

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137392.D
 Acq On : 26 Feb 2024 18:33
 Operator : CG\JU
 Sample : P1538-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

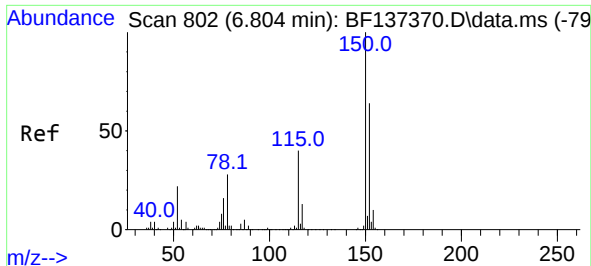
Instrument :
 BNA_F
 ClientSampleId :
 20241104-AMENDED-COMPOSITE-35N-N-4-03

Quant Time: Feb 27 00:39:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 24 04:23:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	215646	20.000	ng	-0.02
21) Naphthalene-d8	8.057	136	840335	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	429204	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	615201	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	399406	20.000	ng	-0.02
86) Perylene-d12	15.439	264	465634	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	284970	20.391	ng	-0.02
7) Phenol-d6	6.416	99	973342	47.346	ng	-0.02
23) Nitrobenzene-d5	7.339	82	903420	53.672	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	22726	6.080	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1477473	53.592	ng	-0.02
79) Terphenyl-d14	12.904	244	1206030	42.234	ng	-0.02
Target Compounds						Qvalue
78) Pyrene	12.757	202	76325	2.021	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	10904	5.848	ng	93
87) Indeno(1,2,3-cd)pyrene	16.933	276	15395	2.330	ng	99
92) Benzo(g,h,i)perylene	17.380	276	16426	2.645	ng	93

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



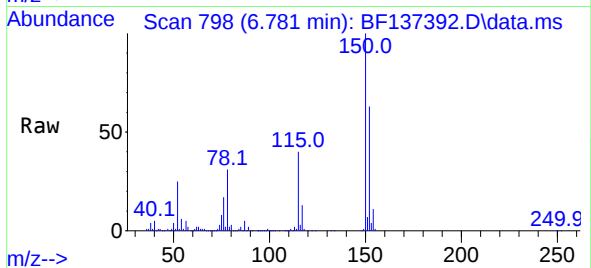
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137392.D
Acq: 26 Feb 2024 18:33

Instrument :

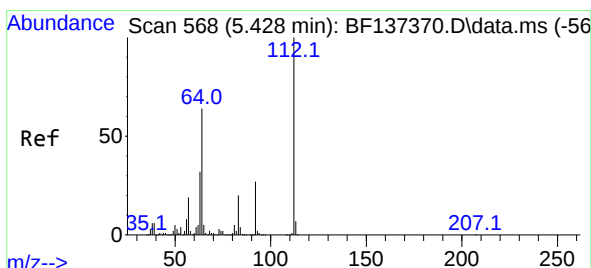
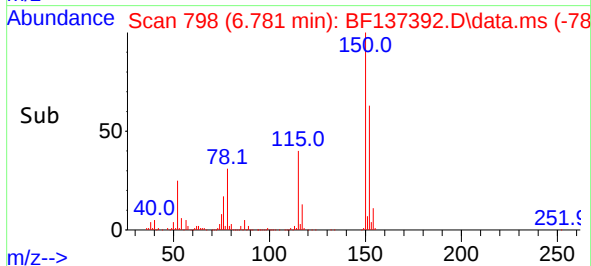
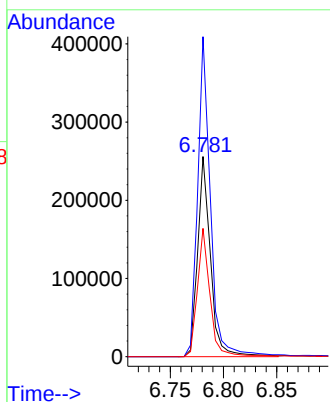
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ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03

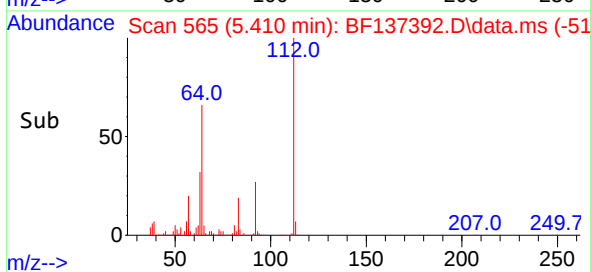
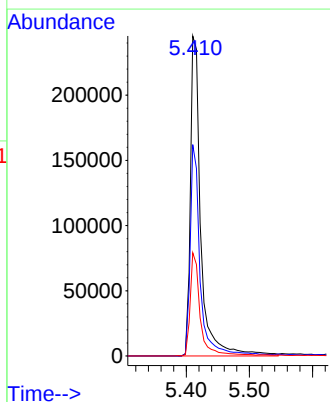
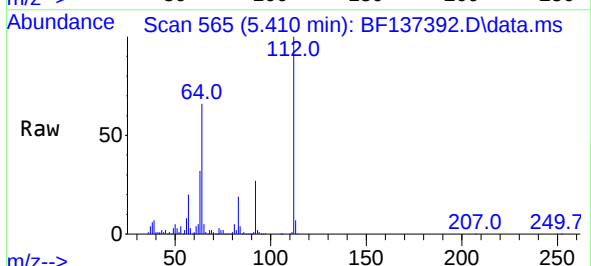


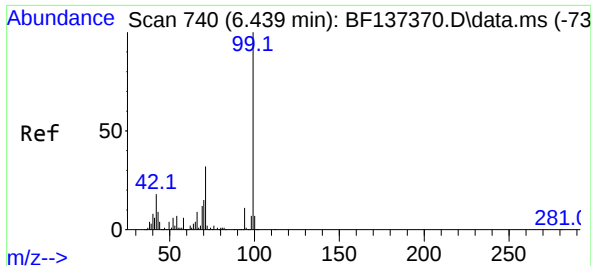
Tgt Ion:152 Resp: 215646
Ion Ratio Lower Upper
152 100
150 159.9 125.7 188.5
115 64.1 49.8 74.8



#5
2-Fluorophenol
Concen: 20.391 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.018 min
Lab File: BF137392.D
Acq: 26 Feb 2024 18:33

Tgt Ion:112 Resp: 284970
Ion Ratio Lower Upper
112 100
64 66.0 51.0 76.6
63 32.2 25.7 38.5

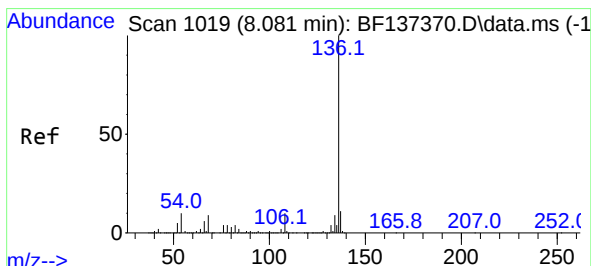
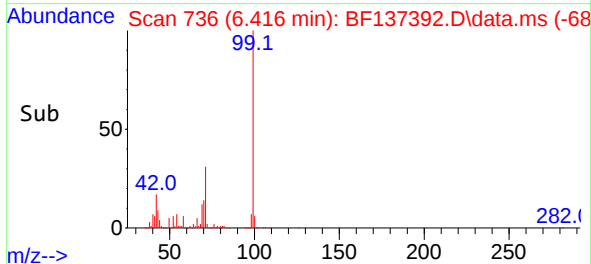
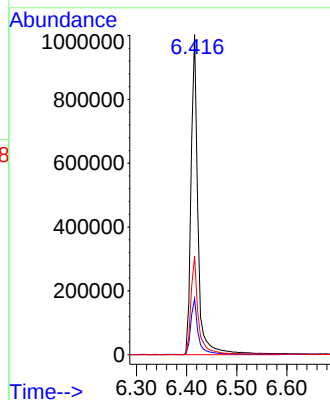
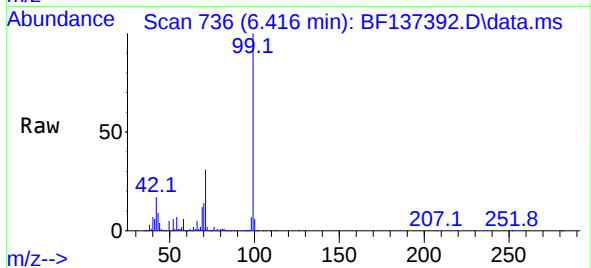




#7
Phenol-d6
Concen: 47.346 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF137392.D
Acq: 26 Feb 2024 18:33

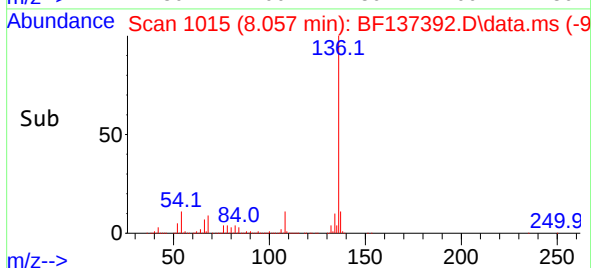
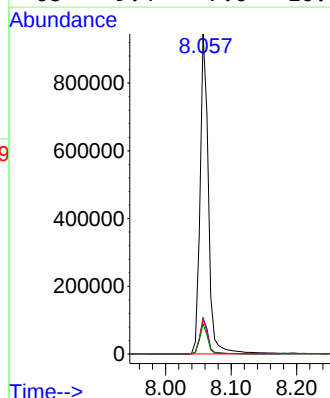
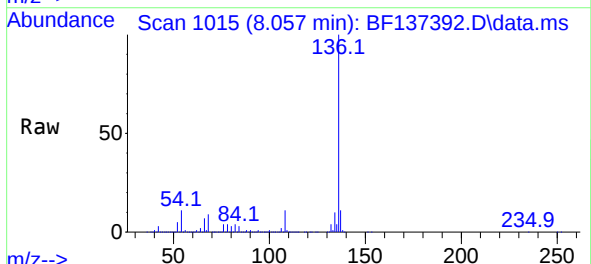
Instrument :
BNA_F
ClientSampleId :
20241104-AMENDED-COMPOSITE-35N-N-4-03

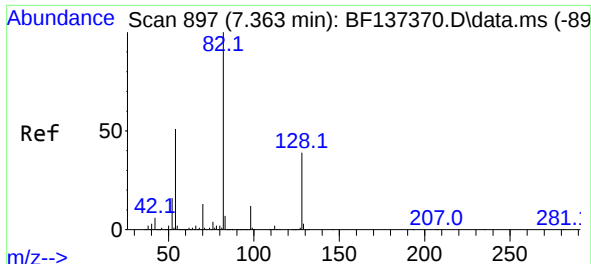
Tgt Ion: 99 Resp: 973342
Ion Ratio Lower Upper
99 100
42 17.5 14.2 21.4
71 30.8 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.024 min
Lab File: BF137392.D
Acq: 26 Feb 2024 18:33

Tgt Ion: 136 Resp: 840335
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 11.0 7.8 11.6
68 9.4 7.0 10.4





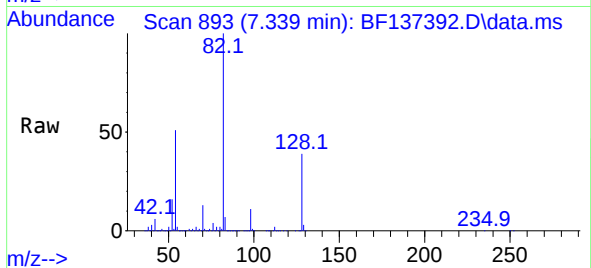
#23
Nitrobenzene-d5
Concen: 53.672 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.023 min
Lab File: BF137392.D
Acq: 26 Feb 2024 18:33

Instrument :

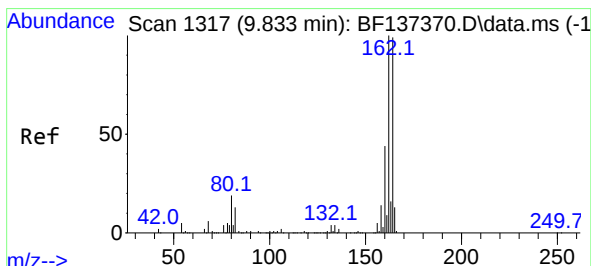
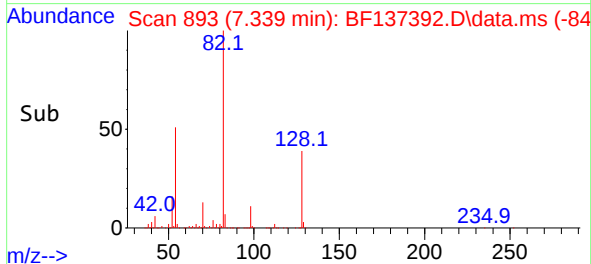
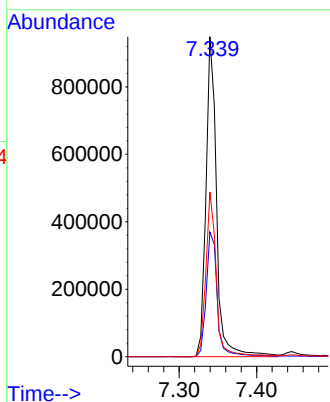
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ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03

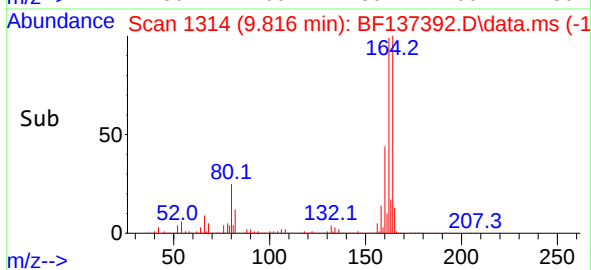
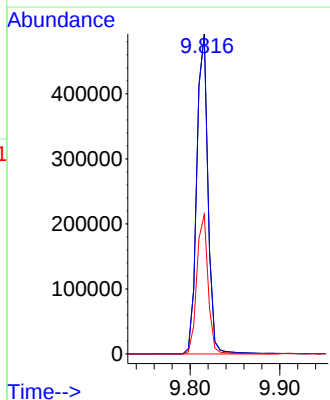
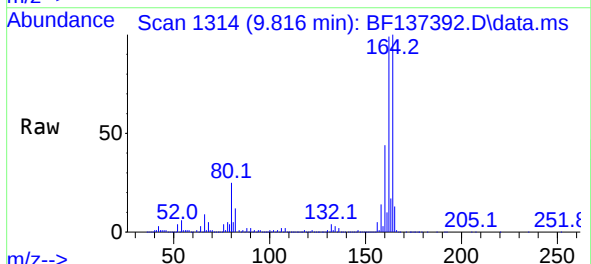


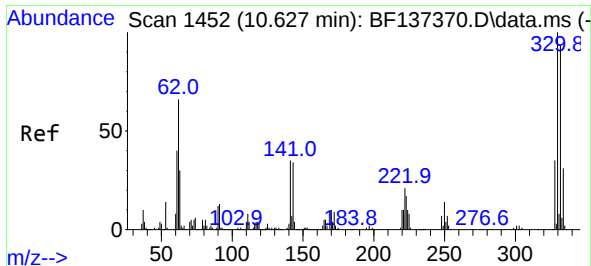
Tgt Ion: 82 Resp: 903420
Ion Ratio Lower Upper
82 100
128 39.0 30.8 46.2
54 51.4 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF137392.D
Acq: 26 Feb 2024 18:33

Tgt Ion: 164 Resp: 429204
Ion Ratio Lower Upper
164 100
162 99.3 81.2 121.8
160 43.5 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 6.080 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.023 min

Lab File: BF137392.D

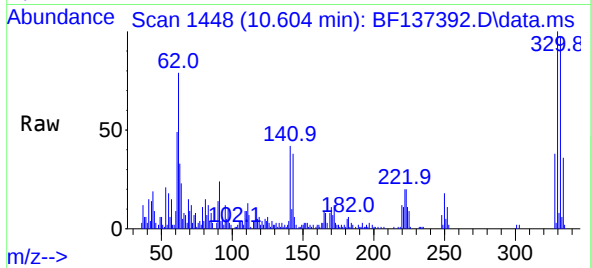
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Instrument :

BNA_F

ClientSampleId :

20241104-AMENDED-COMPOSITE-35N-N-4-03



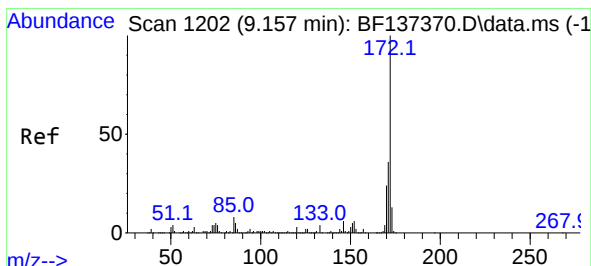
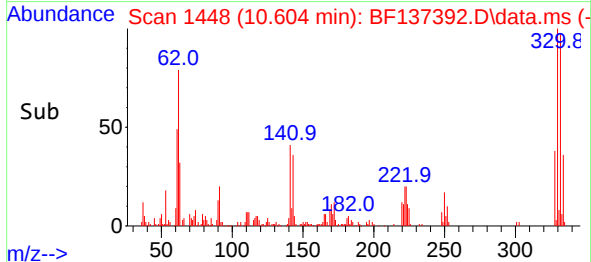
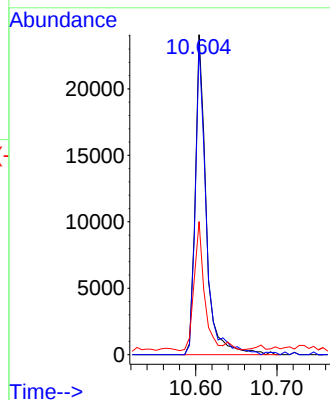
Tgt Ion:330 Resp: 22726

Ion Ratio Lower Upper

330 100

332 96.8 75.6 113.4

141 37.8 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 53.592 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF137392.D

Acq: 26 Feb 2024 18:33

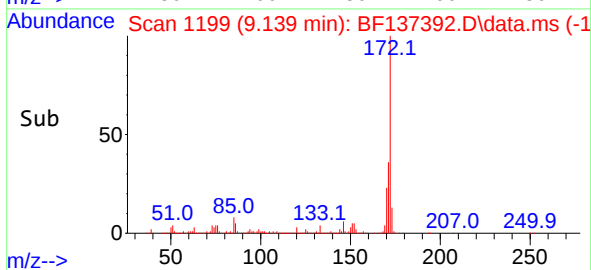
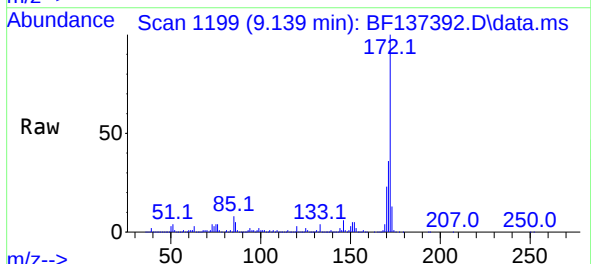
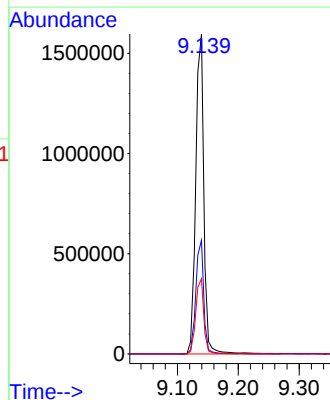
Tgt Ion:172 Resp: 1477473

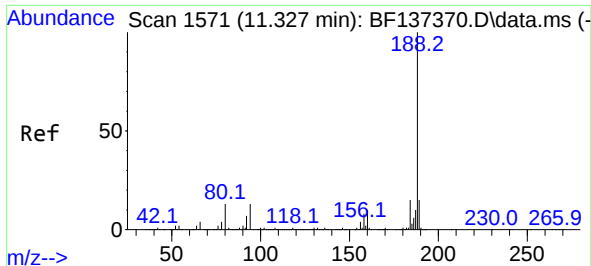
Ion Ratio Lower Upper

172 100

171 35.5 28.7 43.1

170 23.5 19.5 29.3





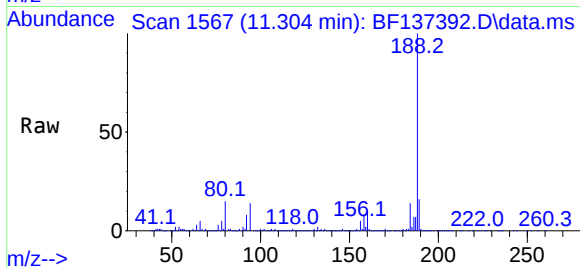
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF137392.D
Acq: 26 Feb 2024 18:33

Instrument :

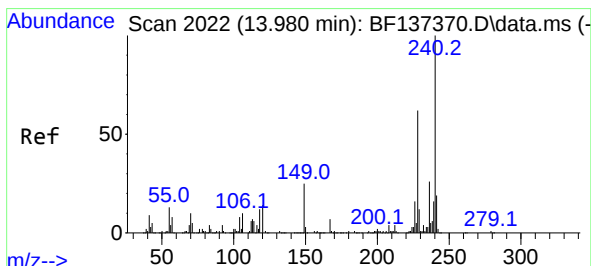
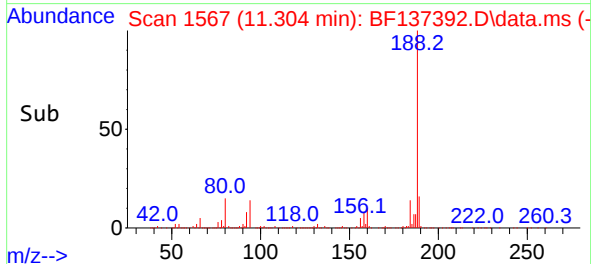
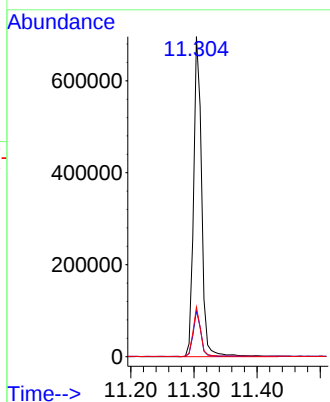
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ClientSampleId :

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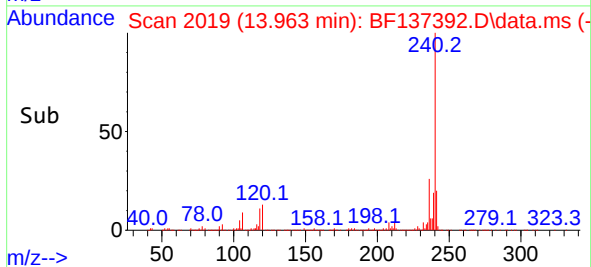
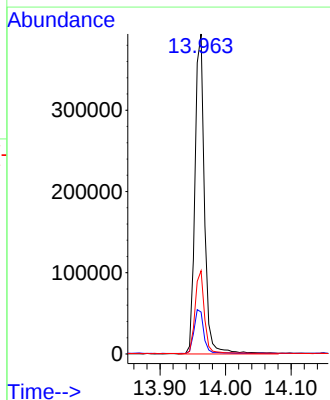
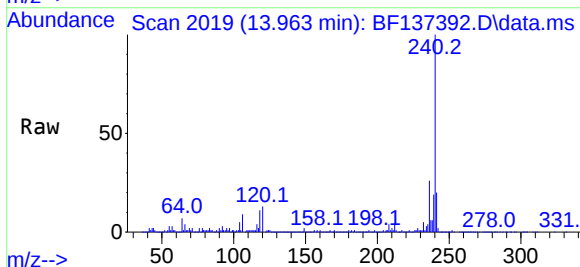


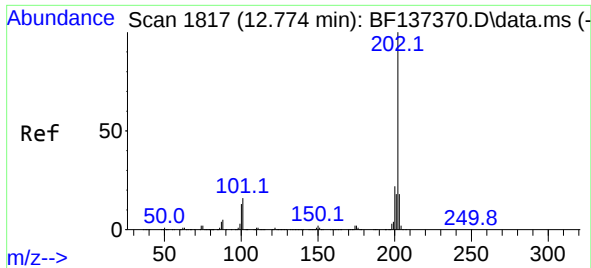
Tgt Ion:188 Resp: 615201
Ion Ratio Lower Upper
188 100
94 14.4 10.2 15.2
80 15.5 10.7 16.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF137392.D
Acq: 26 Feb 2024 18:33

Tgt Ion:240 Resp: 399406
Ion Ratio Lower Upper
240 100
120 13.1 11.3 16.9
236 26.0 20.5 30.7





#78
Pyrene
Concen: 2.021 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.018 min
Lab File: BF137392.D
Acq: 26 Feb 2024 18:33

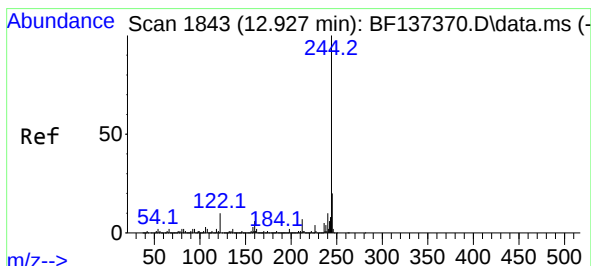
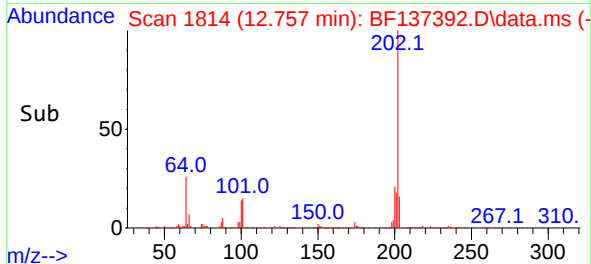
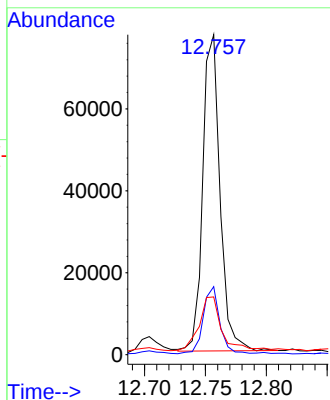
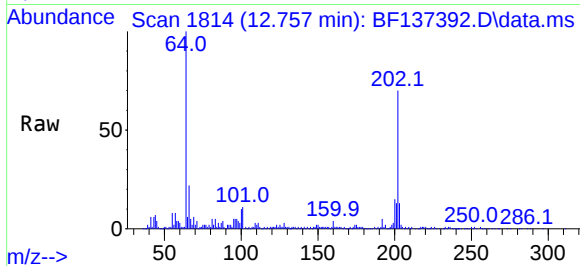
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BNA_F

ClientSampleId :

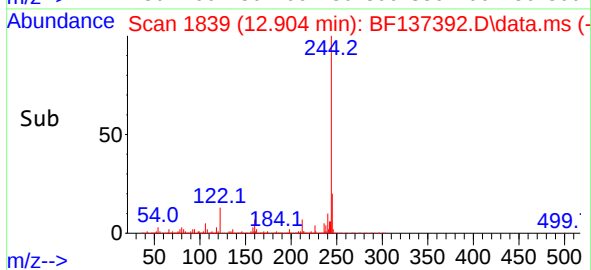
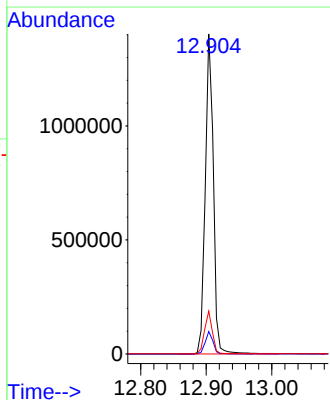
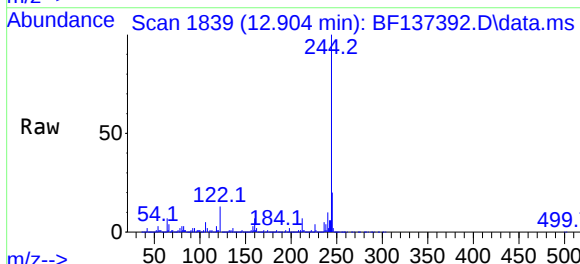
20241104-AMENDED-COMPOSITE-35N-N-4-03

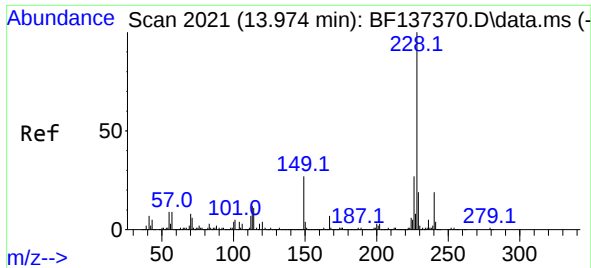
Tgt Ion:202 Resp: 76325
Ion Ratio Lower Upper
202 100
200 21.2 17.4 26.2
203 18.1 14.2 21.2



#79
Terphenyl-d14
Concen: 42.234 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.023 min
Lab File: BF137392.D
Acq: 26 Feb 2024 18:33

Tgt Ion:244 Resp: 1206030
Ion Ratio Lower Upper
244 100
212 7.0 5.3 7.9
122 13.4 8.2 12.4





#84
Bis(2-ethylhexyl)phthalate
Concen: 5.848 ng
RT: 13.957 min Scan# 20
Delta R.T. -0.017 min
Lab File: BF137392.D
Acq: 26 Feb 2024 18:33

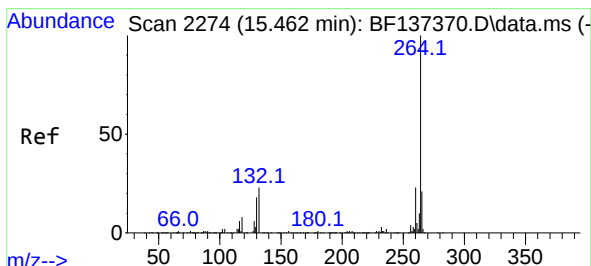
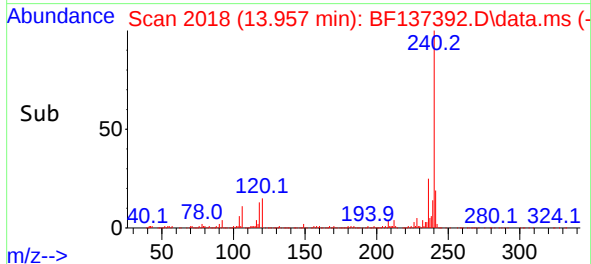
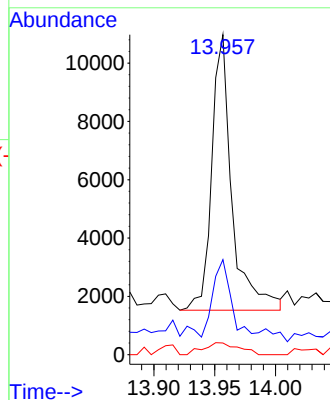
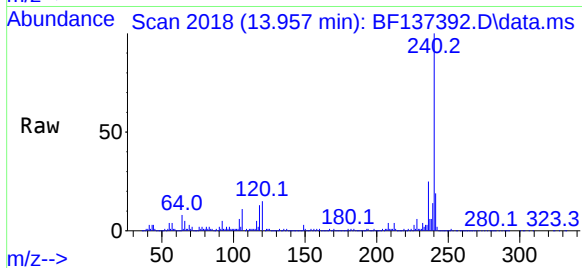
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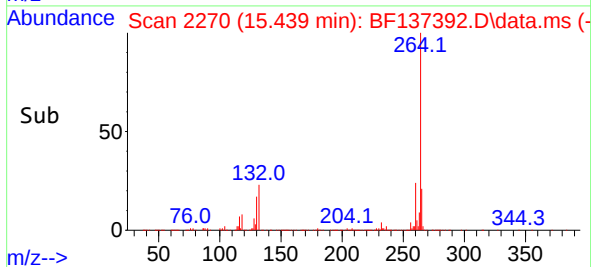
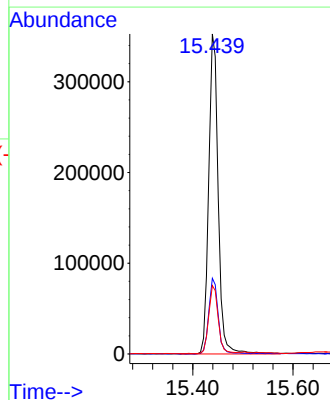
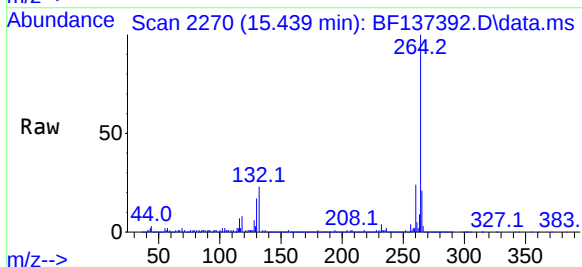
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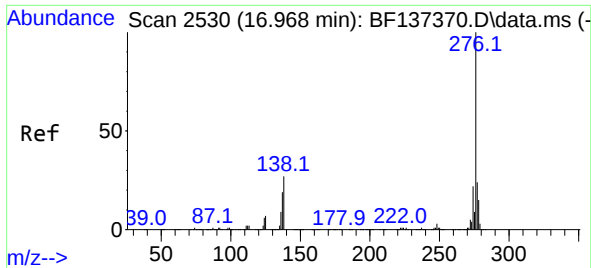
Tgt Ion:149 Resp: 10904
Ion Ratio Lower Upper
149 100
167 29.7 20.6 31.0
279 3.6 2.7 4.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.023 min
Lab File: BF137392.D
Acq: 26 Feb 2024 18:33

Tgt Ion:264 Resp: 465634
Ion Ratio Lower Upper
264 100
260 23.7 18.5 27.7
265 21.3 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 2.330 ng
RT: 16.933 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF137392.D
Acq: 26 Feb 2024 18:33

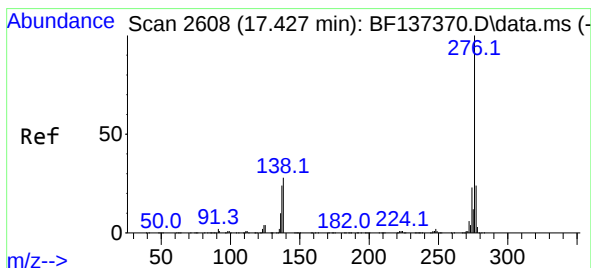
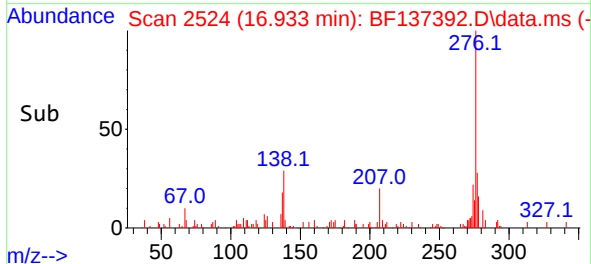
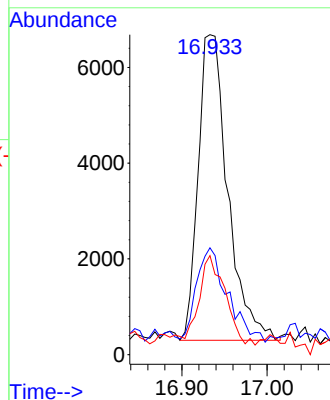
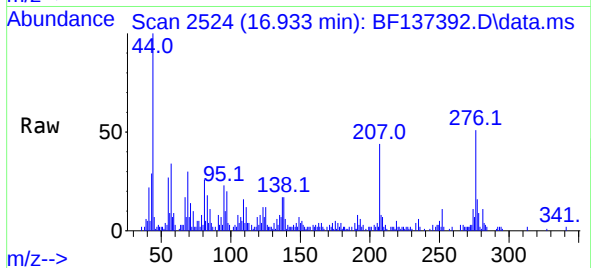
Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:276 Resp: 15395
Ion Ratio Lower Upper
276 100
138 32.6 25.8 38.8
277 25.6 19.6 29.4



#92
Benzo(g,h,i)perylene
Concen: 2.645 ng
RT: 17.380 min Scan# 2600
Delta R.T. -0.047 min
Lab File: BF137392.D
Acq: 26 Feb 2024 18:33

Tgt Ion:276 Resp: 16426
Ion Ratio Lower Upper
276 100
277 26.6 19.0 28.4
138 32.8 22.6 33.8

