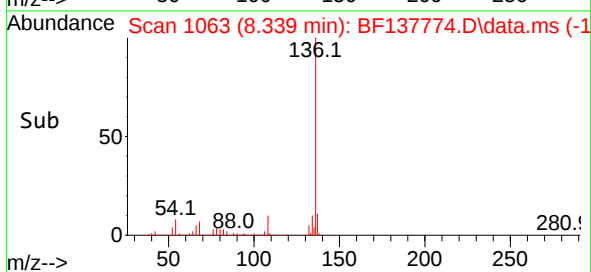
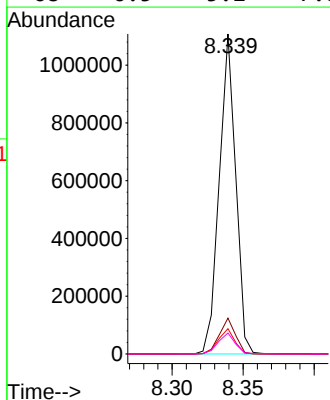
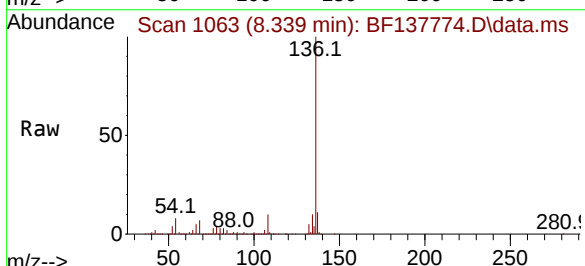
Delta R.T. -0.006 min

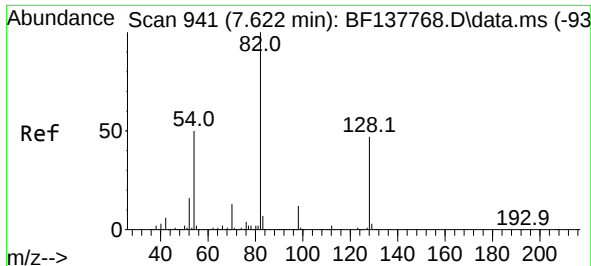
Lab File: BF137774.D

Acq: 30 Apr 2024 16:57

Tgt Ion: 136 Resp: 891774

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.9	5.8	8.8
68	6.5	5.2	7.8

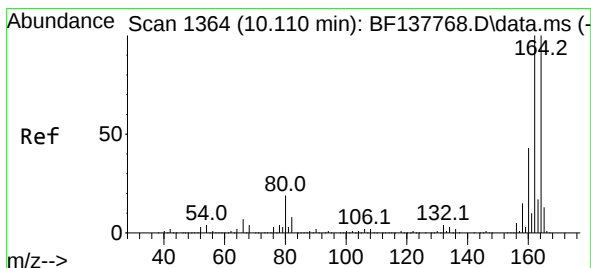
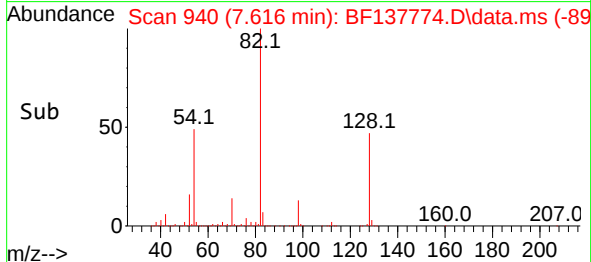
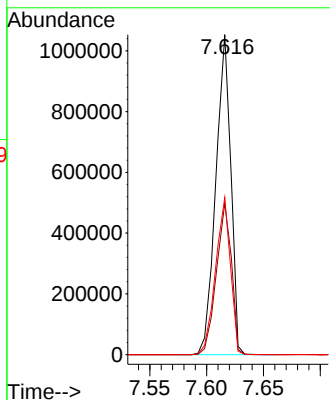
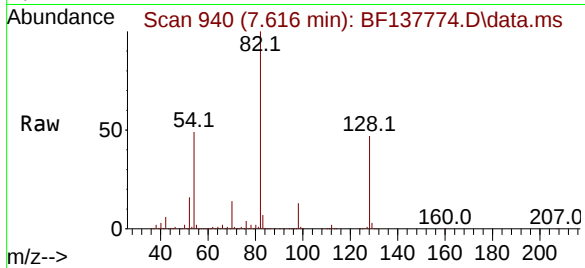




#23
 Nitrobenzene-d5
 Concen: 63.026 ng
 RT: 7.616 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: BF137774.D
 Acq: 30 Apr 2024 16:57

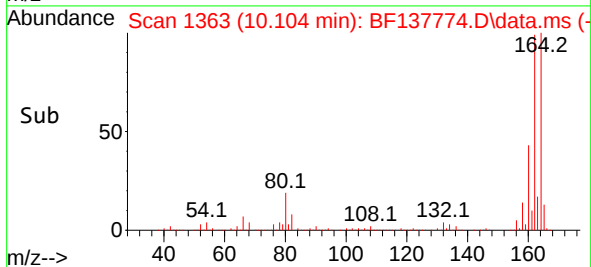
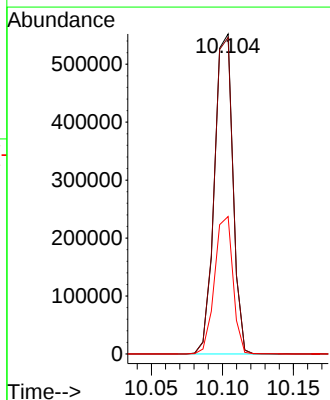
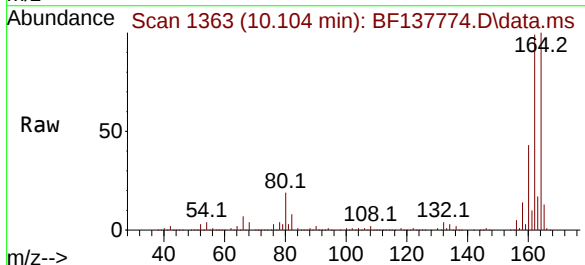
Instrument :
 BNA_F
 ClientSampleId :
 72-12016

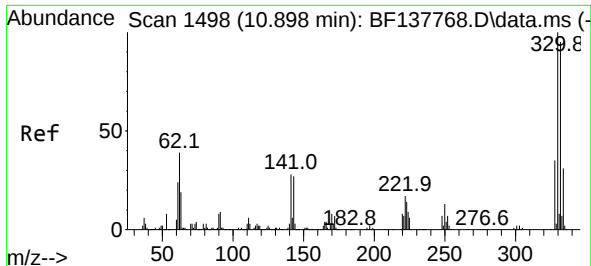
Tgt Ion: 82 Resp: 967418
 Ion Ratio Lower Upper
 82 100
 128 47.3 37.5 56.3
 54 49.1 39.8 59.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.104 min Scan# 1363
 Delta R.T. -0.006 min
 Lab File: BF137774.D
 Acq: 30 Apr 2024 16:57

Tgt Ion:164 Resp: 498175
 Ion Ratio Lower Upper
 164 100
 162 98.9 79.8 119.6
 160 43.0 34.4 51.6

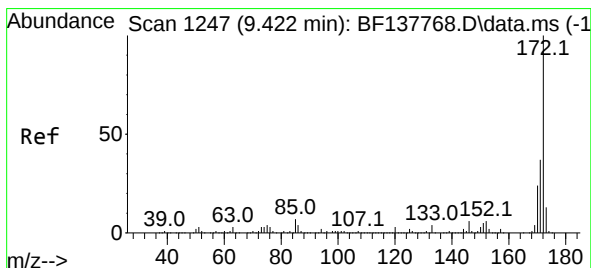
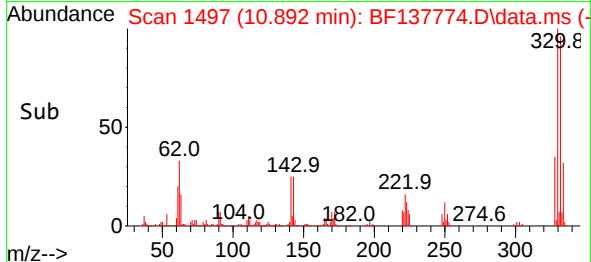
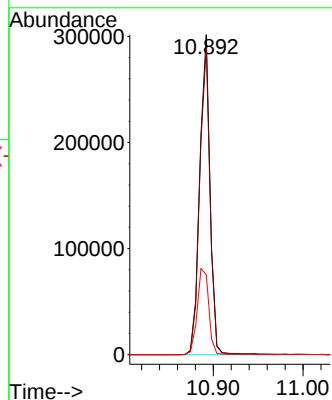
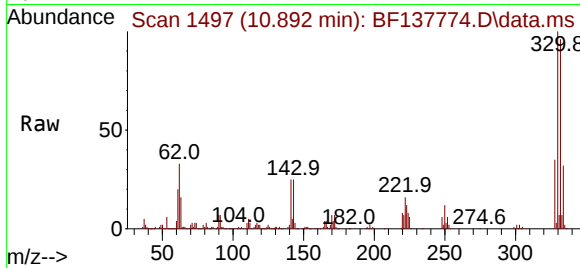




#42
 2,4,6-Tribromophenol
 Concen: 47.353 ng
 RT: 10.892 min Scan# 1498
 Delta R.T. -0.006 min
 Lab File: BF137774.D
 Acq: 30 Apr 2024 16:57

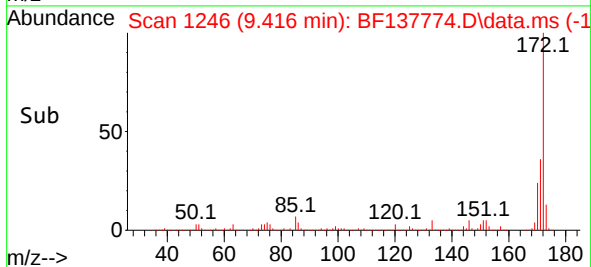
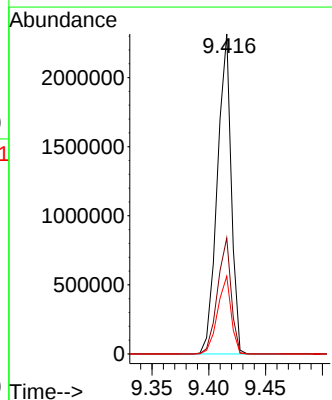
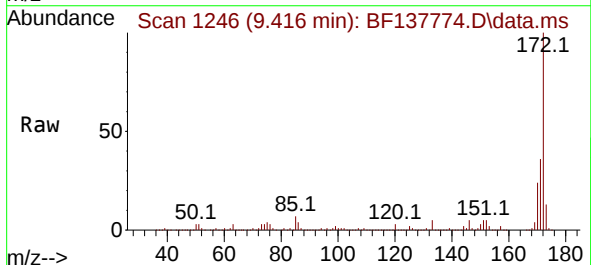
Instrument :
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 ClientSampleId :
 72-12016

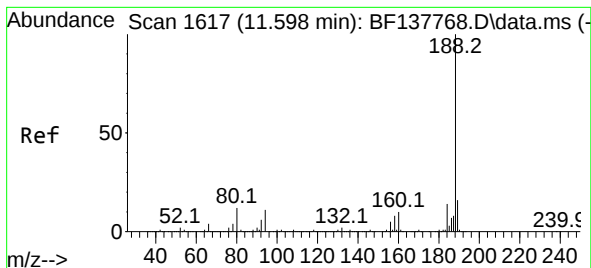
Tgt Ion: 330 Resp: 240859
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.3 115.9
 141 30.2 23.8 35.6



#45
 2-Fluorobiphenyl
 Concen: 64.213 ng
 RT: 9.416 min Scan# 1246
 Delta R.T. -0.006 min
 Lab File: BF137774.D
 Acq: 30 Apr 2024 16:57

Tgt Ion: 172 Resp: 1971783
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.3 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137774.D

Acq: 30 Apr 2024 16:57

Instrument :

BNA_F

ClientSampleId :

72-12016

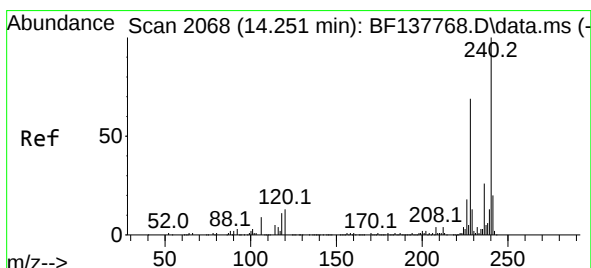
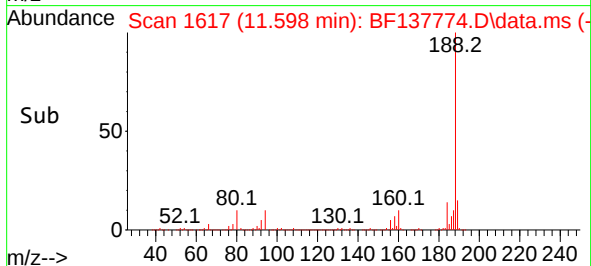
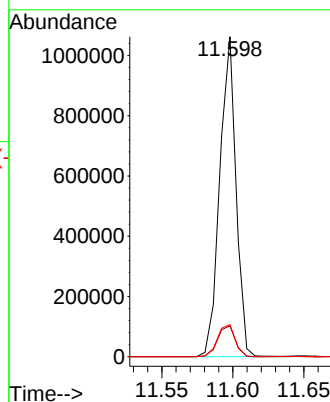
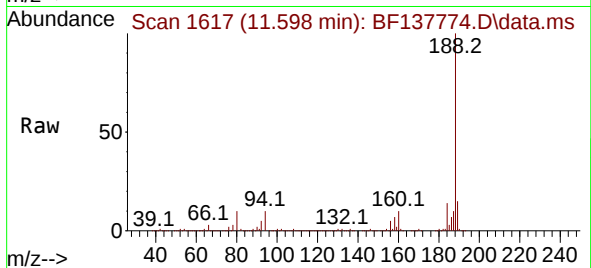
Tgt Ion:188 Resp: 844485

Ion Ratio Lower Upper

188 100

94 9.7 8.8 13.2

80 10.0 9.6 14.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.245 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BF137774.D

Acq: 30 Apr 2024 16:57

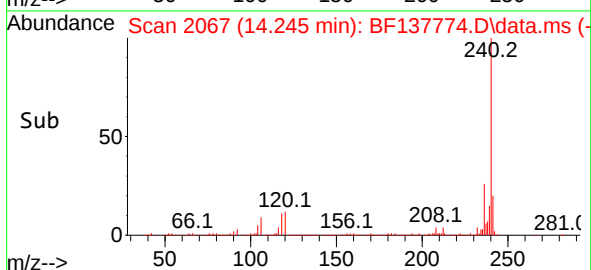
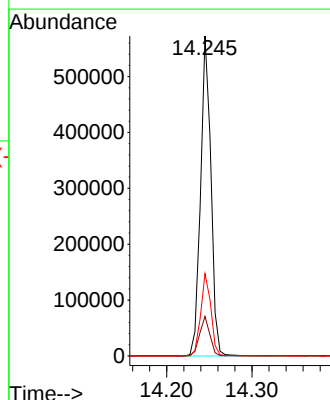
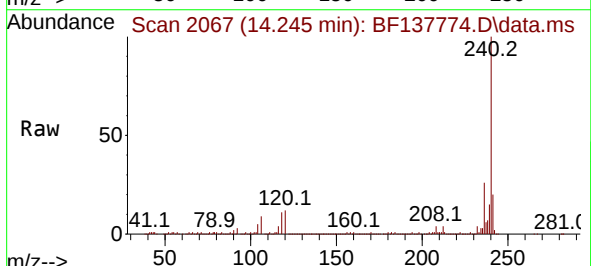
Tgt Ion:240 Resp: 484050

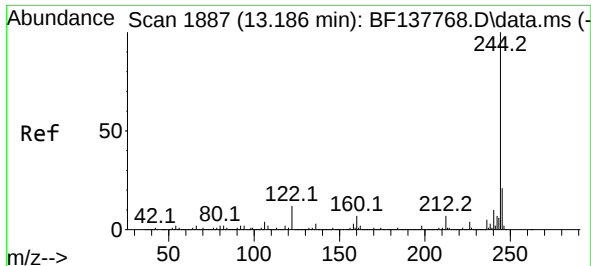
Ion Ratio Lower Upper

240 100

120 12.4 10.4 15.6

236 25.7 20.4 30.6

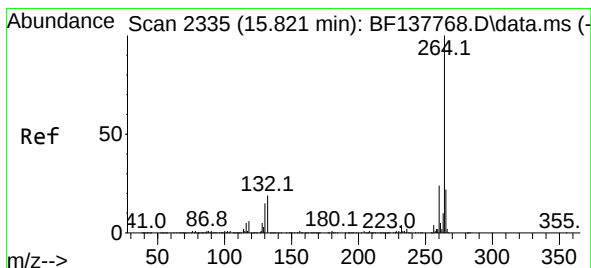
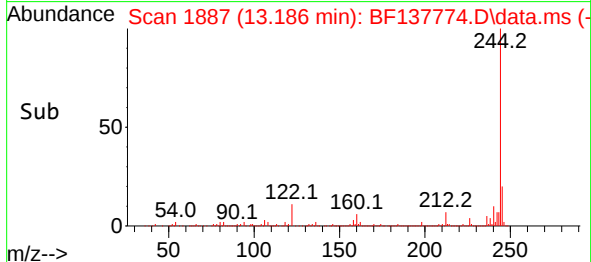
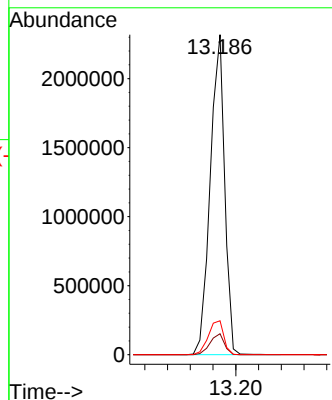
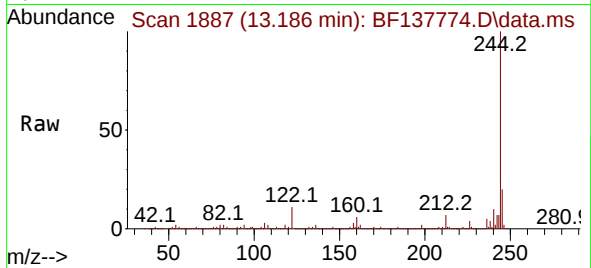




#79
 Terphenyl-d14
 Concen: 70.358 ng
 RT: 13.186 min Scan# 1887
 Delta R.T. -0.000 min
 Lab File: BF137774.D
 Acq: 30 Apr 2024 16:57

Instrument :
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 ClientSampleId :
 72-12016

Tgt Ion:244 Resp: 2032207
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.5 8.3
 122 10.6 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.821 min Scan# 2335
 Delta R.T. -0.000 min
 Lab File: BF137774.D
 Acq: 30 Apr 2024 16:57

Tgt Ion:264 Resp: 470168
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.9 28.3
 265 20.9 17.4 26.0

