

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030524\
 Data File : BF137507.D
 Acq On : 05 Mar 2024 18:35
 Operator : CG\JU
 Sample : P1672-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Mar 06 00:16:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 00:07:28 2024
 Response via : Initial Calibration

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

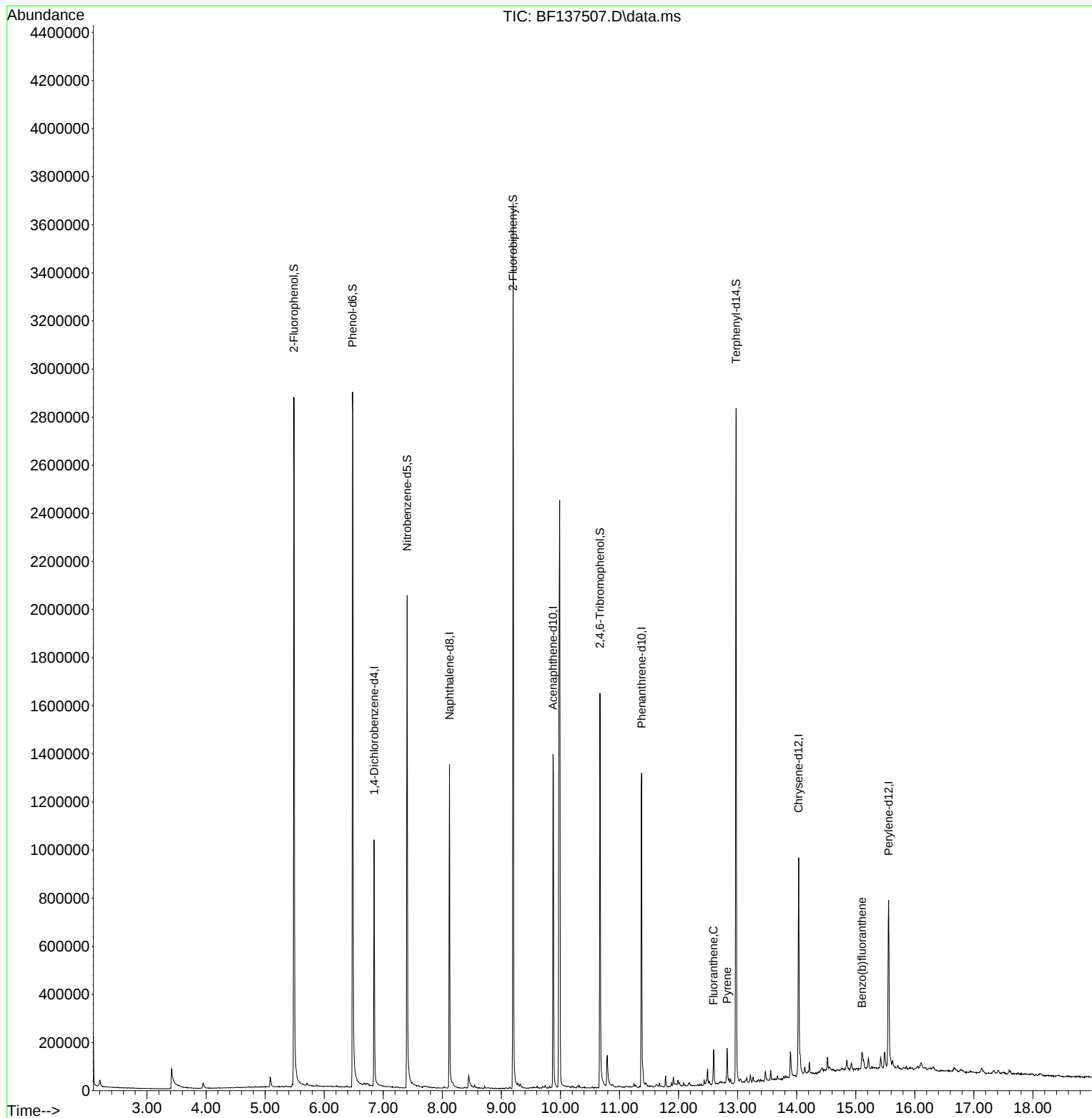
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	144458	20.000	ng	-0.02
21) Naphthalene-d8	8.122	136	550227	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	301106	20.000	ng	-0.02
64) Phenanthrene-d10	11.375	188	503253	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	295616	20.000	ng	-0.02
86) Perylene-d12	15.557	264	343492	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	836811	87.734	ng	-0.02
7) Phenol-d6	6.481	99	1113657	80.888	ng	-0.02
23) Nitrobenzene-d5	7.404	82	652162	55.072	ng	-0.02
42) 2,4,6-Tribromophenol	10.669	330	175777	66.476	ng	-0.02
45) 2-Fluorobiphenyl	9.198	172	1027835	53.434	ng	-0.02
79) Terphenyl-d14	12.974	244	971056	45.170	ng	-0.02
Target Compounds						
						Qvalue
75) Fluoranthene	12.592	202	59571	2.225	ng	98
78) Pyrene	12.822	202	60570	2.088	ng	97
88) Benzo(b)fluoranthene	15.104	252	42222m	2.078	ng	

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

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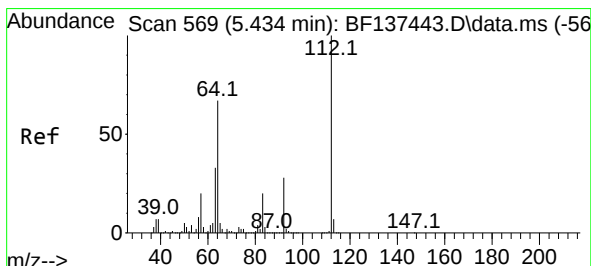
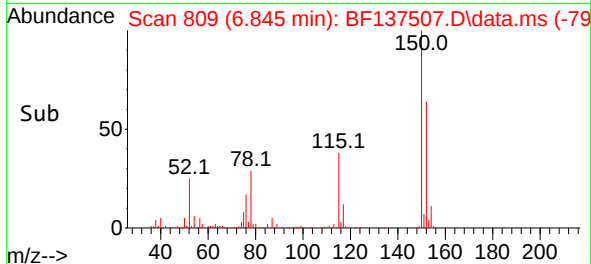
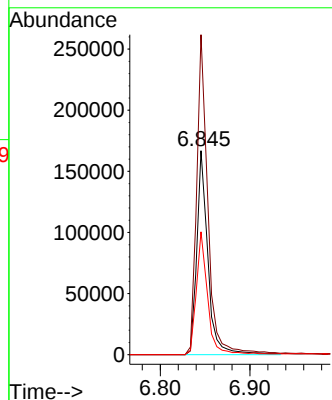
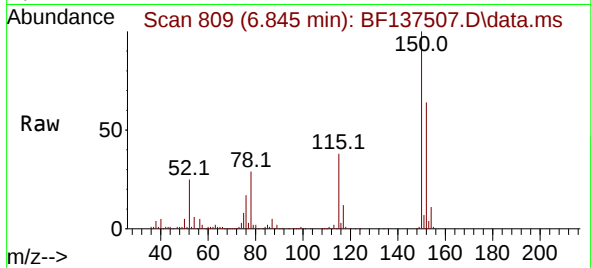




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 802
Delta R.T. -0.018 min
Lab File: BF137507.D
Acq: 05 Mar 2024 18:35

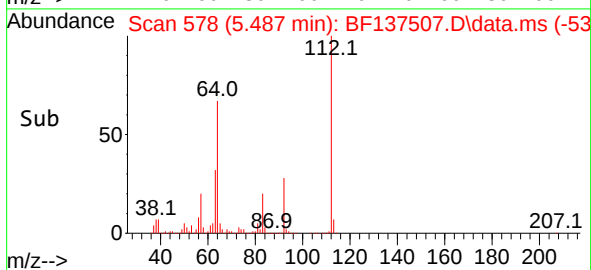
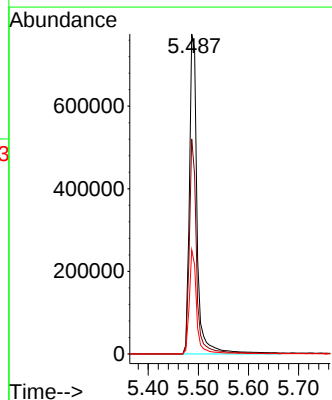
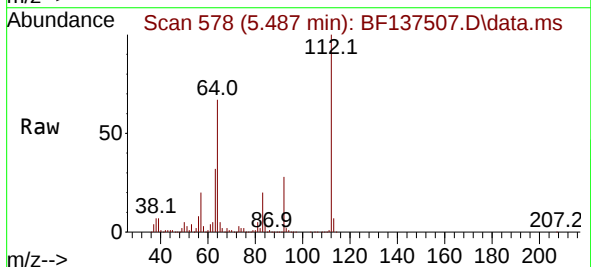
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion:152 Resp: 144458
Ion Ratio Lower Upper
152 100
150 156.9 125.8 188.6
115 60.2 48.8 73.2



#5
2-Fluorophenol
Concen: 87.734 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.023 min
Lab File: BF137507.D
Acq: 05 Mar 2024 18:35

Tgt Ion:112 Resp: 836811
Ion Ratio Lower Upper
112 100
64 67.2 53.4 80.2
63 32.5 26.2 39.2

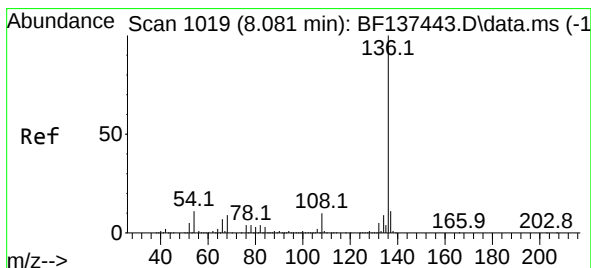
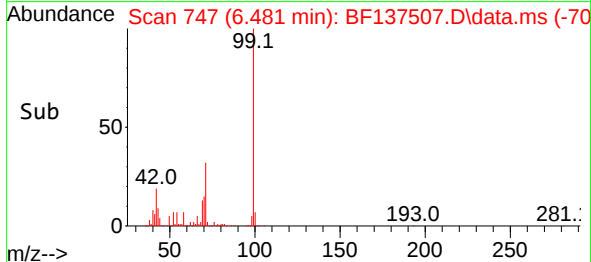
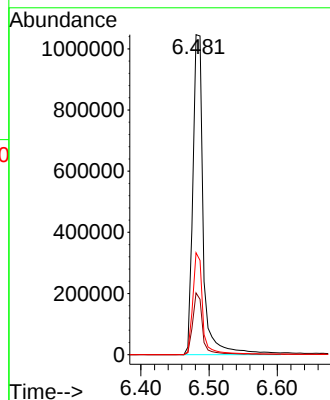
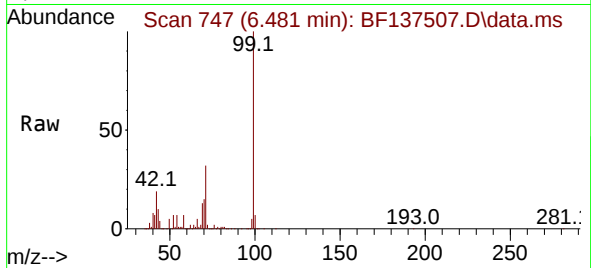




#7
Phenol-d6
Concen: 80.888 ng
RT: 6.481 min Scan# 741
Delta R.T. -0.023 min
Lab File: BF137507.D
Acq: 05 Mar 2024 18:35

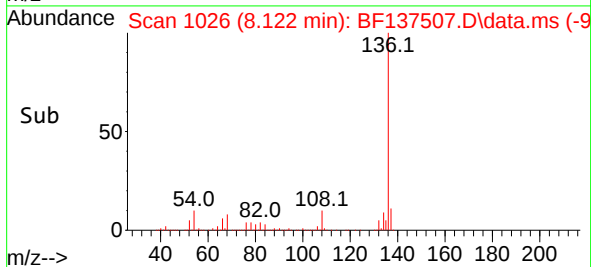
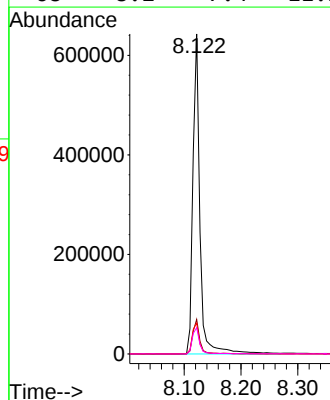
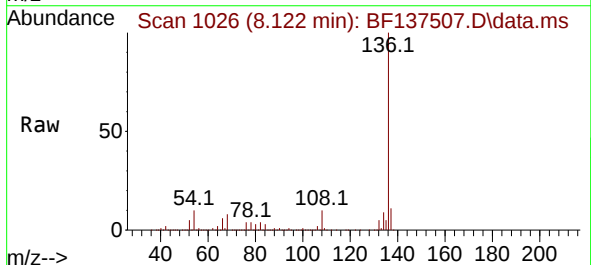
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BNA_F
ClientSampleId :
TP-1

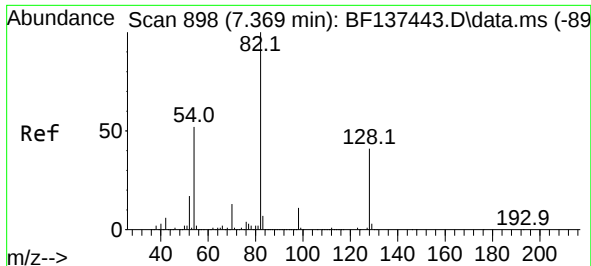
Tgt Ion: 99 Resp: 1113657
Ion Ratio Lower Upper
99 100
42 19.3 14.6 21.8
71 31.8 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF137507.D
Acq: 05 Mar 2024 18:35

Tgt Ion:136 Resp: 550227
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 9.7 8.5 12.7
68 8.2 7.4 11.2

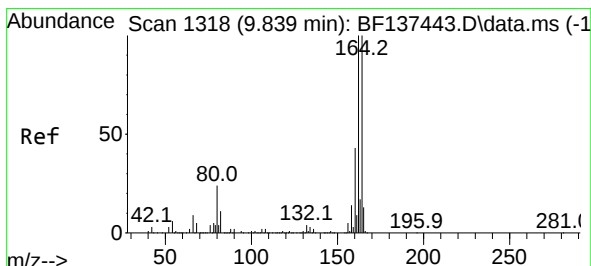
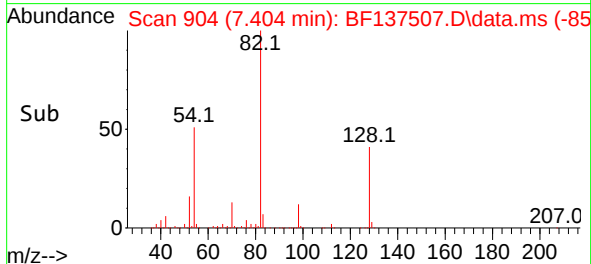
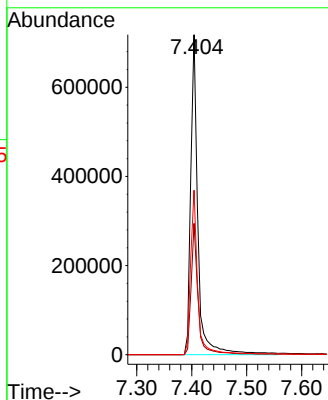
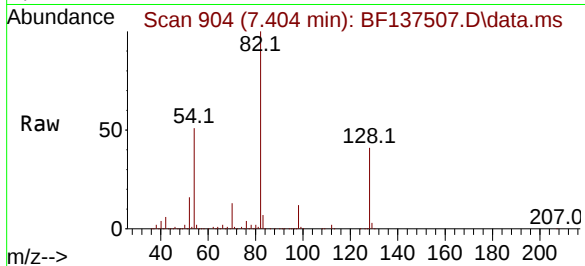




#23
Nitrobenzene-d5
Concen: 55.072 ng
RT: 7.404 min Scan# 904
Delta R.T. -0.023 min
Lab File: BF137507.D
Acq: 05 Mar 2024 18:35

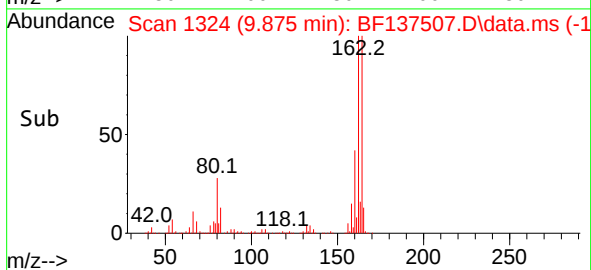
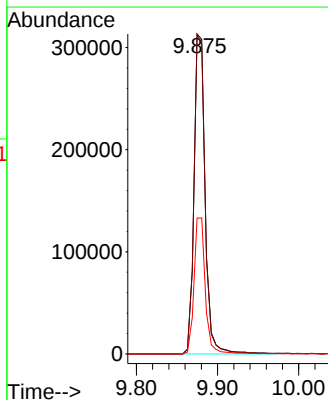
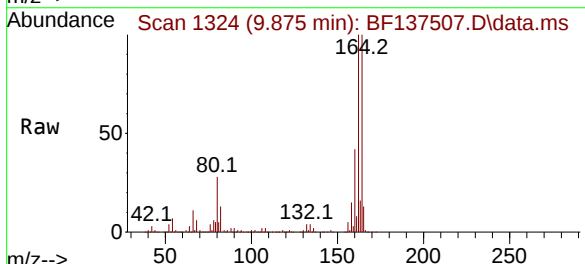
Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 82 Resp: 652162
Ion Ratio Lower Upper
82 100
128 41.1 32.5 48.7
54 51.4 41.5 62.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1324
Delta R.T. -0.018 min
Lab File: BF137507.D
Acq: 05 Mar 2024 18:35

Tgt Ion:164 Resp: 301106
Ion Ratio Lower Upper
164 100
162 99.8 79.8 119.8
160 42.5 34.4 51.6

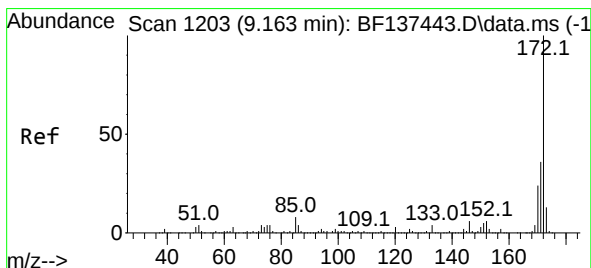
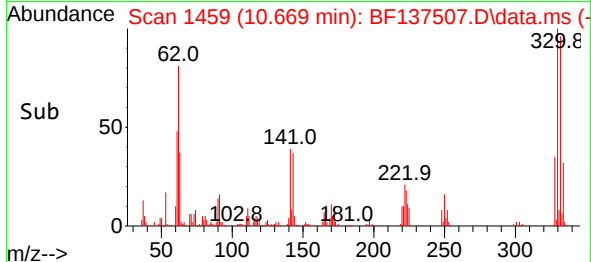
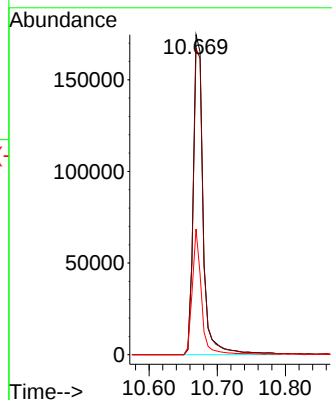
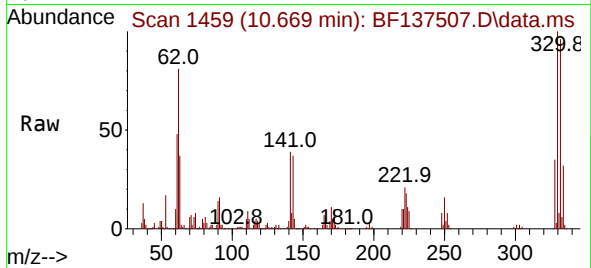




#42
2,4,6-Tribromophenol
Concen: 66.476 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.023 min
Lab File: BF137507.D
Acq: 05 Mar 2024 18:35

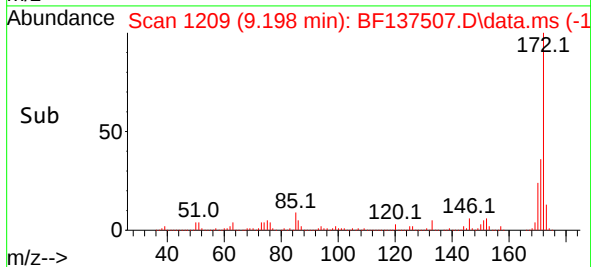
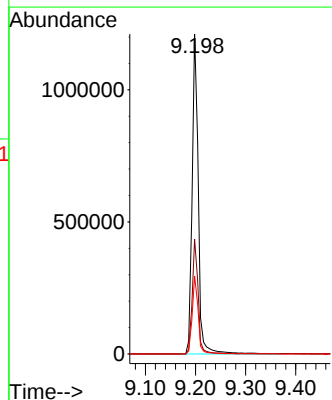
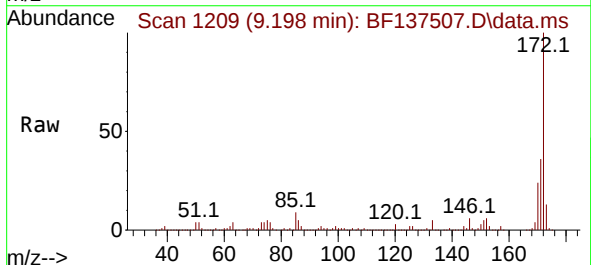
Instrument :
BNA_F
ClientSampleId :
TP-1

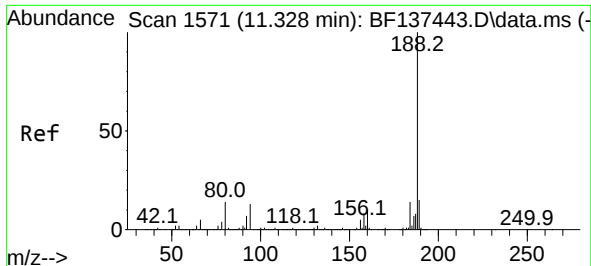
Tgt Ion: 330 Resp: 175777
Ion Ratio Lower Upper
330 100
332 97.8 78.0 117.0
141 36.1 27.3 40.9



#45
2-Fluorobiphenyl
Concen: 53.434 ng
RT: 9.198 min Scan# 1209
Delta R.T. -0.018 min
Lab File: BF137507.D
Acq: 05 Mar 2024 18:35

Tgt Ion: 172 Resp: 1027835
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 24.3 19.0 28.6

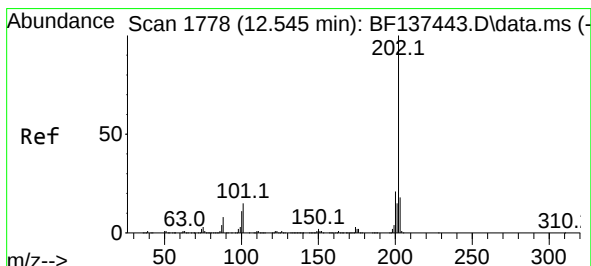
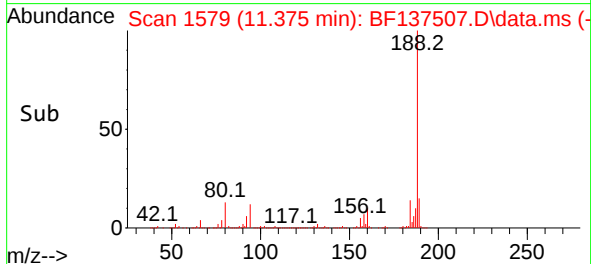
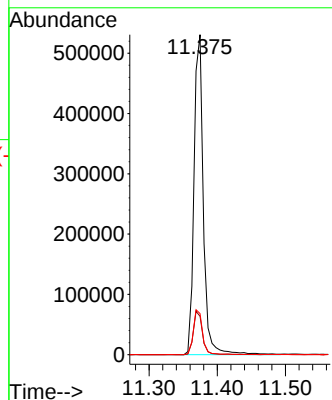
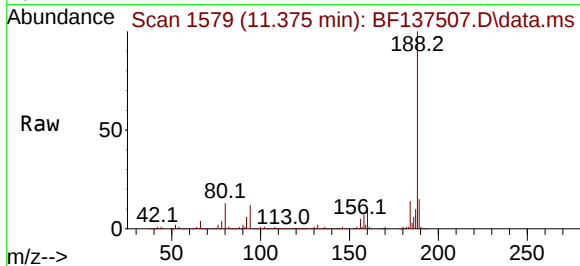




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF137507.D
Acq: 05 Mar 2024 18:35

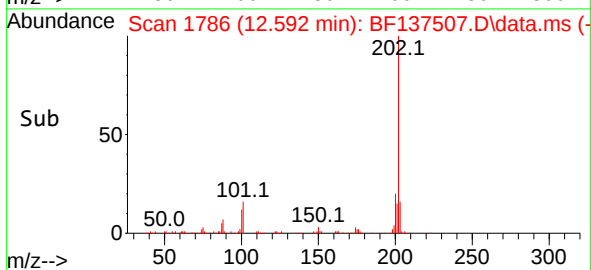
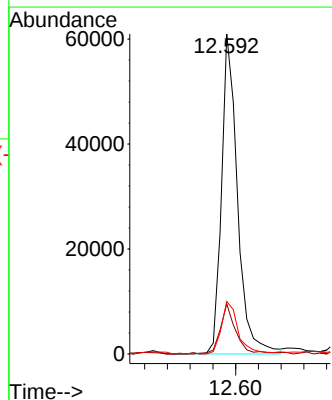
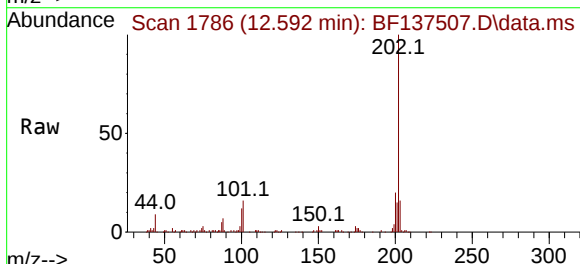
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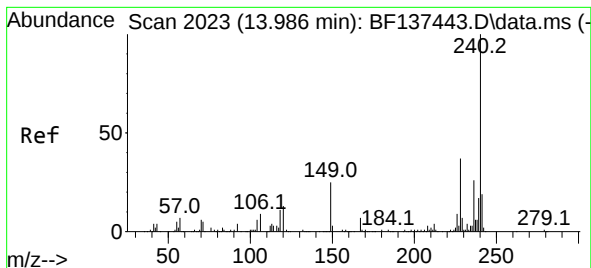
Tgt Ion:188 Resp: 503253
Ion Ratio Lower Upper
188 100
94 12.0 10.6 15.8
80 12.8 11.5 17.3



#75
Fluoranthene
Concen: 2.225 ng
RT: 12.592 min Scan# 1786
Delta R.T. -0.017 min
Lab File: BF137507.D
Acq: 05 Mar 2024 18:35

Tgt Ion:202 Resp: 59571
Ion Ratio Lower Upper
202 100
101 15.6 0.0 35.0
203 16.4 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 20

Delta R.T. -0.018 min

Lab File: BF137507.D

Acq: 05 Mar 2024 18:35

Instrument :

BNA_F

ClientSampleId :

TP-1

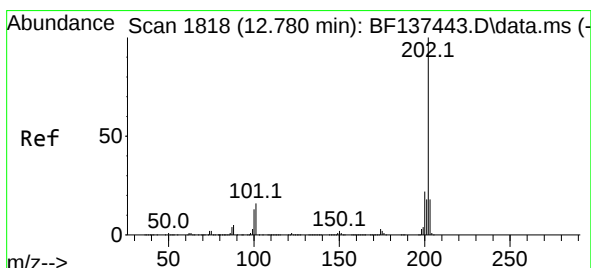
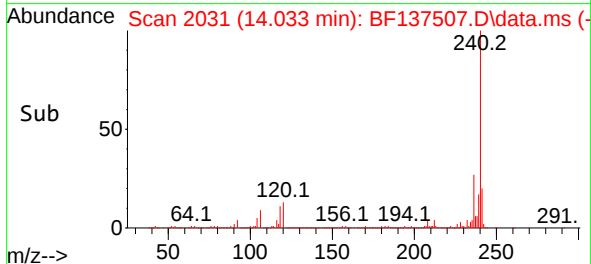
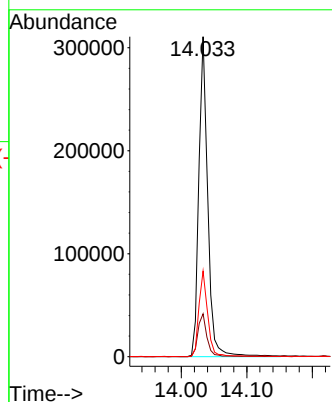
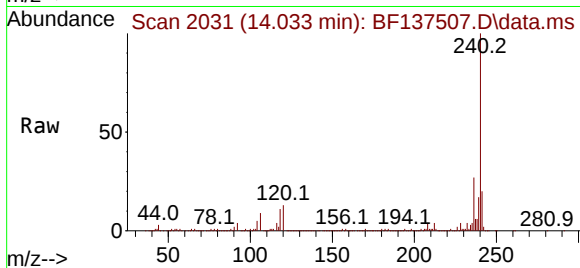
Tgt Ion:240 Resp: 295616

Ion Ratio Lower Upper

240 100

120 13.4 10.4 15.6

236 26.8 20.9 31.3



#78

Pyrene

Concen: 2.088 ng

RT: 12.822 min Scan# 1825

Delta R.T. -0.018 min

Lab File: BF137507.D

Acq: 05 Mar 2024 18:35

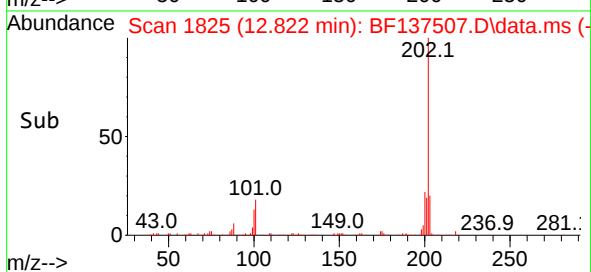
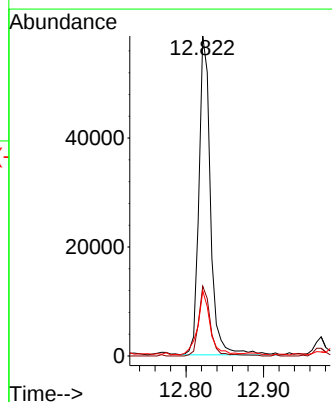
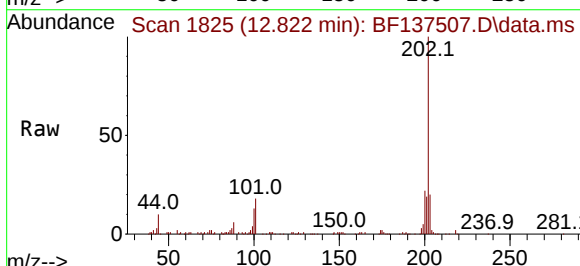
Tgt Ion:202 Resp: 60570

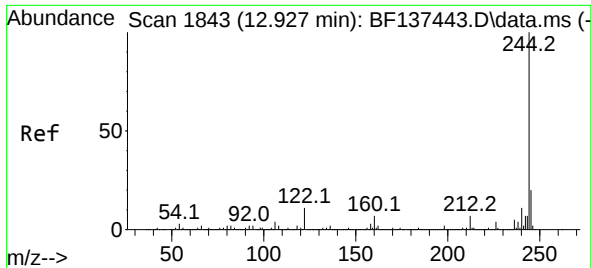
Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

203 20.3 14.1 21.1

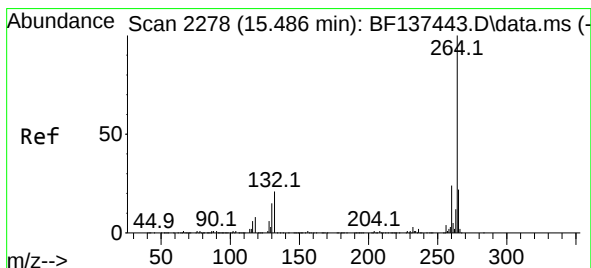
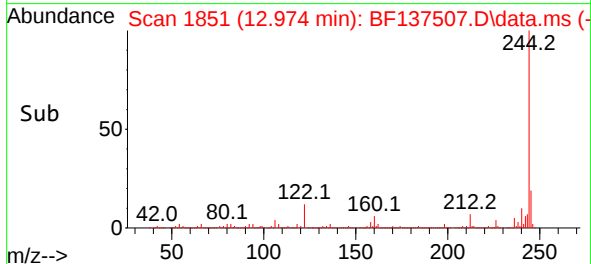
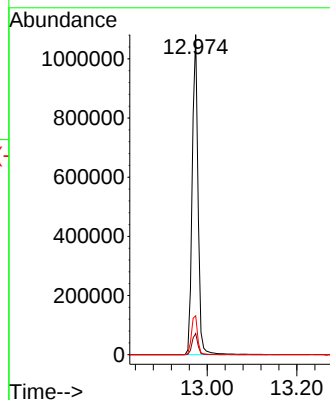
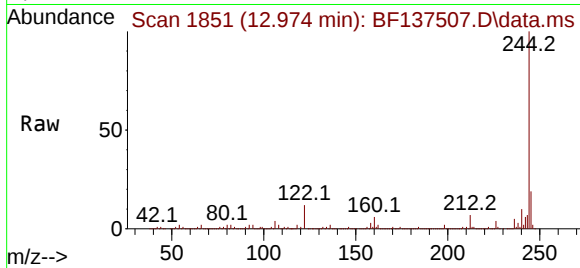




#79
 Terphenyl-d14
 Concen: 45.170 ng
 RT: 12.974 min Scan# 1843
 Delta R.T. -0.018 min
 Lab File: BF137507.D
 Acq: 05 Mar 2024 18:35

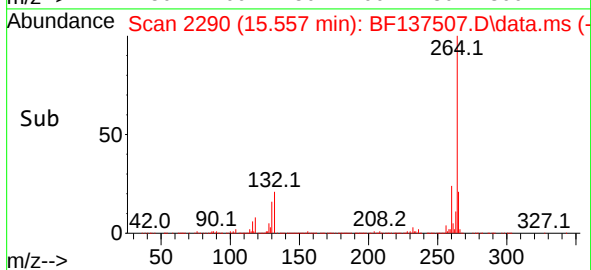
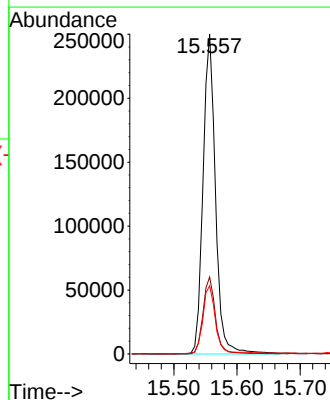
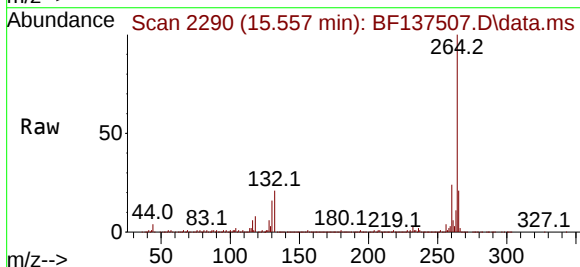
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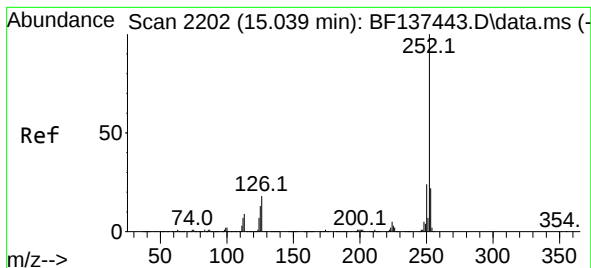
Tgt Ion:244 Resp: 971056
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 12.1 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.012 min
 Lab File: BF137507.D
 Acq: 05 Mar 2024 18:35

Tgt Ion:264 Resp: 343492
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.3 28.9
 265 21.3 17.4 26.0





#88

Benzo(b)fluoranthene

Concen: 2.078 ng m

RT: 15.104 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF137507.D

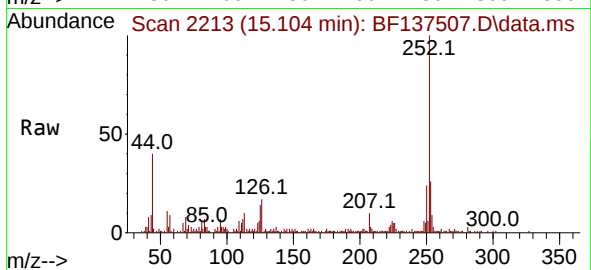
Acq: 05 Mar 2024 18:35

Instrument :

BNA_F

ClientSampleId :

TP-1



Tgt Ion:252 Resp: 42222

Ion Ratio Lower Upper

252 100

253 26.4 17.8 26.8

125 13.6 10.1 15.1

