

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137414.D
 Acq On : 27 Feb 2024 19:42
 Operator : CG\JU
 Sample : P1539-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20241106-AMENDED-COMPOSITE-35N-N-4-05

Quant Time: Feb 28 05:23:31 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	226245	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	880823	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	479849	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	729739	20.000	ng	-0.02
76) Chrysene-d12	13.962	240	441076	20.000	ng	-0.02
86) Perylene-d12	15.445	264	457879	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	899894	61.374	ng	-0.01
7) Phenol-d6	6.416	99	784530	36.374	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1493894	84.673	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	511620	122.440	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	2448978	79.456	ng	-0.02
79) Terphenyl-d14	12.910	244	2492652	79.044	ng	-0.02

Target Compounds	Qvalue

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

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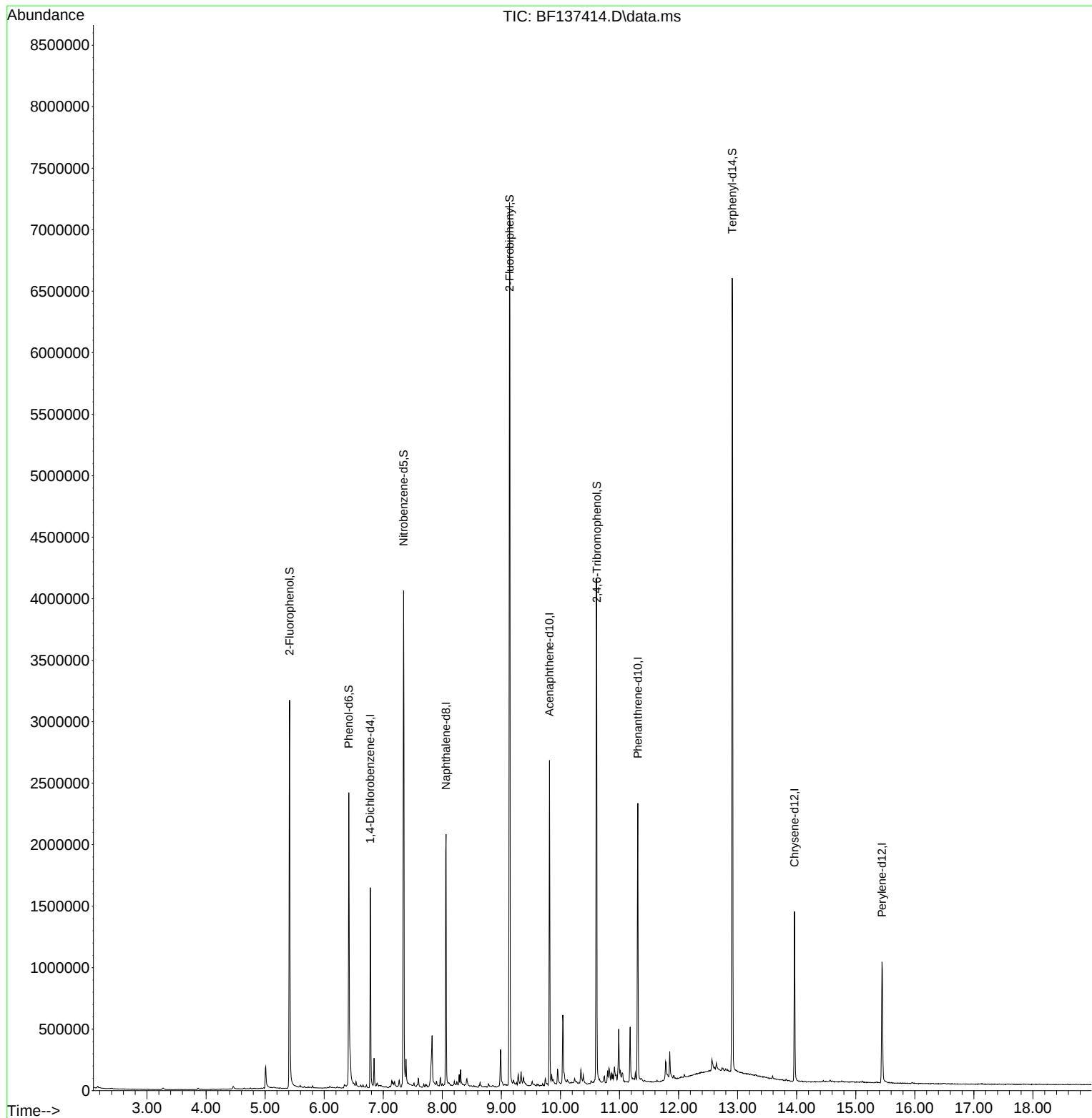
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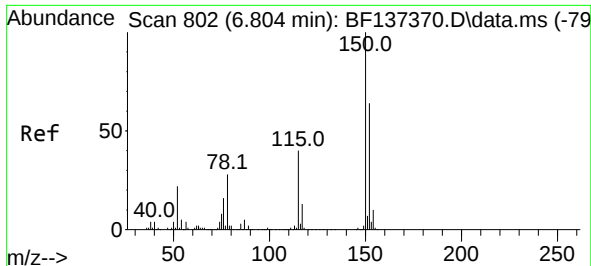
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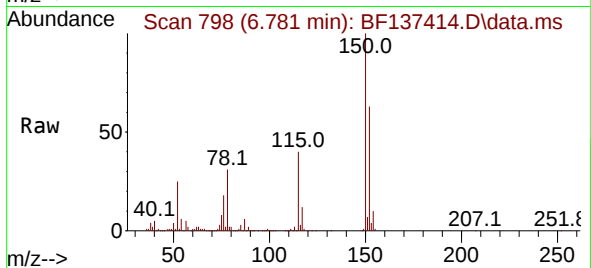
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.023 min
Lab File: BF137414.D
Acq: 27 Feb 2024 19:42

Instrument :

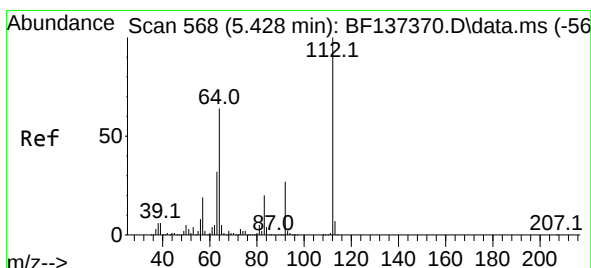
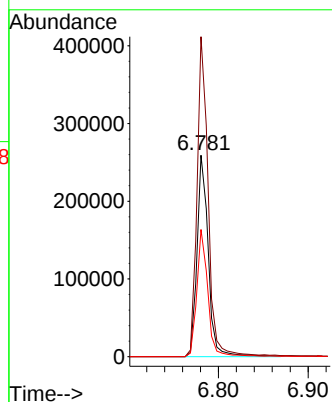
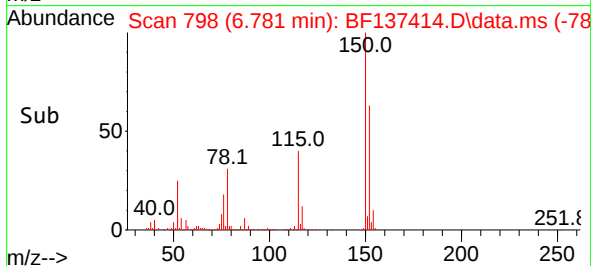
BNA_F

ClientSampleId :

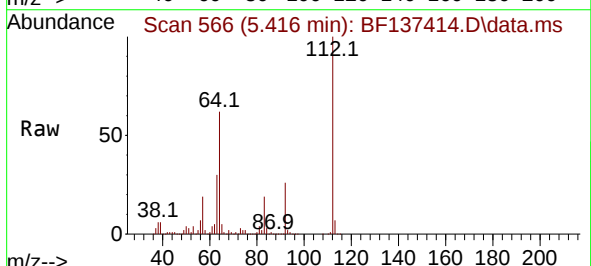
20241106-AMENDED-COMPOSITE-35N-N-4-05



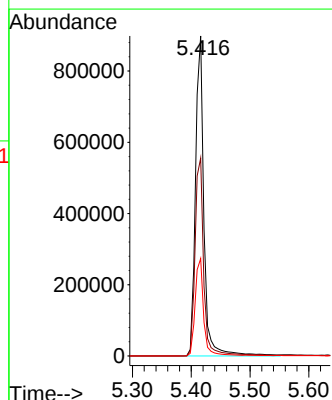
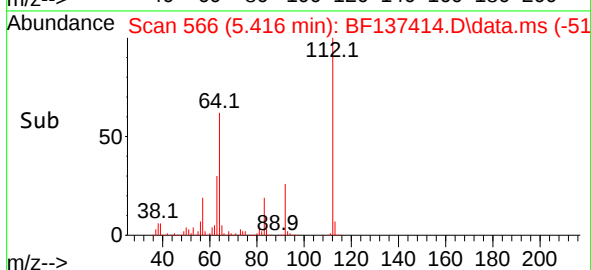
Tgt Ion:152 Resp: 226245
Ion Ratio Lower Upper
152 100
150 158.8 125.7 188.5
115 63.1 49.8 74.8

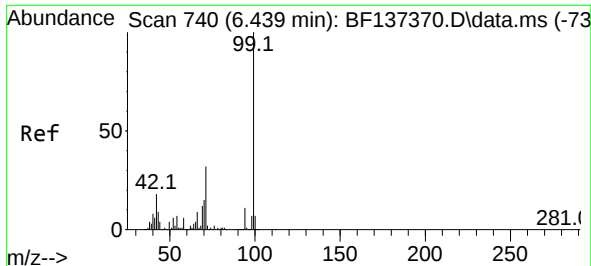


#5
2-Fluorophenol
Concen: 61.374 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF137414.D
Acq: 27 Feb 2024 19:42



Tgt Ion:112 Resp: 899894
Ion Ratio Lower Upper
112 100
64 61.8 51.0 76.6
63 30.4 25.7 38.5

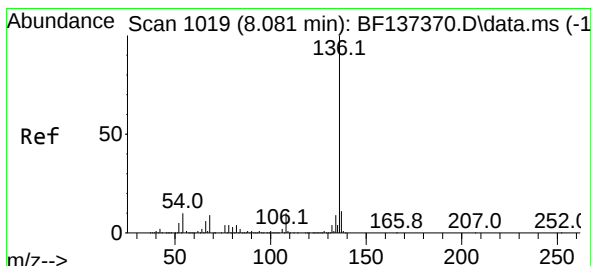
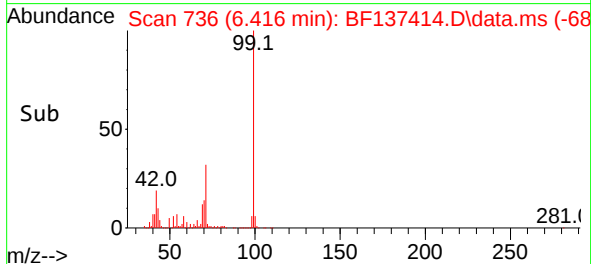
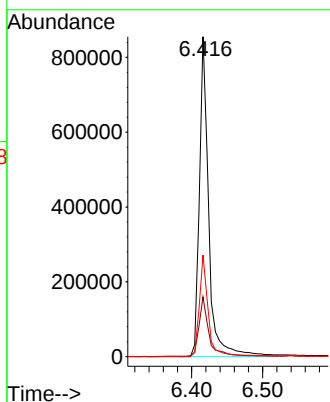
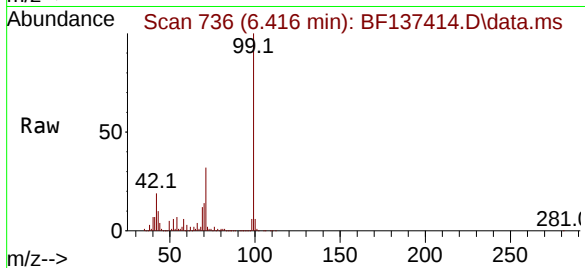




#7
Phenol-d6
Concen: 36.374 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF137414.D
Acq: 27 Feb 2024 19:42

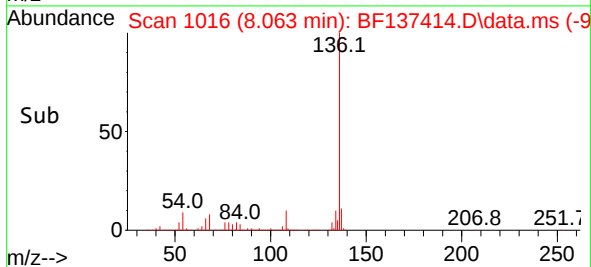
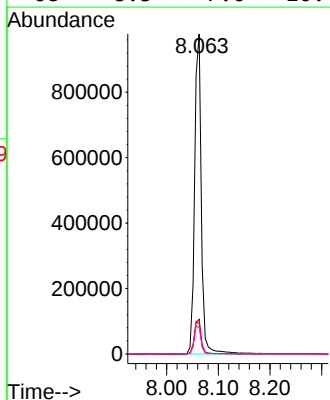
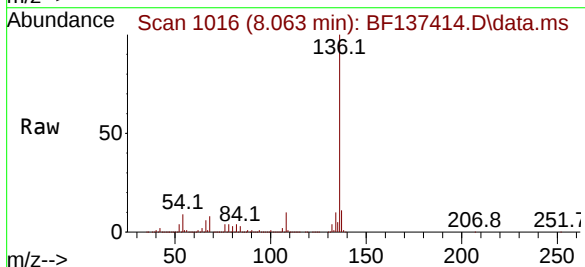
Instrument :
BNA_F
ClientSampleId :
20241106-AMENDED-COMPOSITE-35N-N-4-05

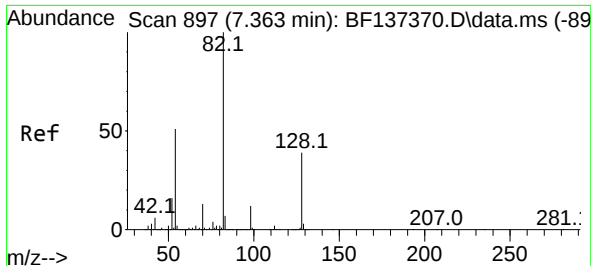
Tgt Ion: 99 Resp: 784530
Ion Ratio Lower Upper
99 100
42 18.7 14.2 21.4
71 31.7 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137414.D
Acq: 27 Feb 2024 19:42

Tgt Ion:136 Resp: 880823
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 9.5 7.8 11.6
68 8.3 7.0 10.4





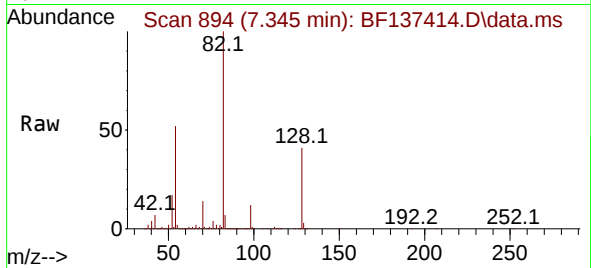
#23
 Nitrobenzene-d5
 Concen: 84.673 ng
 RT: 7.345 min Scan# 89
 Delta R.T. -0.018 min
 Lab File: BF137414.D
 Acq: 27 Feb 2024 19:42

Instrument :

BNA_F

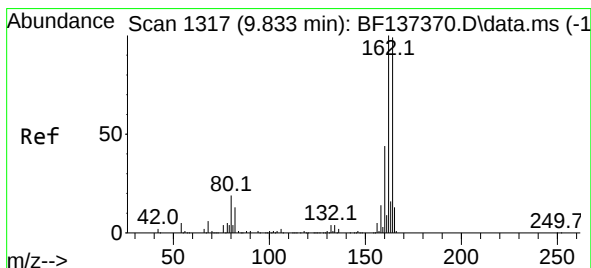
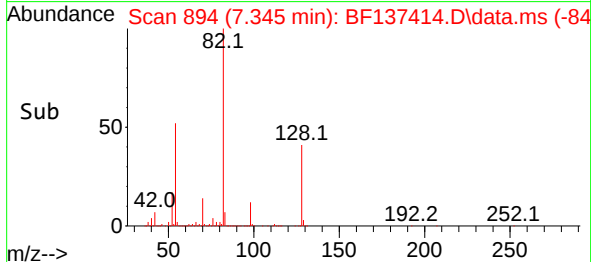
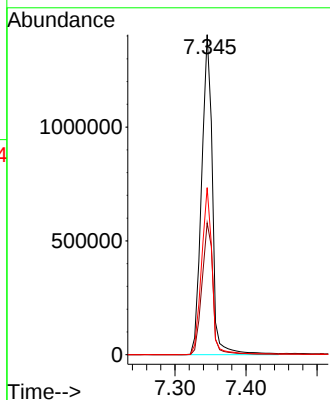
ClientSampleId :

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Tgt Ion: 82 Resp: 1493894

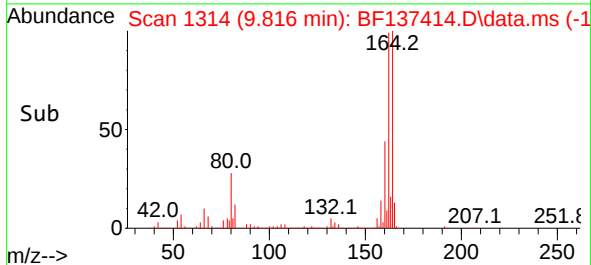
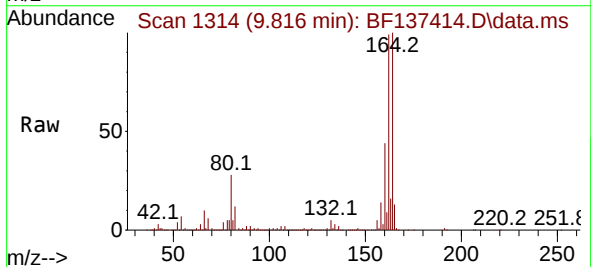
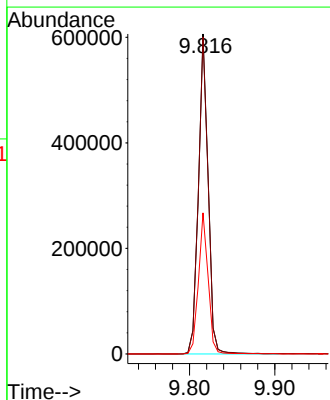
Ion	Ratio	Lower	Upper
82	100		
128	41.2	30.8	46.2
54	52.2	40.8	61.2

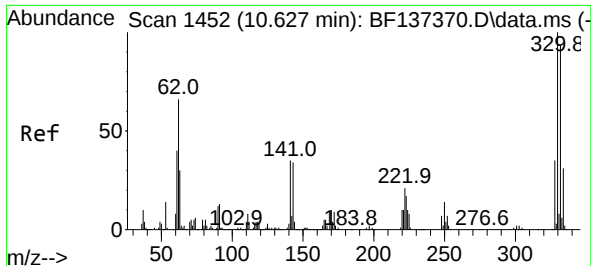


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1314
 Delta R.T. -0.018 min
 Lab File: BF137414.D
 Acq: 27 Feb 2024 19:42

Tgt Ion:164 Resp: 479849

Ion	Ratio	Lower	Upper
164	100		
162	99.1	81.2	121.8
160	44.1	35.7	53.5





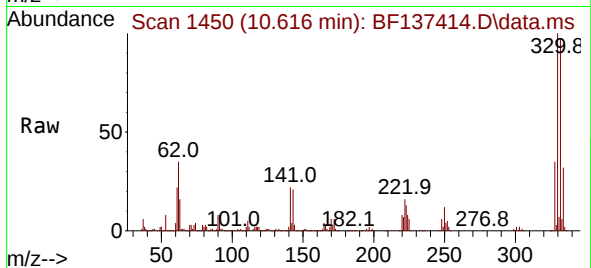
#42
2,4,6-Tribromophenol
Concen: 122.440 ng
RT: 10.616 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF137414.D
Acq: 27 Feb 2024 19:42

Instrument :

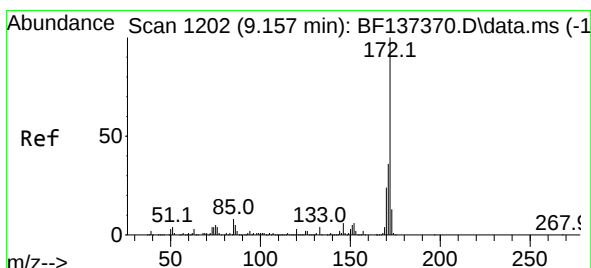
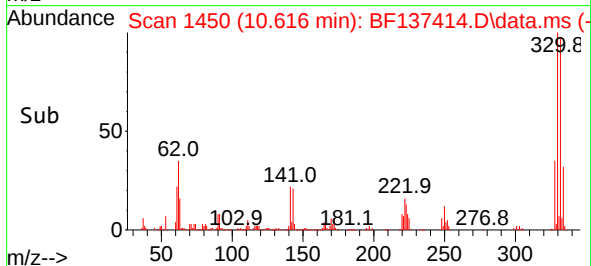
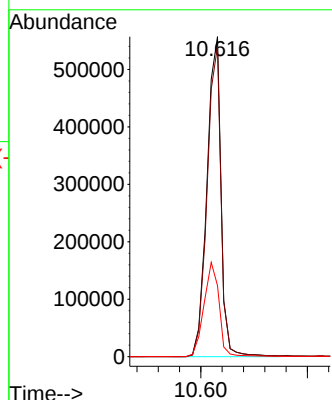
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ClientSampleId :

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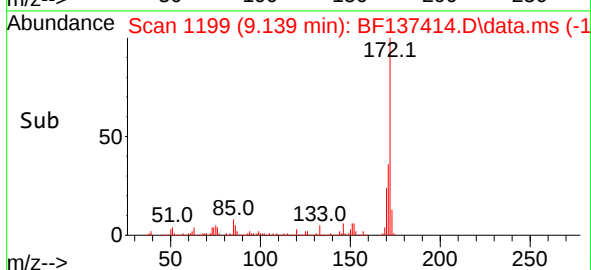
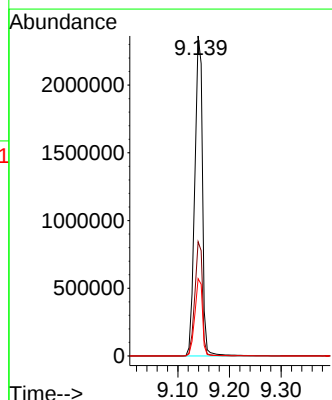
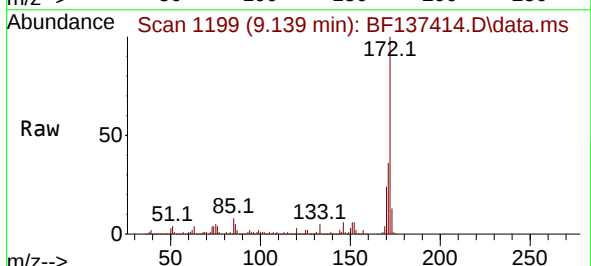


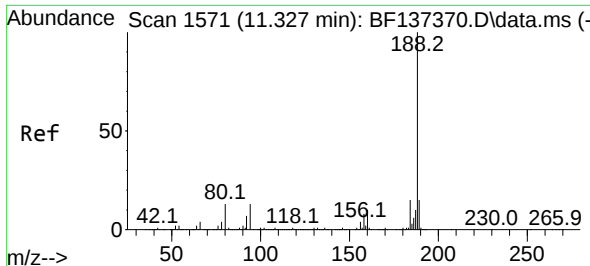
Tgt Ion:330 Resp: 511620
Ion Ratio Lower Upper
330 100
332 96.6 75.6 113.4
141 31.9 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 79.456 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.018 min
Lab File: BF137414.D
Acq: 27 Feb 2024 19:42

Tgt Ion:172 Resp: 2448978
Ion Ratio Lower Upper
172 100
171 35.7 28.7 43.1
170 24.2 19.5 29.3





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137414.D
Acq: 27 Feb 2024 19:42

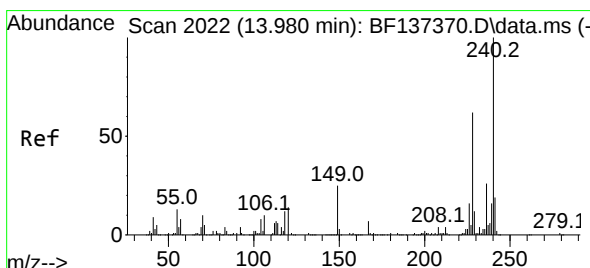
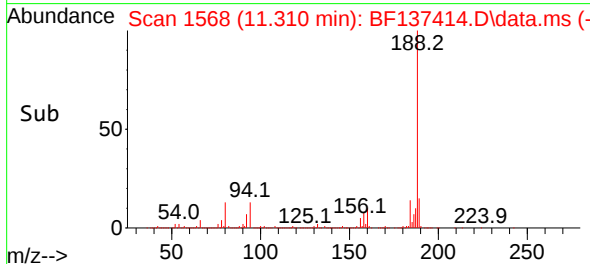
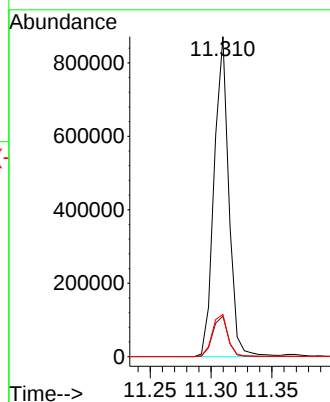
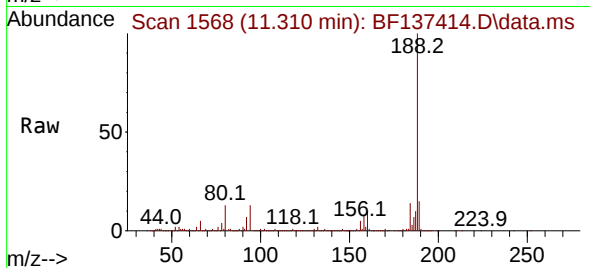
Instrument :

BNA_F

ClientSampleId :

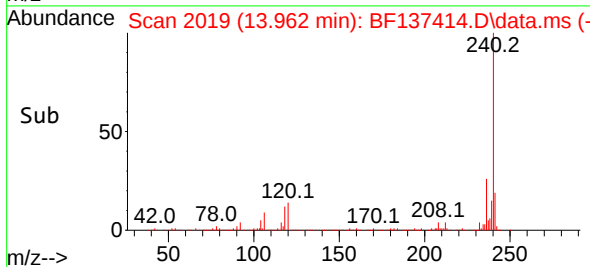
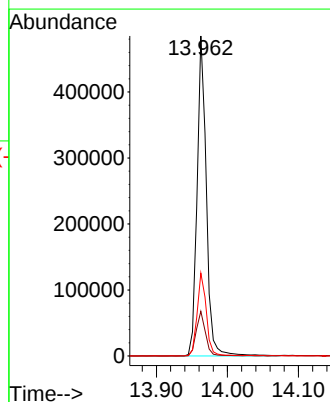
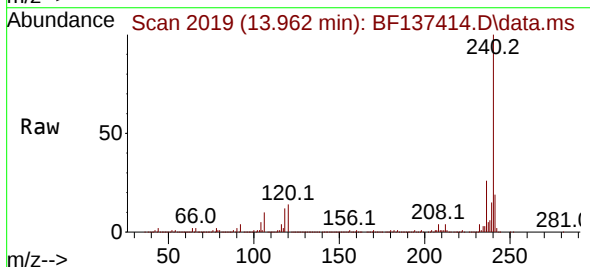
20241106-AMENDED-COMPOSITE-35N-N-4-05

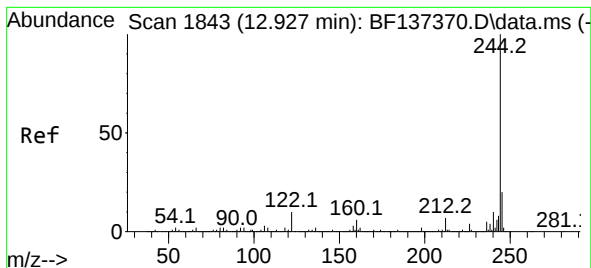
Tgt Ion:188 Resp: 729739
Ion Ratio Lower Upper
188 100
94 12.7 10.2 15.2
80 13.2 10.7 16.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF137414.D
Acq: 27 Feb 2024 19:42

Tgt Ion:240 Resp: 441076
Ion Ratio Lower Upper
240 100
120 14.0 11.3 16.9
236 25.9 20.5 30.7





#79

Terphenyl-d14

Concen: 79.044 ng

RT: 12.910 min Scan# 1840

Delta R.T. -0.018 min

Lab File: BF137414.D

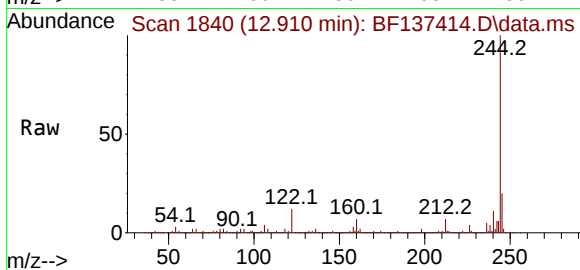
Acq: 27 Feb 2024 19:42

Instrument :

BNA_F

ClientSampleId :

20241106-AMENDED-COMPOSITE-35N-N-4-05



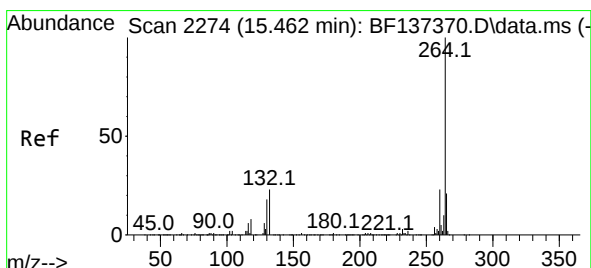
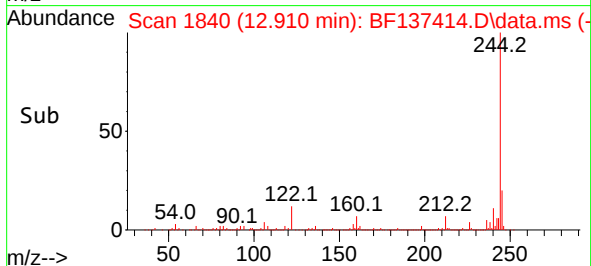
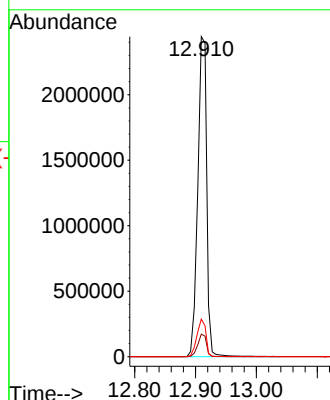
Tgt Ion:244 Resp: 2492652

Ion Ratio Lower Upper

244 100

212 7.1 5.3 7.9

122 11.7 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: BF137414.D

Acq: 27 Feb 2024 19:42

Tgt Ion:264 Resp: 457879

Ion Ratio Lower Upper

264 100

260 24.1 18.5 27.7

265 21.7 16.9 25.3

