

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137411.D
 Acq On : 27 Feb 2024 18:14
 Operator : CG\JU
 Sample : P1539-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20241103-AMENDED-COMPOSITE-35N-N-4-02

Quant Time: Feb 28 05:22:09 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	231316	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	897020	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	482629	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	701964	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	438222	20.000	ng	-0.02
86) Perylene-d12	15.445	264	474133	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	717020	47.830	ng	-0.02
7) Phenol-d6	6.416	99	594081	26.940	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1439827	80.135	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	494765	117.724	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	2346890	75.705	ng	-0.02
79) Terphenyl-d14	12.910	244	2097694	66.953	ng	-0.02

Target Compounds	Qvalue

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

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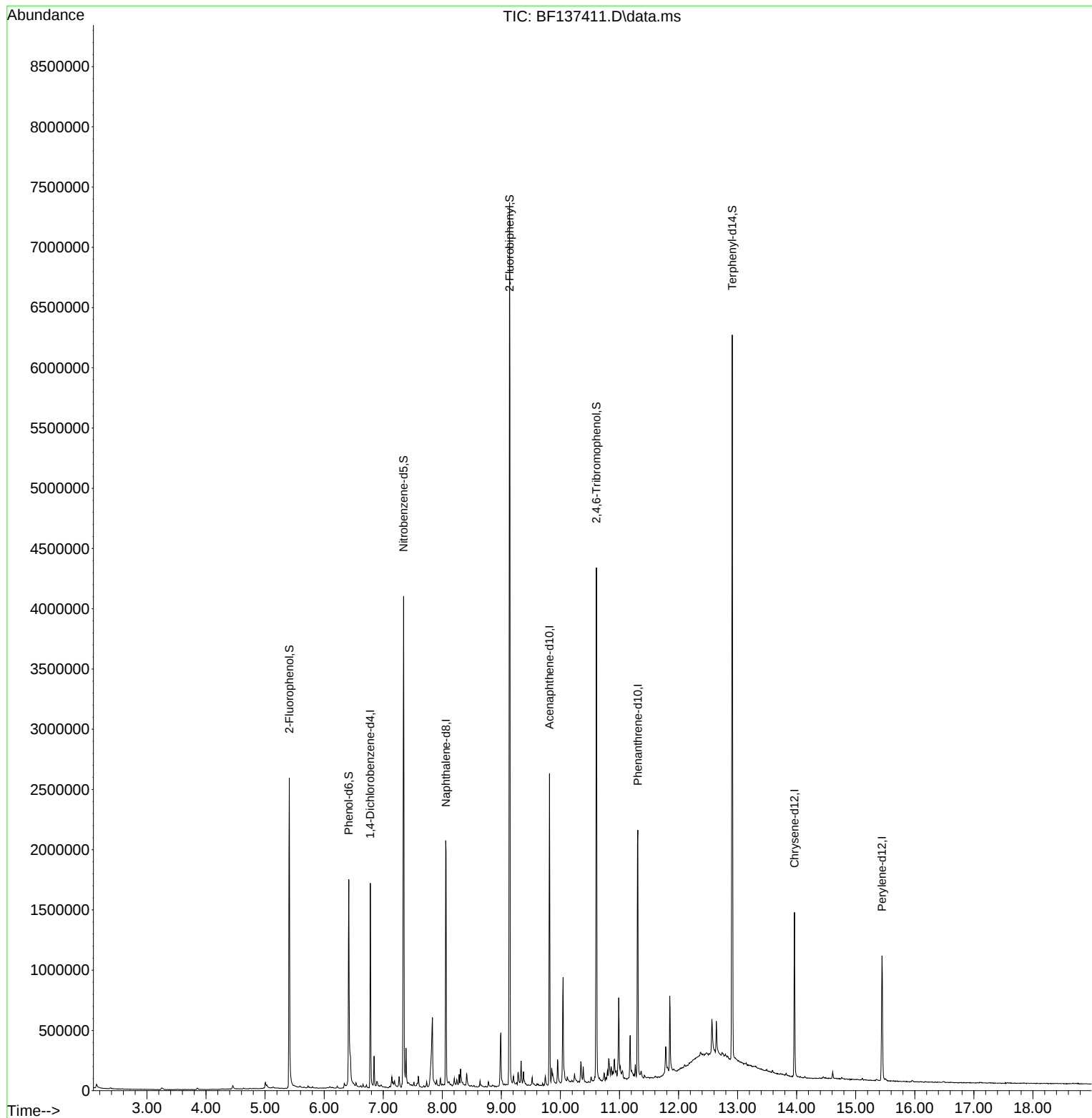
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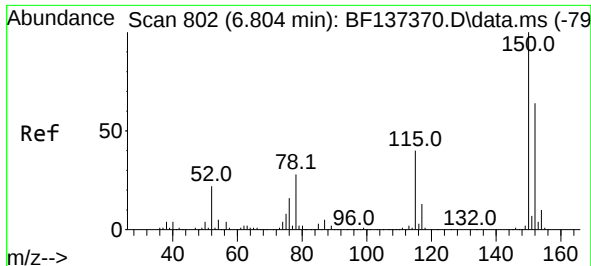
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ClientSampleId :

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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: BF137411.D
Acq: 27 Feb 2024 18:14

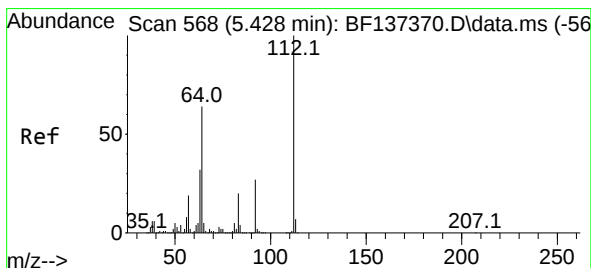
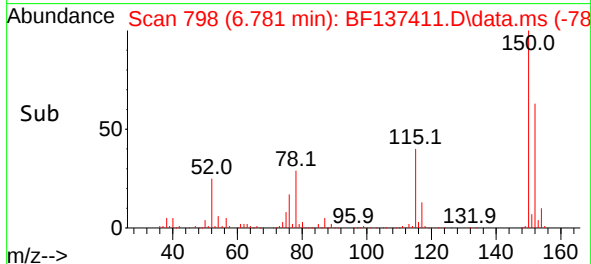
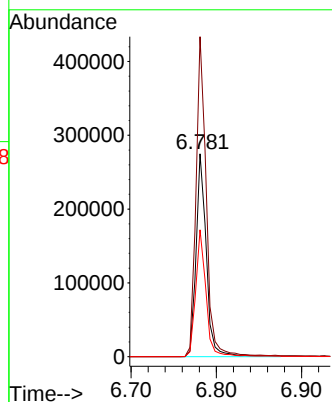
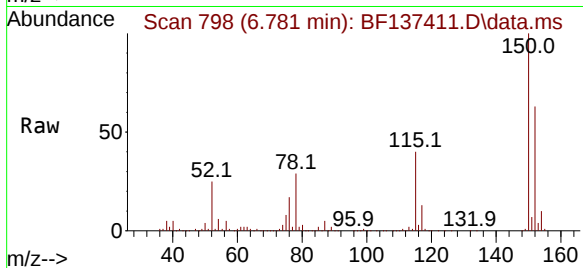
Instrument :

BNA_F

ClientSampleId :

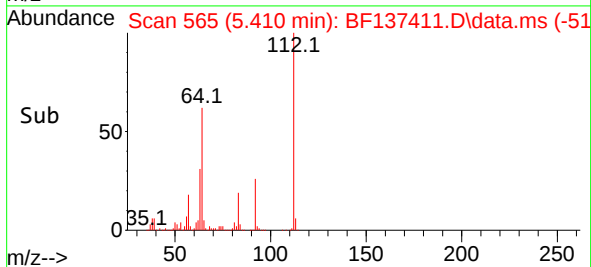
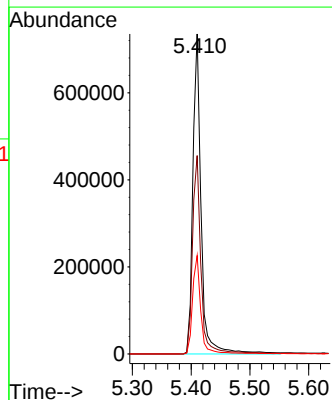
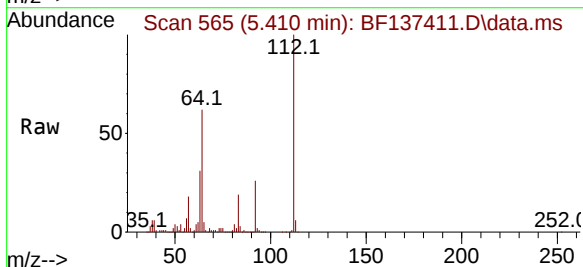
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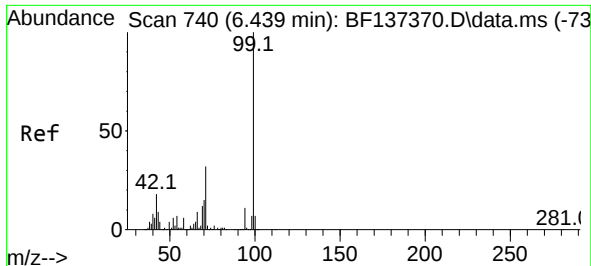
Tgt Ion:152 Resp: 231316
Ion Ratio Lower Upper
152 100
150 157.7 125.7 188.5
115 62.5 49.8 74.8



#5
2-Fluorophenol
Concen: 47.830 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.018 min
Lab File: BF137411.D
Acq: 27 Feb 2024 18:14

Tgt Ion:112 Resp: 717020
Ion Ratio Lower Upper
112 100
64 62.0 51.0 76.6
63 30.7 25.7 38.5





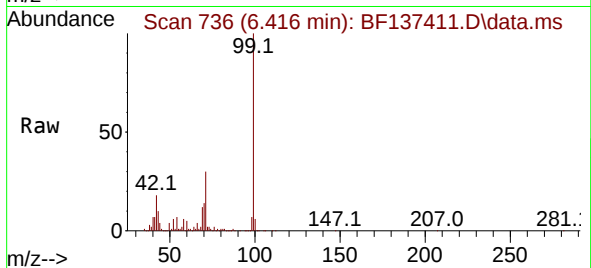
#7
Phenol-d6
Concen: 26.940 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF137411.D
Acq: 27 Feb 2024 18:14

Instrument :

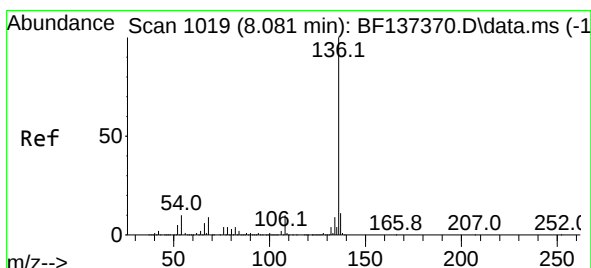
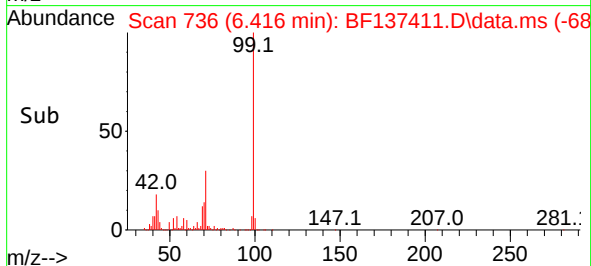
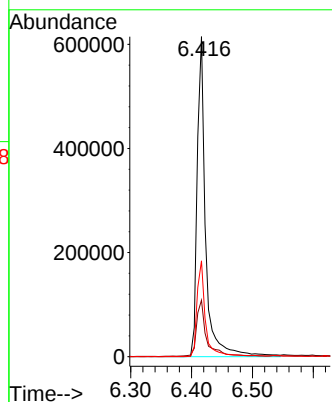
BNA_F

ClientSampleId :

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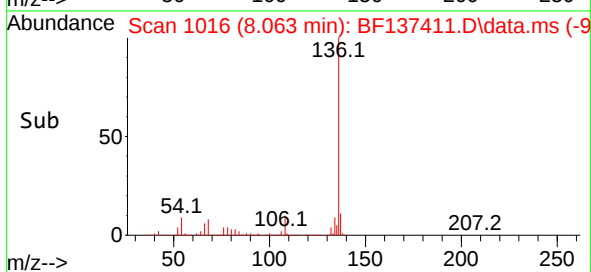
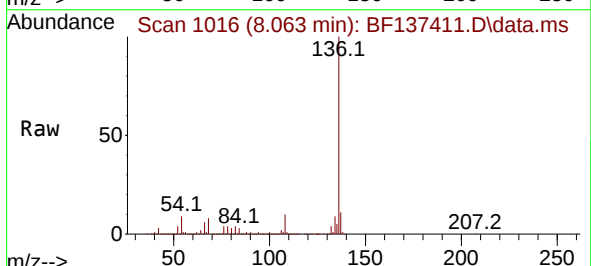
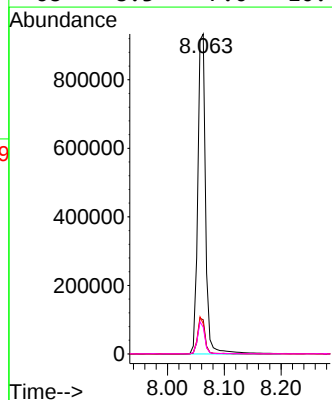


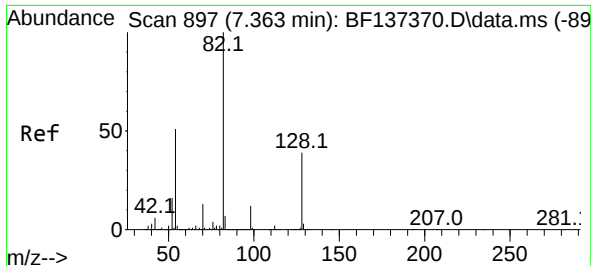
Tgt Ion: 99 Resp: 594081
Ion Ratio Lower Upper
99 100
42 17.6 14.2 21.4
71 30.0 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137411.D
Acq: 27 Feb 2024 18:14

Tgt Ion: 136 Resp: 897020
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 9.4 7.8 11.6
68 8.3 7.0 10.4





#23

Nitrobenzene-d5

Concen: 80.135 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF137411.D

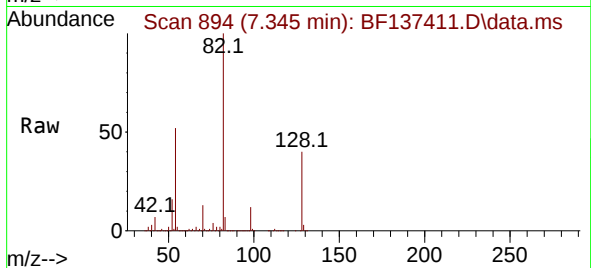
Acq: 27 Feb 2024 18:14

Instrument :

BNA_F

ClientSampleId :

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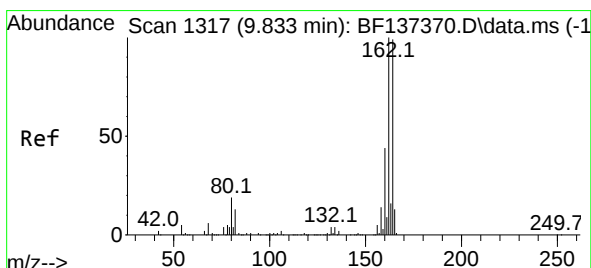
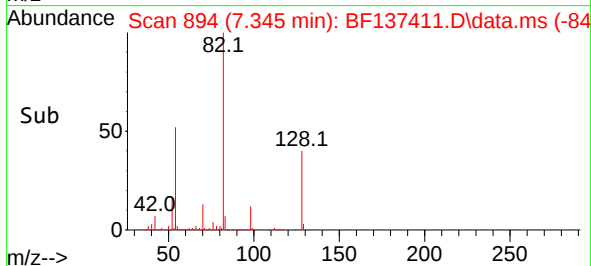
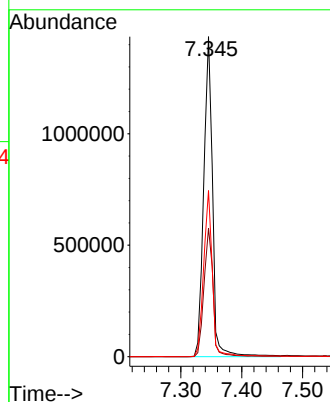
Tgt Ion: 82 Resp: 1439827

Ion Ratio Lower Upper

82 100

128 40.2 30.8 46.2

54 51.9 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: BF137411.D

Acq: 27 Feb 2024 18:14

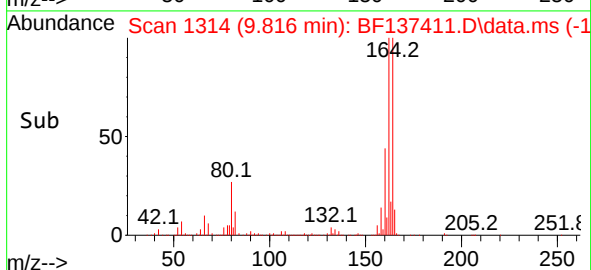
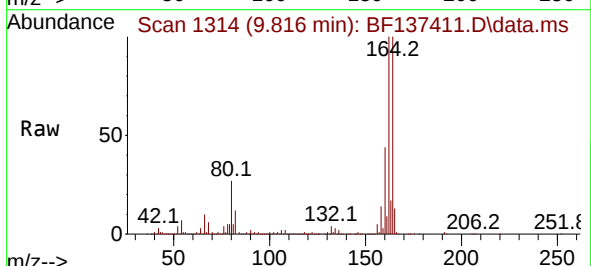
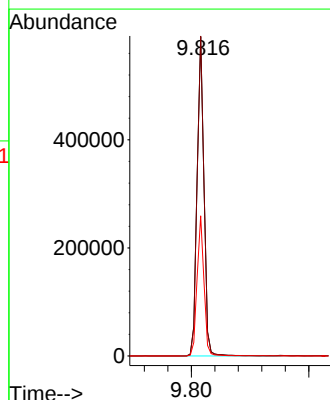
Tgt Ion:164 Resp: 482629

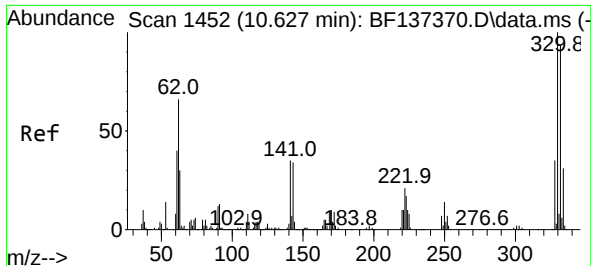
Ion Ratio Lower Upper

164 100

162 100.2 81.2 121.8

160 43.9 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 117.724 ng

RT: 10.610 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BF137411.D

Acq: 27 Feb 2024 18:14

Instrument :

BNA_F

ClientSampleId :

20241103-AMENDED-COMPOSITE-35N-N-4-02

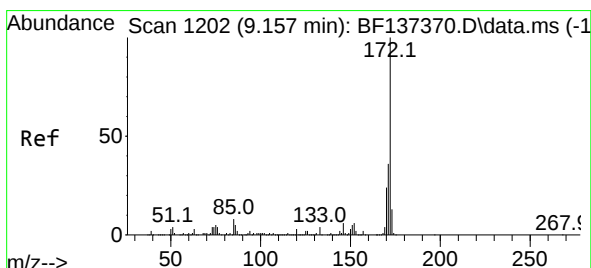
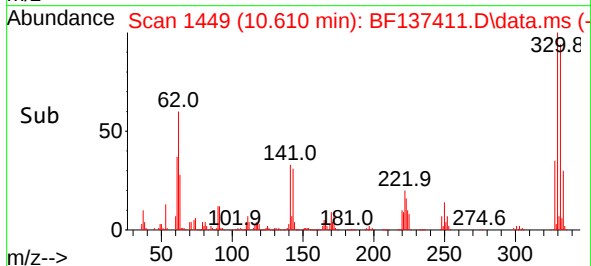
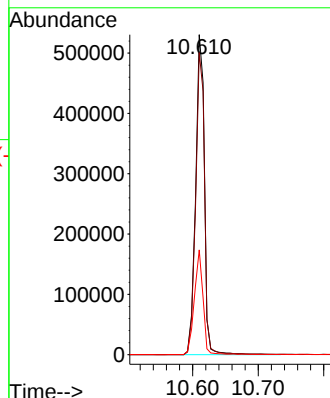
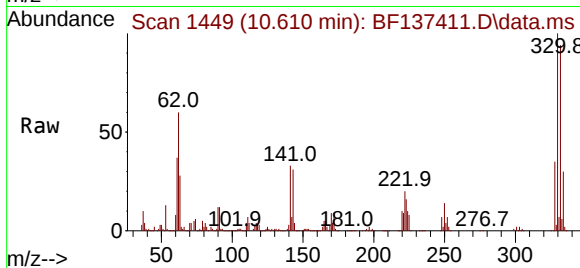
Tgt Ion:330 Resp: 494765

Ion Ratio Lower Upper

330 100

332 95.1 75.6 113.4

141 32.2 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 75.705 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF137411.D

Acq: 27 Feb 2024 18:14

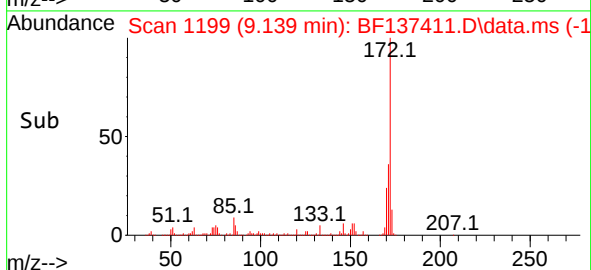
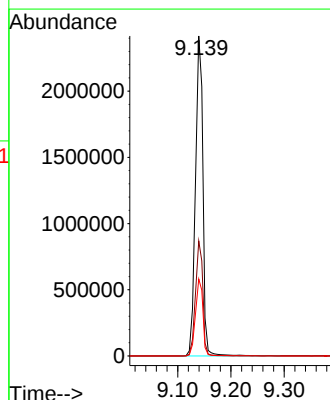
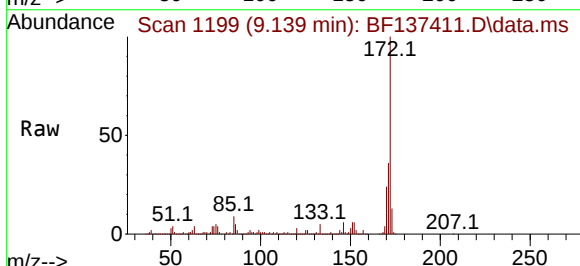
Tgt Ion:172 Resp: 2346890

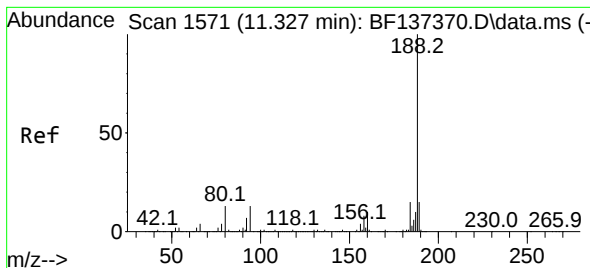
Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 24.1 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: BF137411.D

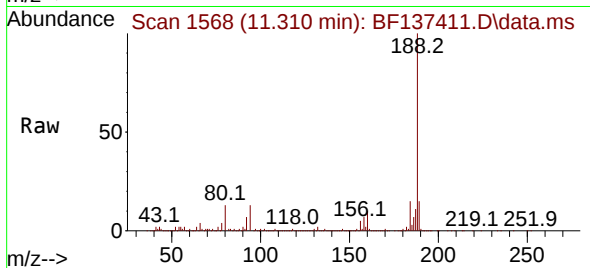
Acq: 27 Feb 2024 18:14

Instrument :

BNA_F

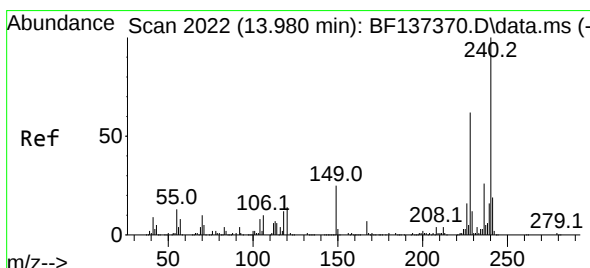
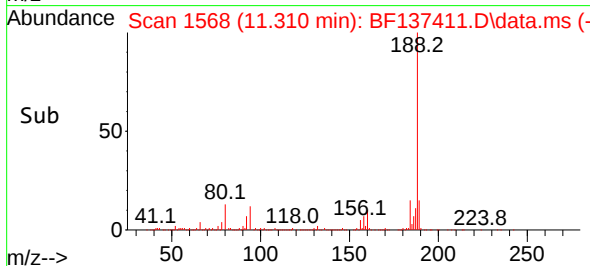
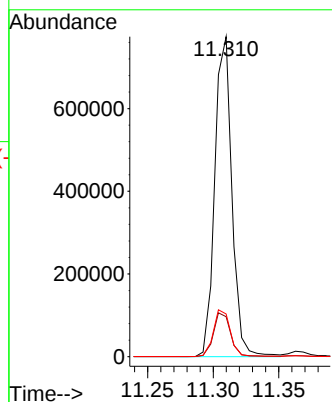
ClientSampleId :

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Tgt Ion:188 Resp: 701964

Ion	Ratio	Lower	Upper
188	100		
94	12.5	10.2	15.2
80	13.3	10.7	16.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

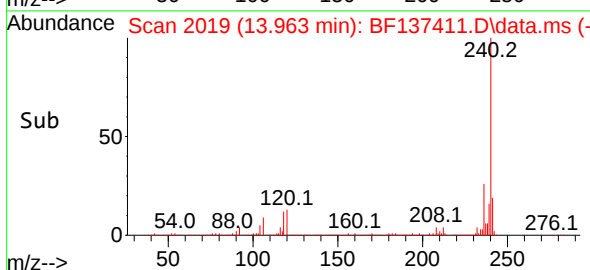
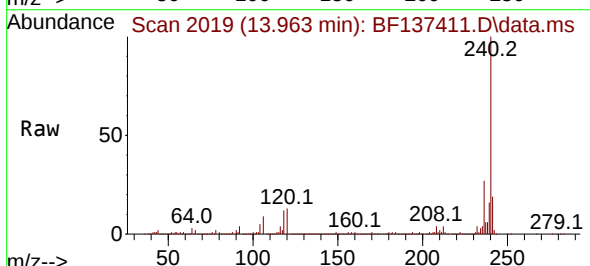
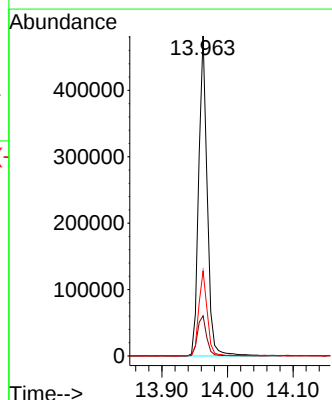
Delta R.T. -0.018 min

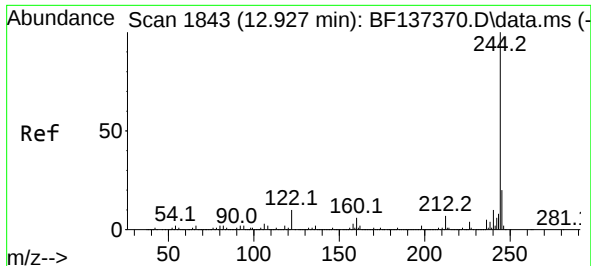
Lab File: BF137411.D

Acq: 27 Feb 2024 18:14

Tgt Ion:240 Resp: 438222

Ion	Ratio	Lower	Upper
240	100		
120	12.6	11.3	16.9
236	26.5	20.5	30.7





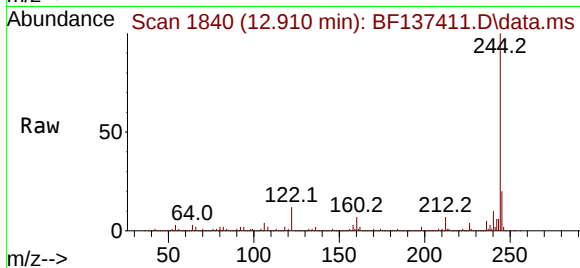
#79
 Terphenyl-d14
 Concen: 66.953 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.018 min
 Lab File: BF137411.D
 Acq: 27 Feb 2024 18:14

Instrument :

BNA_F

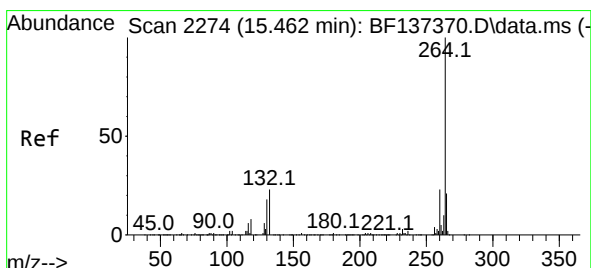
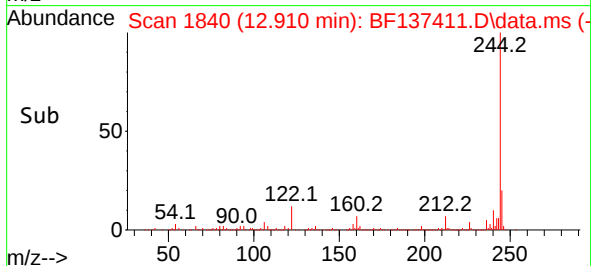
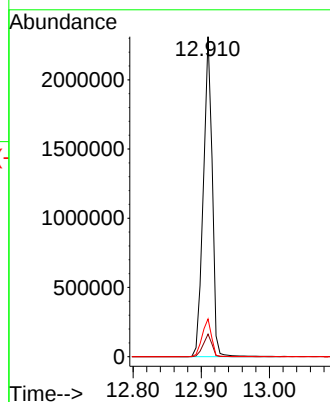
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Tgt Ion:244 Resp: 2097694

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.3	7.9
122	11.8	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: BF137411.D
 Acq: 27 Feb 2024 18:14

Tgt Ion:264 Resp: 474133

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.5	27.7
265	21.8	16.9	25.3

