

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013124\
 Data File : BF137216.D
 Acq On : 31 Jan 2024 18:01
 Operator : CG\JU
 Sample : P1276-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-37

Quant Time: Feb 01 01:20:28 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 31 04:56:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	45578	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	167021	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	90336	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	164158	20.000	ng	0.00
76) Chrysene-d12	13.969	240	133857	20.000	ng	0.00
86) Perylene-d12	15.451	264	107719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	392980	142.272	ng	0.02
7) Phenol-d6	6.428	99	473912	120.225	ng	0.00
23) Nitrobenzene-d5	7.351	82	363360	97.402	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	143524	140.681	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	653804	99.491	ng	0.00
79) Terphenyl-d14	12.922	244	796352	80.877	ng	0.00

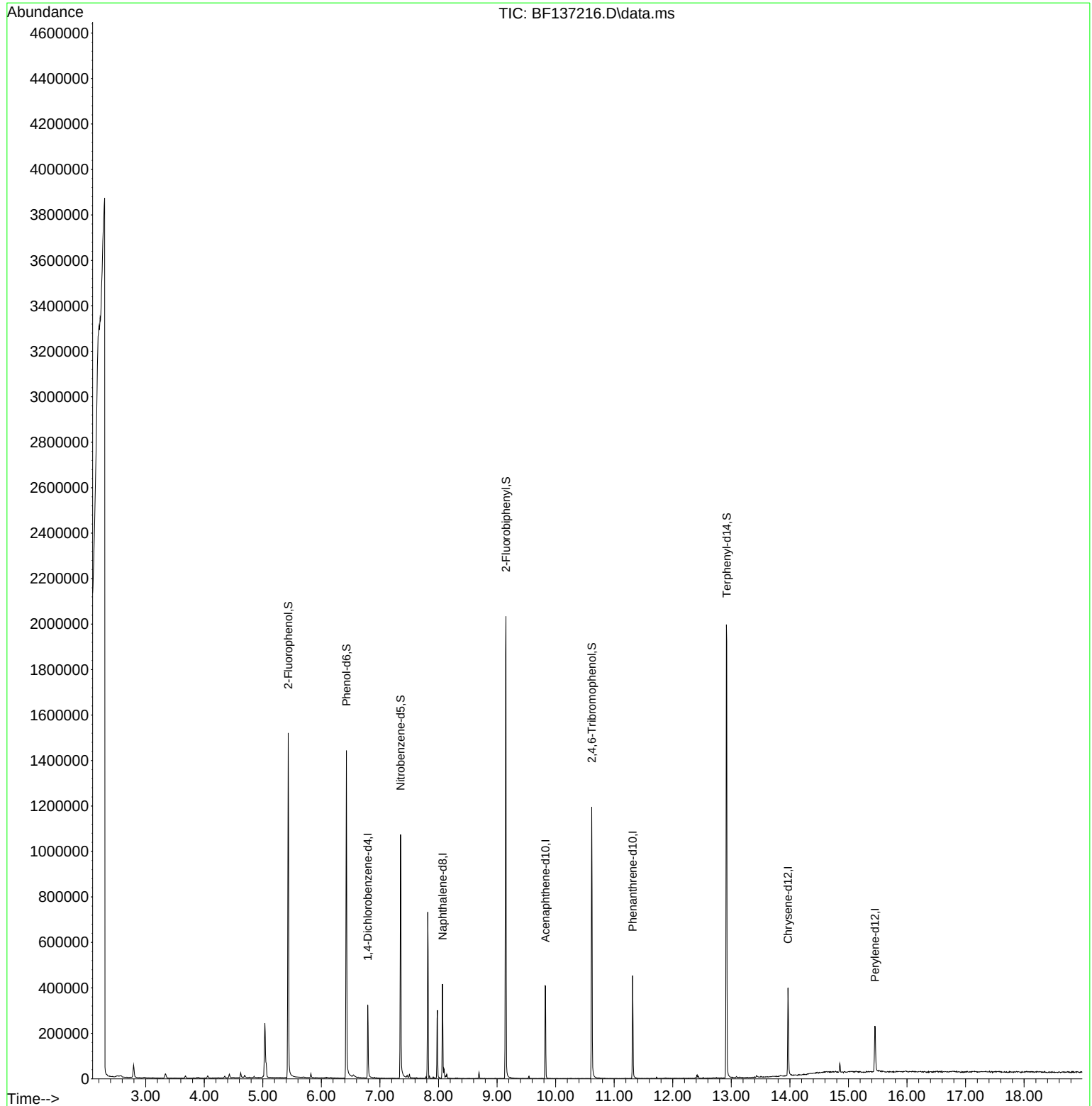
Target Compounds	Qvalue

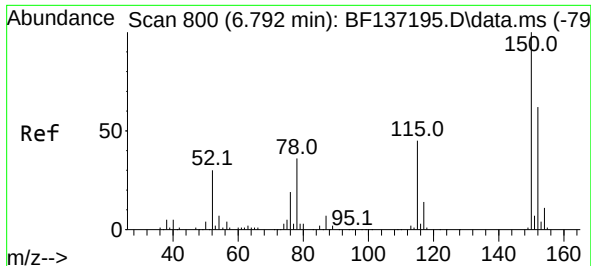
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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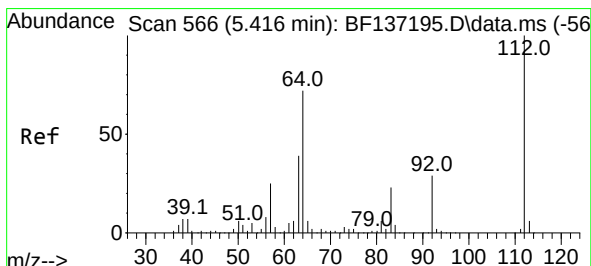
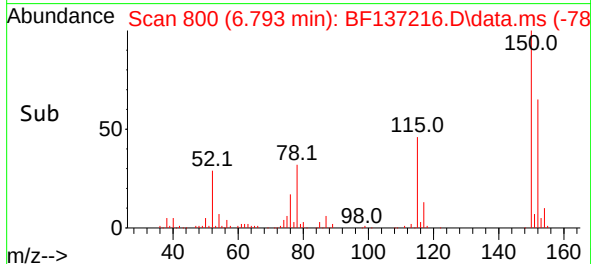
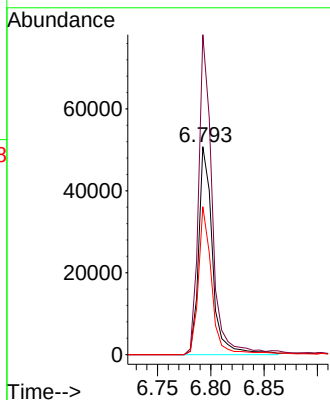
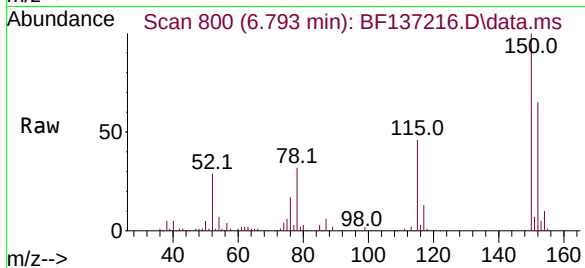




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.793 min Scan# 800
Delta R.T. 0.001 min
Lab File: BF137216.D
Acq: 31 Jan 2024 18:01

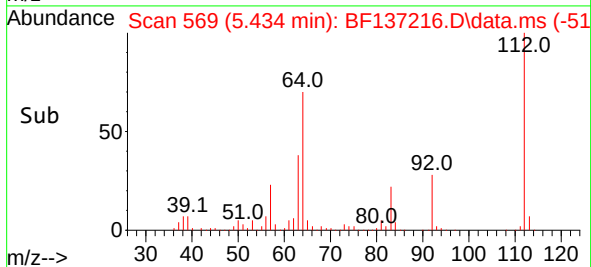
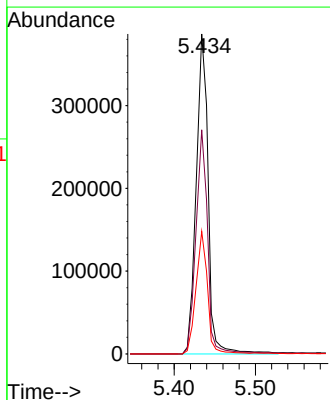
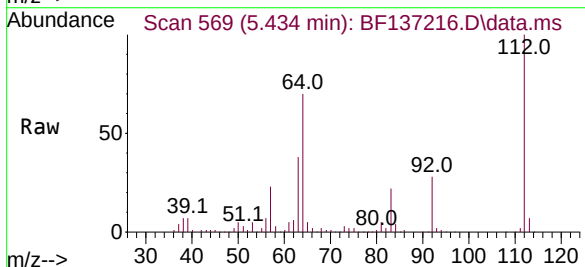
Instrument :
BNA_F
ClientSampleId :
TP-37

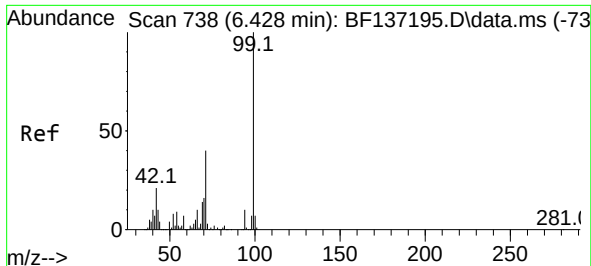
Tgt Ion:152 Resp: 45578
Ion Ratio Lower Upper
152 100
150 153.9 129.8 194.8
115 71.2 58.5 87.7



#5
2-Fluorophenol
Concen: 142.272 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.018 min
Lab File: BF137216.D
Acq: 31 Jan 2024 18:01

Tgt Ion:112 Resp: 392980
Ion Ratio Lower Upper
112 100
64 70.0 57.8 86.6
63 38.3 31.4 47.0



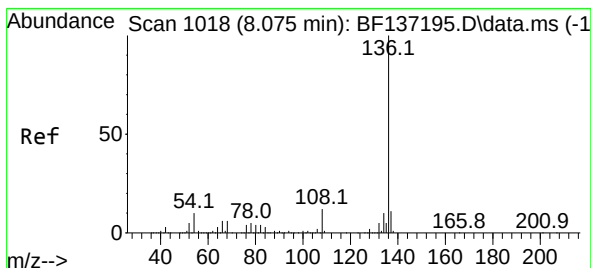
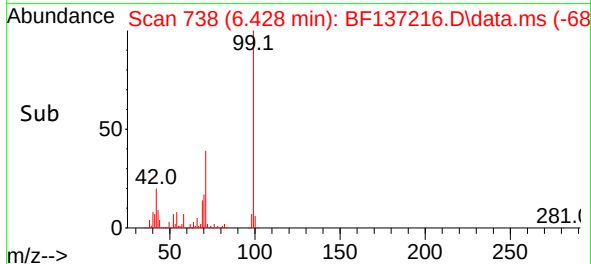
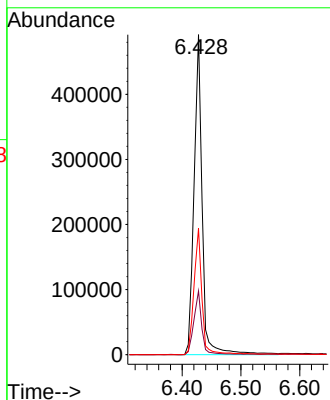
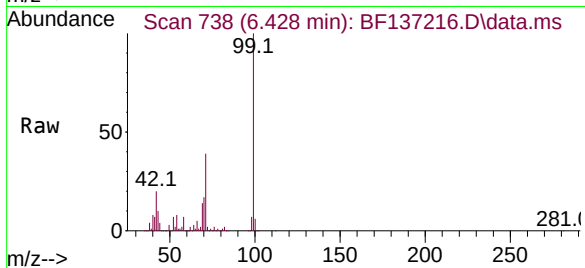


#7
Phenol-d6
Concen: 120.225 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.000 min
Lab File: BF137216.D
Acq: 31 Jan 2024 18:01

Instrument :
BNA_F
ClientSampleId :
TP-37

Tgt Ion: 99 Resp: 473912

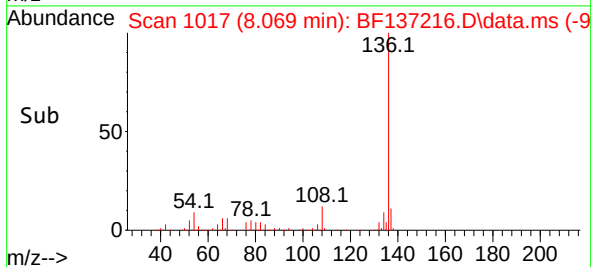
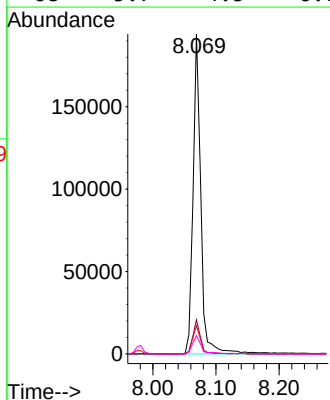
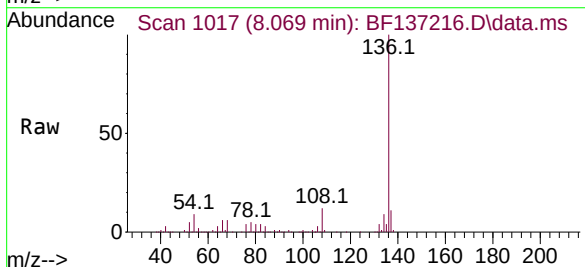
Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.4	24.6
71	39.4	32.4	48.6

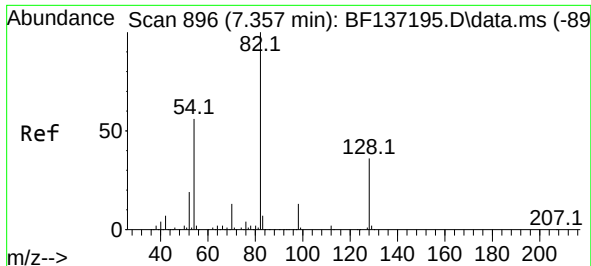


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF137216.D
Acq: 31 Jan 2024 18:01

Tgt Ion: 136 Resp: 167021

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.8	7.8	11.8
68	5.7	4.5	6.7

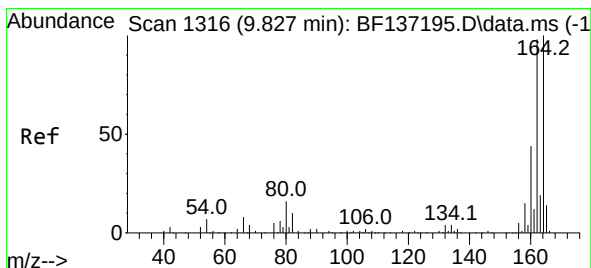
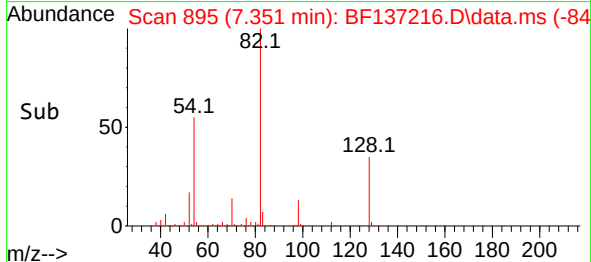
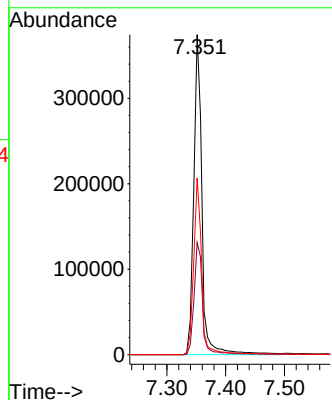
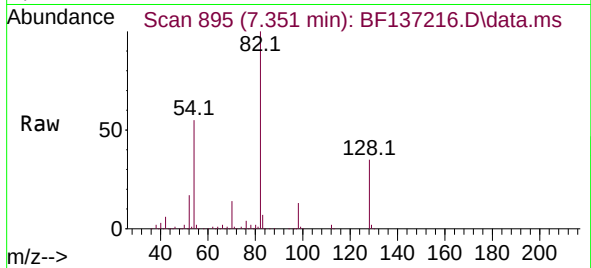




#23
Nitrobenzene-d5
Concen: 97.402 ng
RT: 7.351 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF137216.D
Acq: 31 Jan 2024 18:01

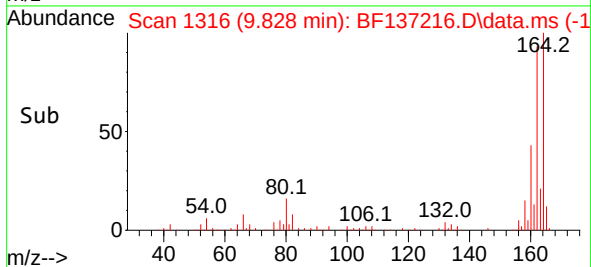
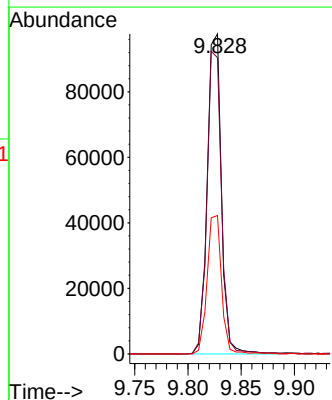
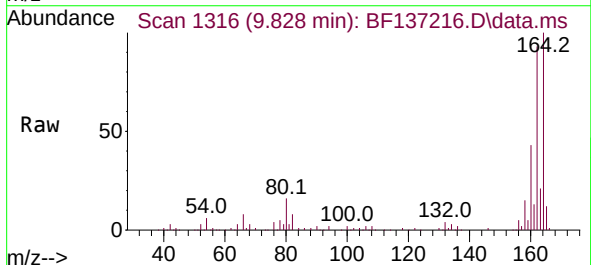
Instrument :
BNA_F
ClientSampleId :
TP-37

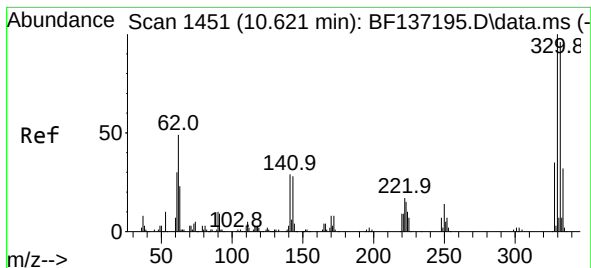
Tgt Ion: 82 Resp: 363360
Ion Ratio Lower Upper
82 100
128 35.0 29.1 43.7
54 55.2 45.0 67.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.001 min
Lab File: BF137216.D
Acq: 31 Jan 2024 18:01

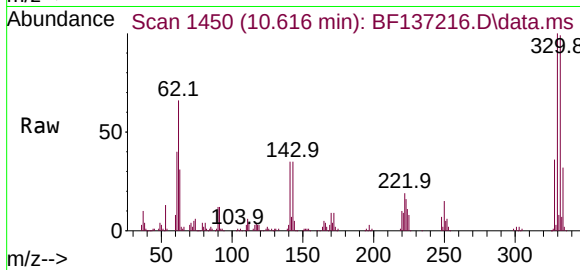
Tgt Ion:164 Resp: 90336
Ion Ratio Lower Upper
164 100
162 92.6 78.3 117.5
160 43.2 35.4 53.2



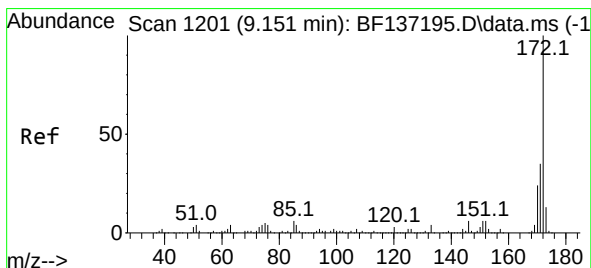
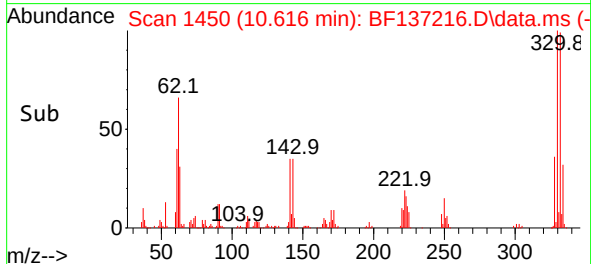
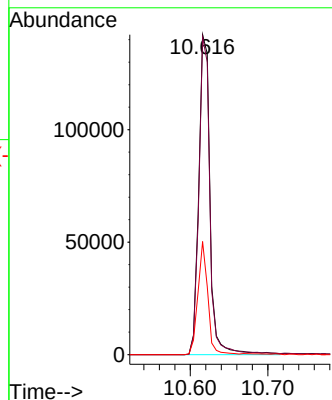


#42
2,4,6-Tribromophenol
Concen: 140.681 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF137216.D
Acq: 31 Jan 2024 18:01

Instrument :
BNA_F
ClientSampleId :
TP-37

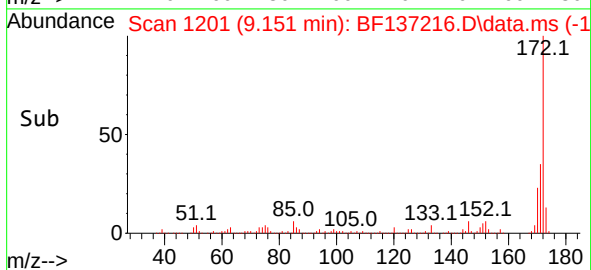
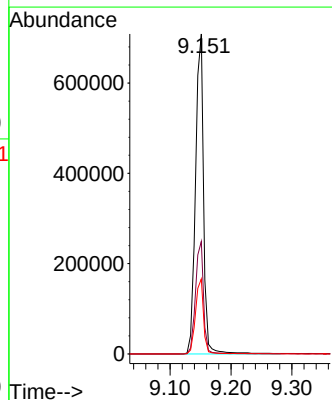
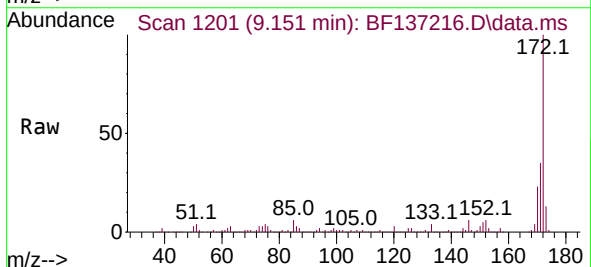


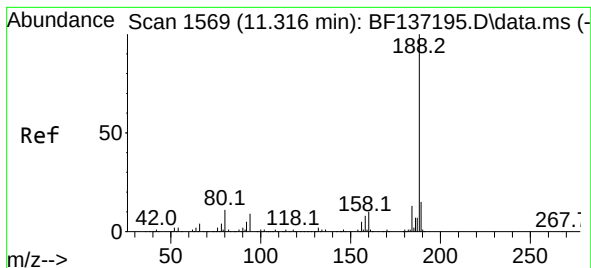
Tgt Ion:330 Resp: 143524
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 30.9 25.2 37.8



#45
2-Fluorobiphenyl
Concen: 99.491 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF137216.D
Acq: 31 Jan 2024 18:01

Tgt Ion:172 Resp: 653804
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.4 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF137216.D

Acq: 31 Jan 2024 18:01

Instrument :

BNA_F

ClientSampleId :

TP-37

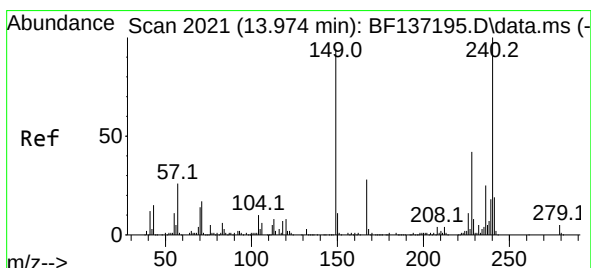
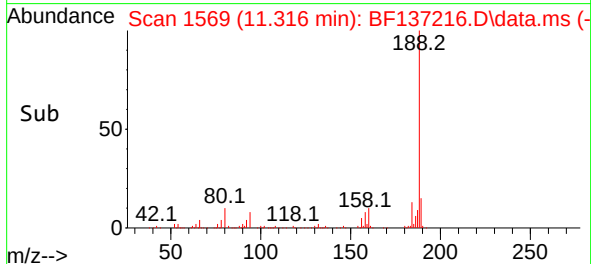
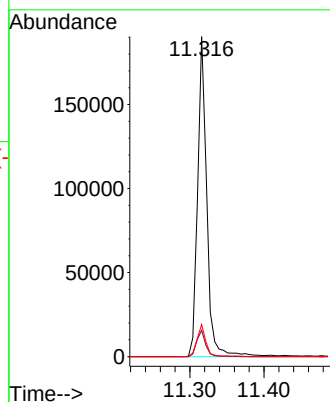
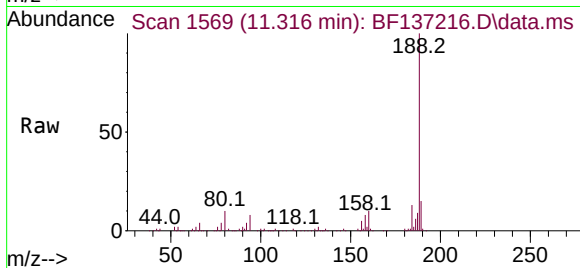
Tgt Ion:188 Resp: 164158

Ion Ratio Lower Upper

188 100

94 8.2 7.0 10.4

80 10.0 8.8 13.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF137216.D

Acq: 31 Jan 2024 18:01

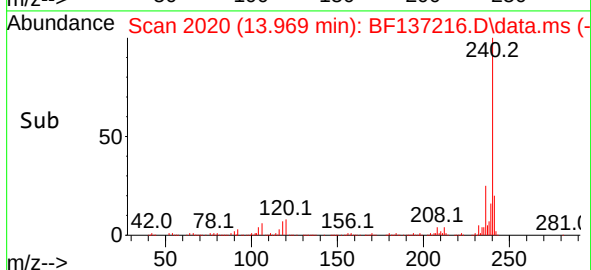
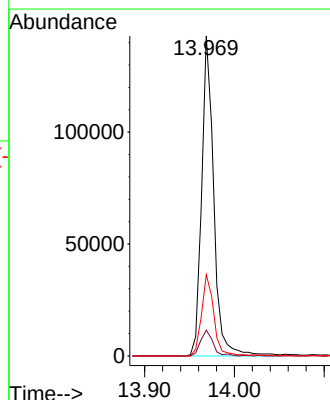
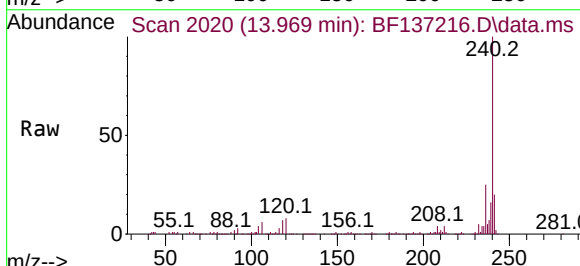
Tgt Ion:240 Resp: 133857

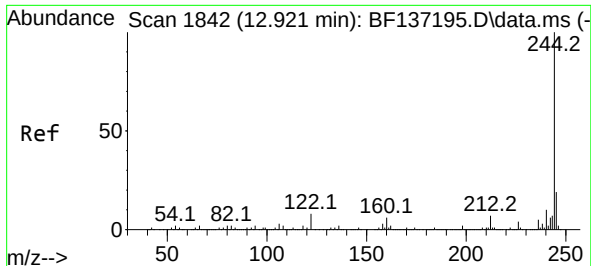
Ion Ratio Lower Upper

240 100

120 8.0 6.3 9.5

236 25.4 20.3 30.5

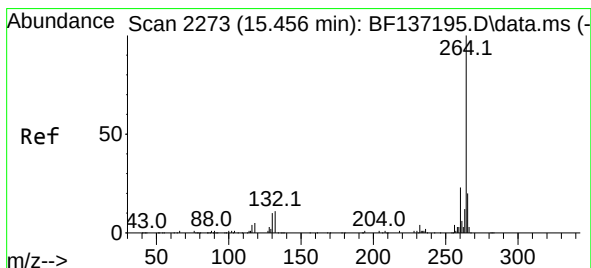
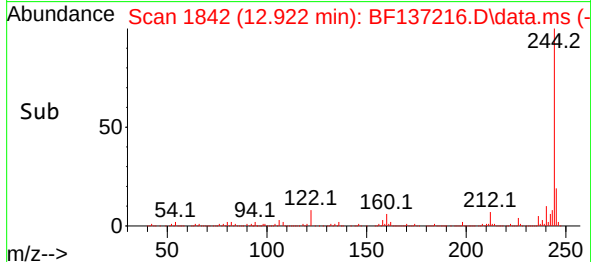
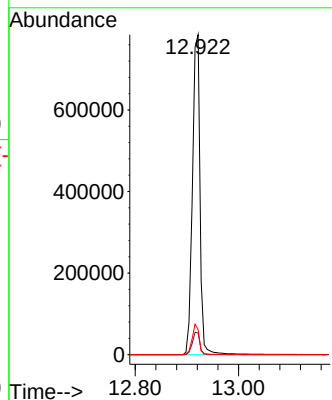
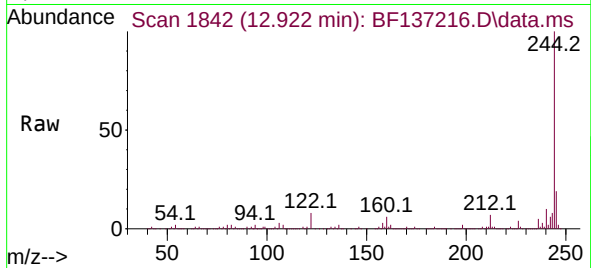




#79
 Terphenyl-d14
 Concen: 80.877 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF137216.D
 Acq: 31 Jan 2024 18:01

Instrument :
 BNA_F
 ClientSampleId :
 TP-37

Tgt Ion:244 Resp: 796352
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 7.8 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF137216.D
 Acq: 31 Jan 2024 18:01

Tgt Ion:264 Resp: 107719
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.2 27.4
 265 20.3 16.2 24.2

