

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137410.D
 Acq On : 27 Feb 2024 17:44
 Operator : CG\JU
 Sample : P1539-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20241102-AMENDED-COMPOSITE-35N-N-4-01

Quant Time: Feb 28 05:21:43 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	222256	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	852047	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	442356	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	648411	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	427624	20.000	ng	-0.02
86) Perylene-d12	15.445	264	459244	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	724749	50.316	ng	-0.02
7) Phenol-d6	6.416	99	600070	28.321	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1359998	79.687	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	451886	117.310	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	2204004	77.569	ng	-0.02
79) Terphenyl-d14	12.910	244	2044715	66.879	ng	-0.02

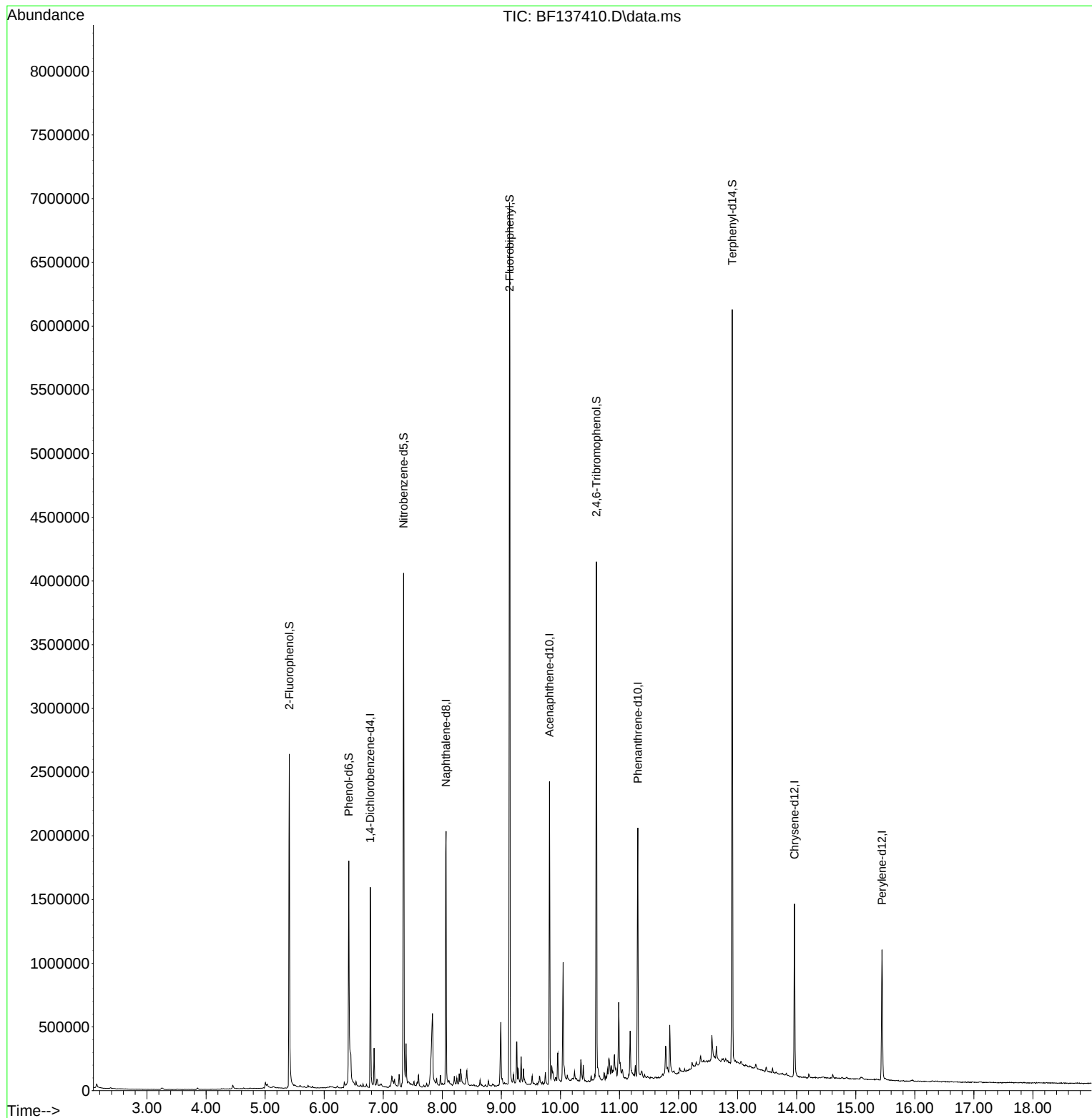
Target Compounds	Qvalue

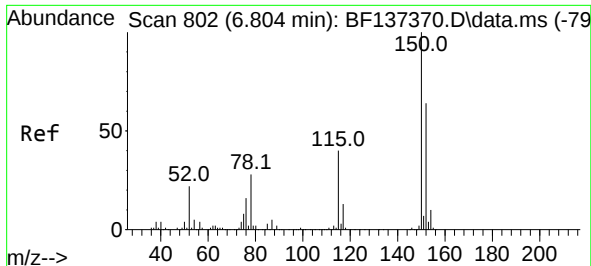
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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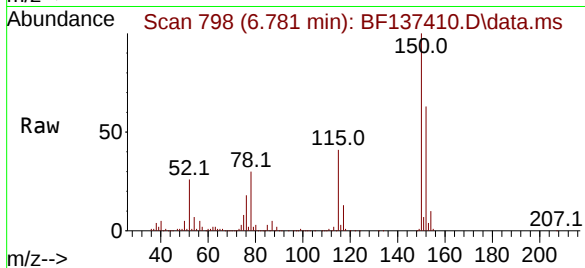
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137410.D
Acq: 27 Feb 2024 17:44

Instrument :

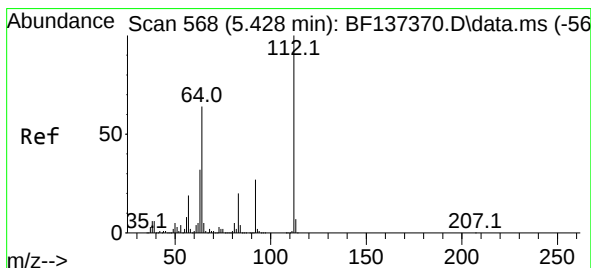
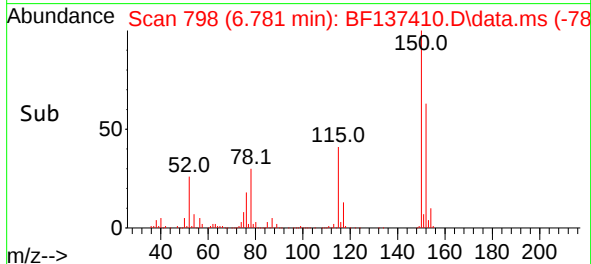
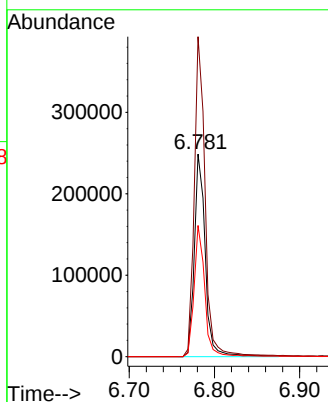
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20241102-AMENDED-COMPOSITE-35N-N-4-01

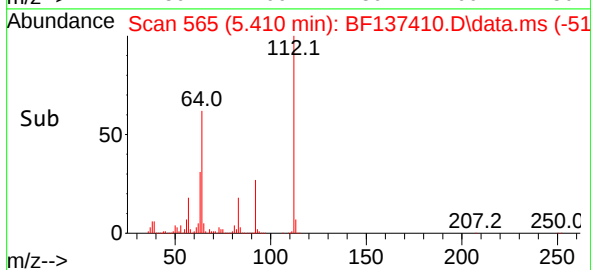
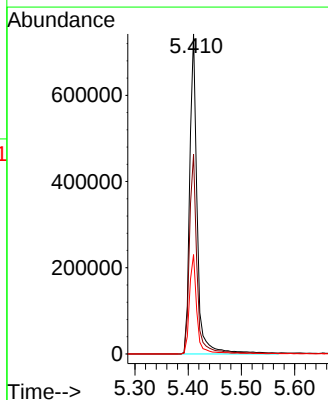
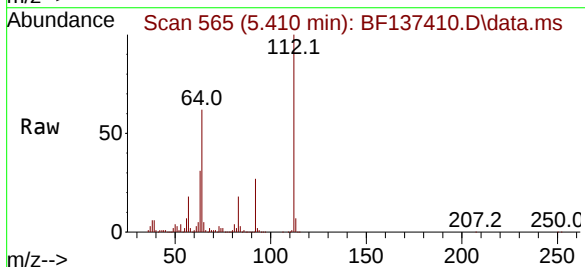


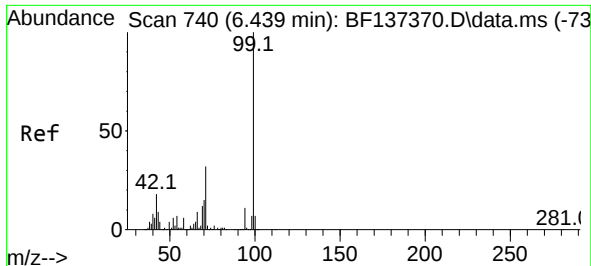
Tgt Ion:152 Resp: 222256
Ion Ratio Lower Upper
152 100
150 157.9 125.7 188.5
115 64.8 49.8 74.8



#5
2-Fluorophenol
Concen: 50.316 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.018 min
Lab File: BF137410.D
Acq: 27 Feb 2024 17:44

Tgt Ion:112 Resp: 724749
Ion Ratio Lower Upper
112 100
64 62.3 51.0 76.6
63 31.1 25.7 38.5





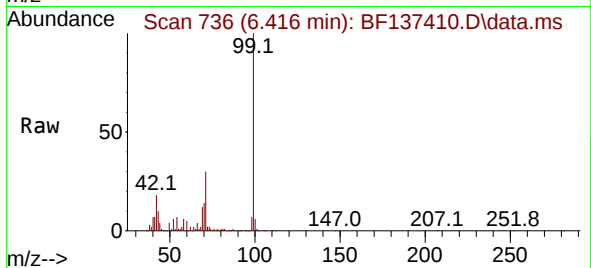
#7
Phenol-d6
Concen: 28.321 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF137410.D
Acq: 27 Feb 2024 17:44

Instrument :

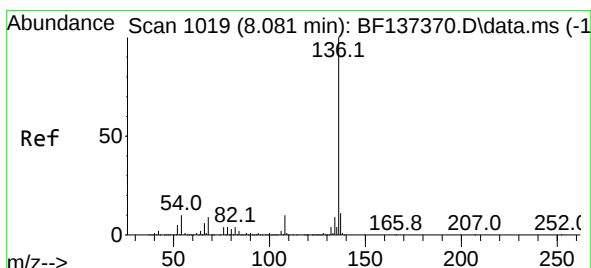
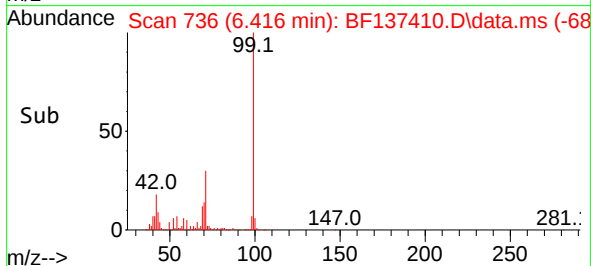
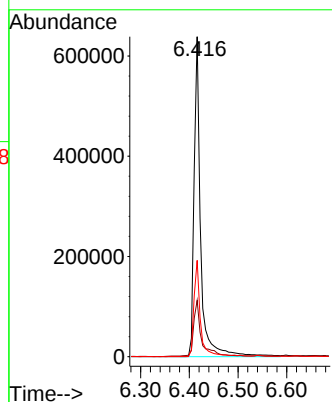
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ClientSampleId :

20241102-AMENDED-COMPOSITE-35N-N-4-01

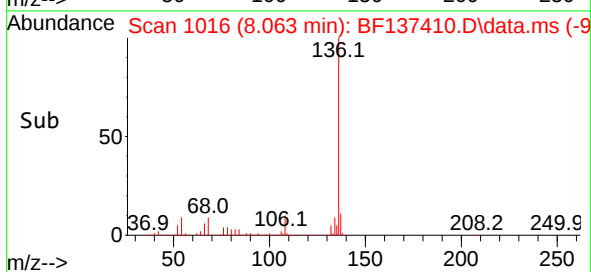
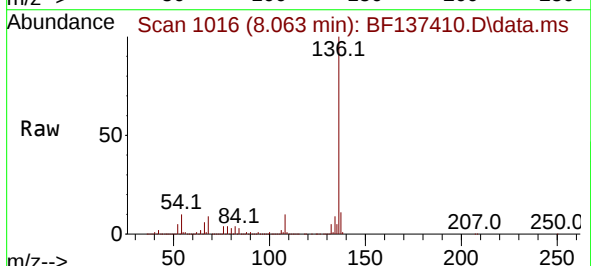
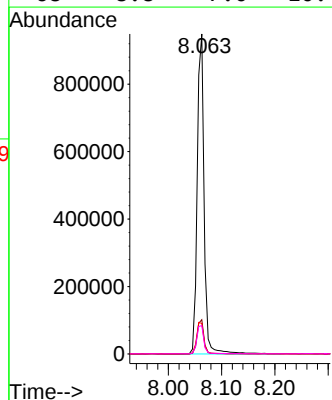


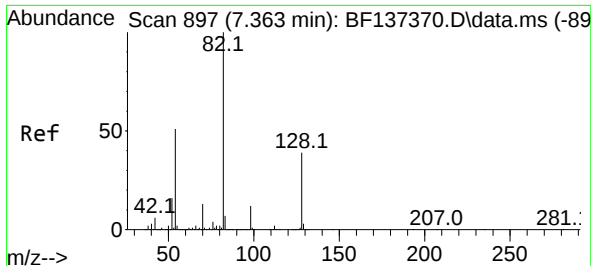
Tgt Ion: 99 Resp: 600070
Ion Ratio Lower Upper
99 100
42 17.6 14.2 21.4
71 30.1 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137410.D
Acq: 27 Feb 2024 17:44

Tgt Ion: 136 Resp: 852047
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 9.6 7.8 11.6
68 8.8 7.0 10.4





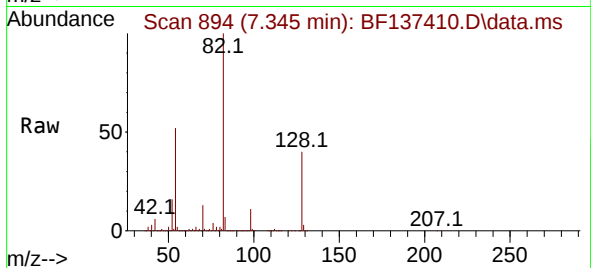
#23
Nitrobenzene-d5
Concen: 79.687 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF137410.D
Acq: 27 Feb 2024 17:44

Instrument :

BNA_F

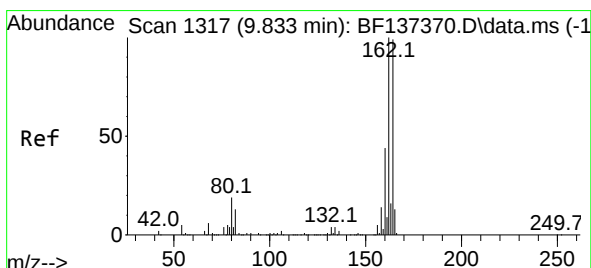
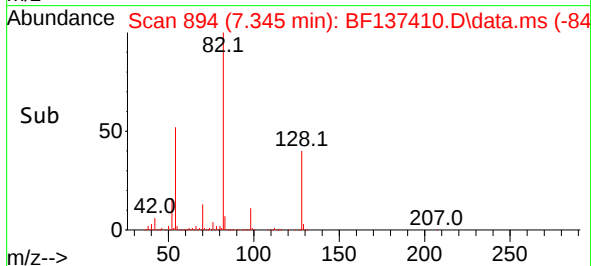
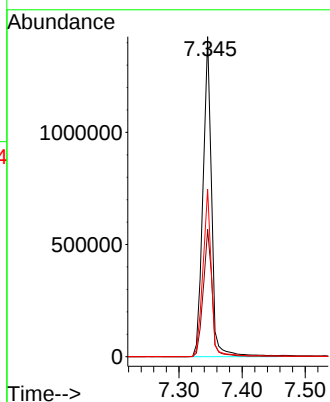
ClientSampleId :

20241102-AMENDED-COMPOSITE-35N-N-4-01



Tgt Ion: 82 Resp: 1359998

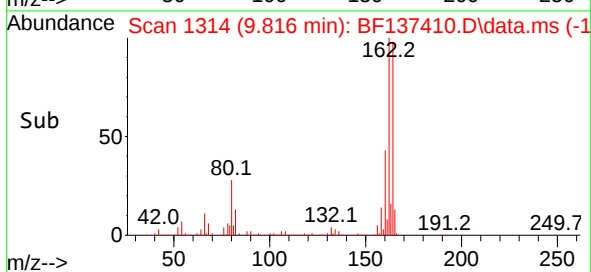
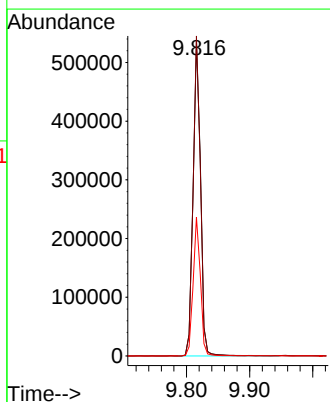
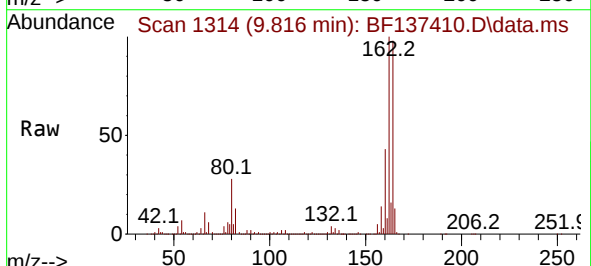
Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.8	46.2
54	52.3	40.8	61.2

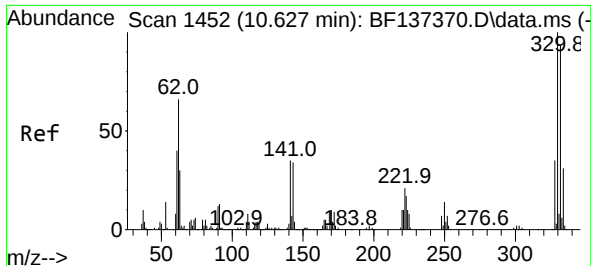


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF137410.D
Acq: 27 Feb 2024 17:44

Tgt Ion:164 Resp: 442356

Ion	Ratio	Lower	Upper
164	100		
162	101.6	81.2	121.8
160	44.1	35.7	53.5





#42
2,4,6-Tribromophenol
Concen: 117.310 ng
RT: 10.610 min Scan# 1452
Delta R.T. -0.018 min
Lab File: BF137410.D
Acq: 27 Feb 2024 17:44

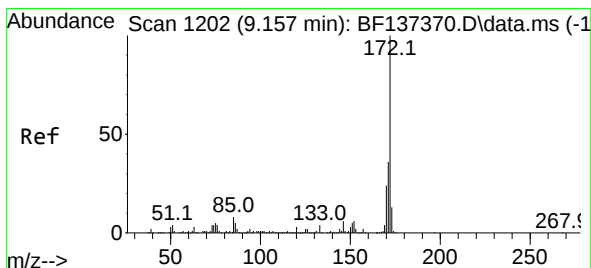
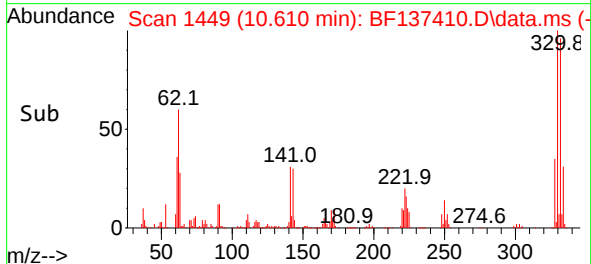
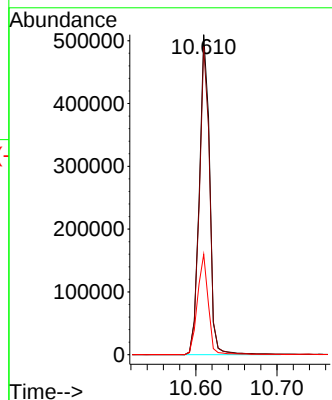
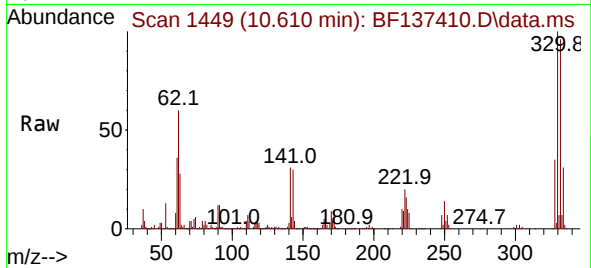
Instrument :

BNA_F

ClientSampleId :

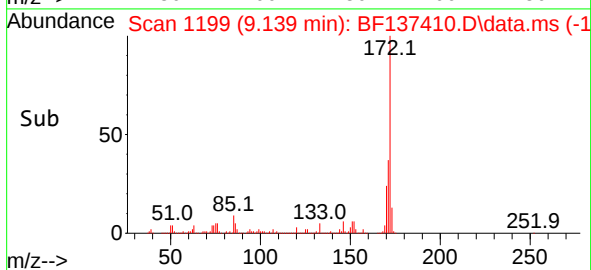
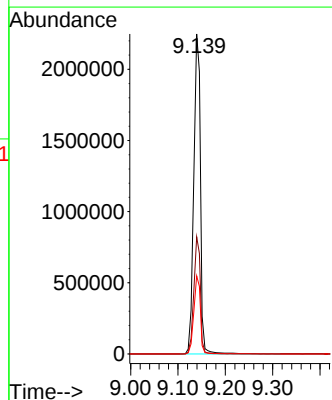
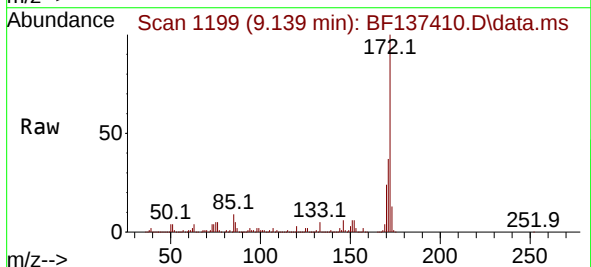
20241102-AMENDED-COMPOSITE-35N-N-4-01

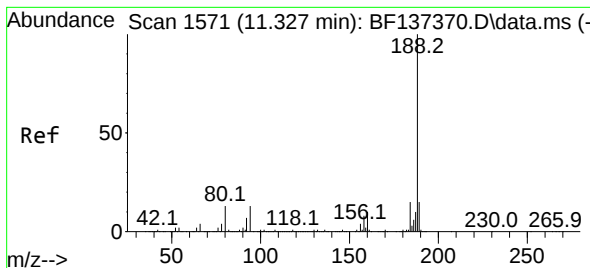
Tgt Ion:330 Resp: 451886
Ion Ratio Lower Upper
330 100
332 96.5 75.6 113.4
141 32.5 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 77.569 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF137410.D
Acq: 27 Feb 2024 17:44

Tgt Ion:172 Resp: 2204004
Ion Ratio Lower Upper
172 100
171 36.6 28.7 43.1
170 24.4 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF137410.D

Acq: 27 Feb 2024 17:44

Instrument :

BNA_F

ClientSampleId :

20241102-AMENDED-COMPOSITE-35N-N-4-01

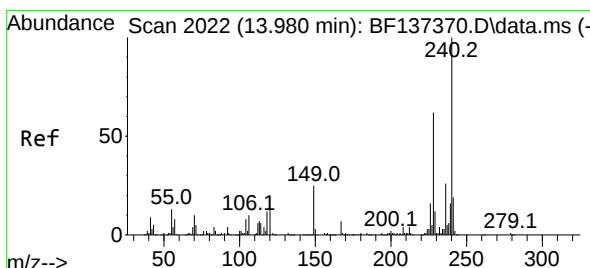
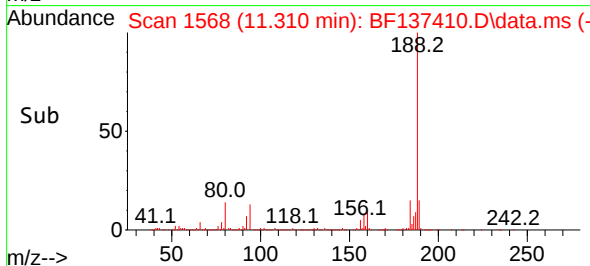
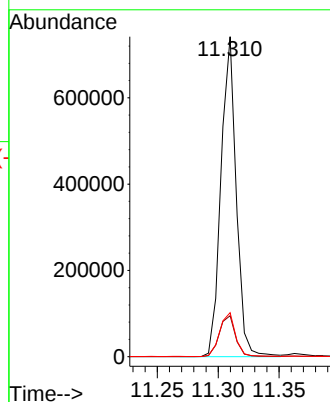
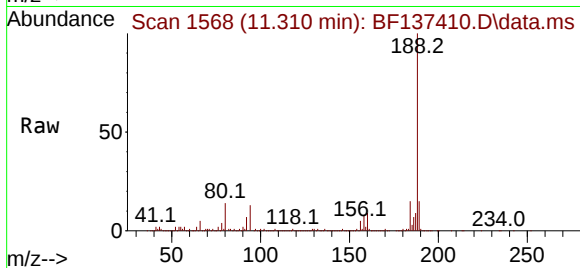
Tgt Ion:188 Resp: 648411

Ion Ratio Lower Upper

188 100

94 12.8 10.2 15.2

80 13.8 10.7 16.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.962 min Scan# 2019

Delta R.T. -0.018 min

Lab File: BF137410.D

Acq: 27 Feb 2024 17:44

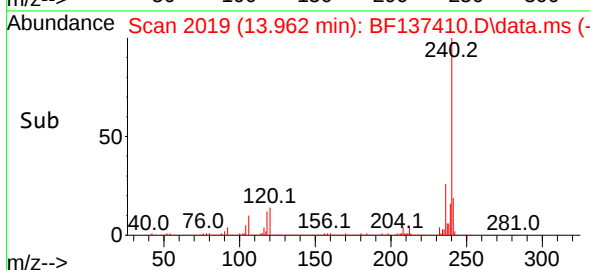
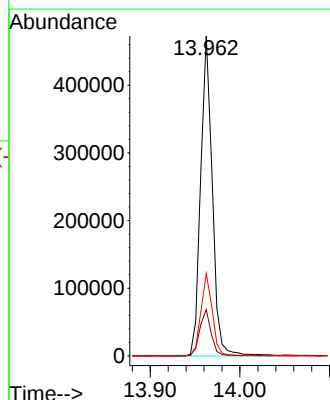
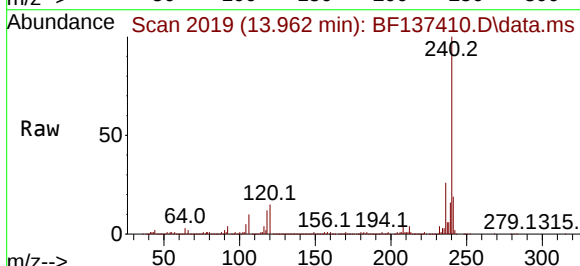
Tgt Ion:240 Resp: 427624

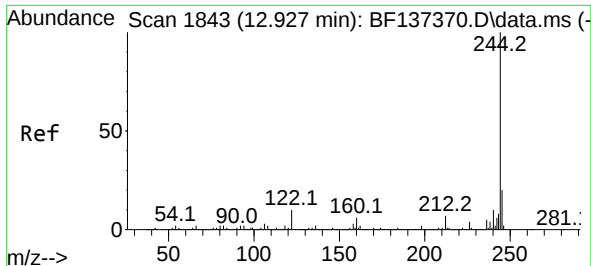
Ion Ratio Lower Upper

240 100

120 14.5 11.3 16.9

236 25.7 20.5 30.7





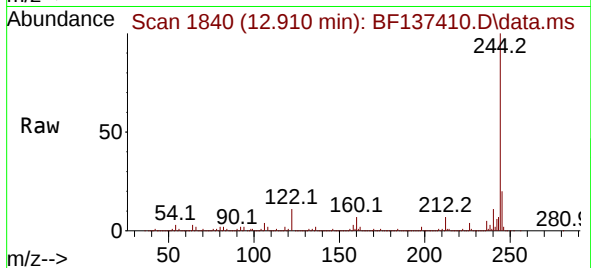
#79
 Terphenyl-d14
 Concen: 66.879 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.018 min
 Lab File: BF137410.D
 Acq: 27 Feb 2024 17:44

Instrument :

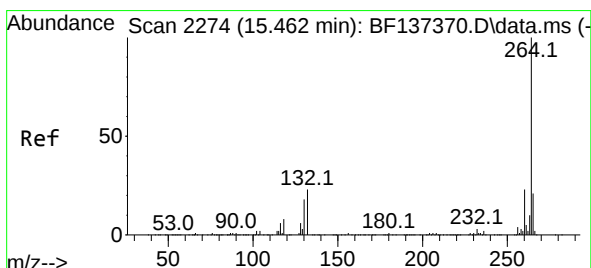
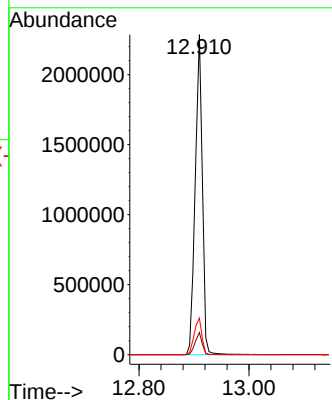
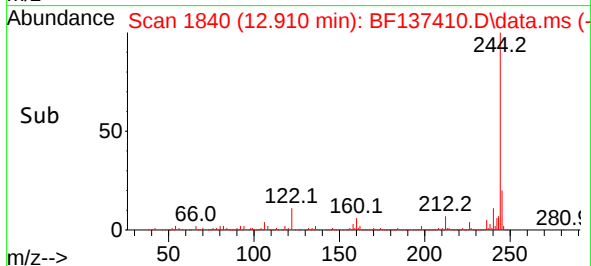
BNA_F

ClientSampleId :

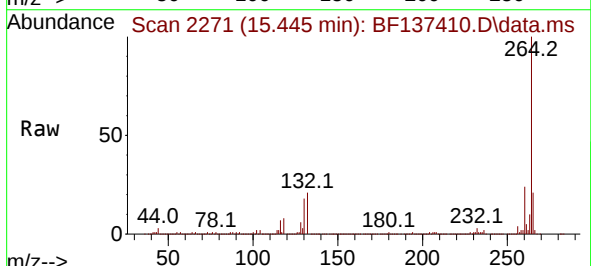
20241102-AMENDED-COMPOSITE-35N-N-4-01



Tgt Ion:244 Resp: 2044715
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.3 7.9
 122 11.4 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.018 min
 Lab File: BF137410.D
 Acq: 27 Feb 2024 17:44



Tgt Ion:264 Resp: 459244
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.5 27.7
 265 21.2 16.9 25.3

