

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137387.D
 Acq On : 26 Feb 2024 16:06
 Operator : CG\JU
 Sample : P1538-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20241101-COMPOSITE-35N-N-4-06

Quant Time: Feb 26 16:40:56 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	211202	20.000	ng	-0.02
21) Naphthalene-d8	8.057	136	841126	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	444419	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	697610	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	388497	20.000	ng	-0.02
86) Perylene-d12	15.439	264	408219	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1515547	110.725	ng	-0.01
7) Phenol-d6	6.416	99	2087142	103.660	ng	-0.02
23) Nitrobenzene-d5	7.339	82	1154378	68.517	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	387001	100.000	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1703119	59.662	ng	-0.02
79) Terphenyl-d14	12.904	244	1306175	47.025	ng	-0.02

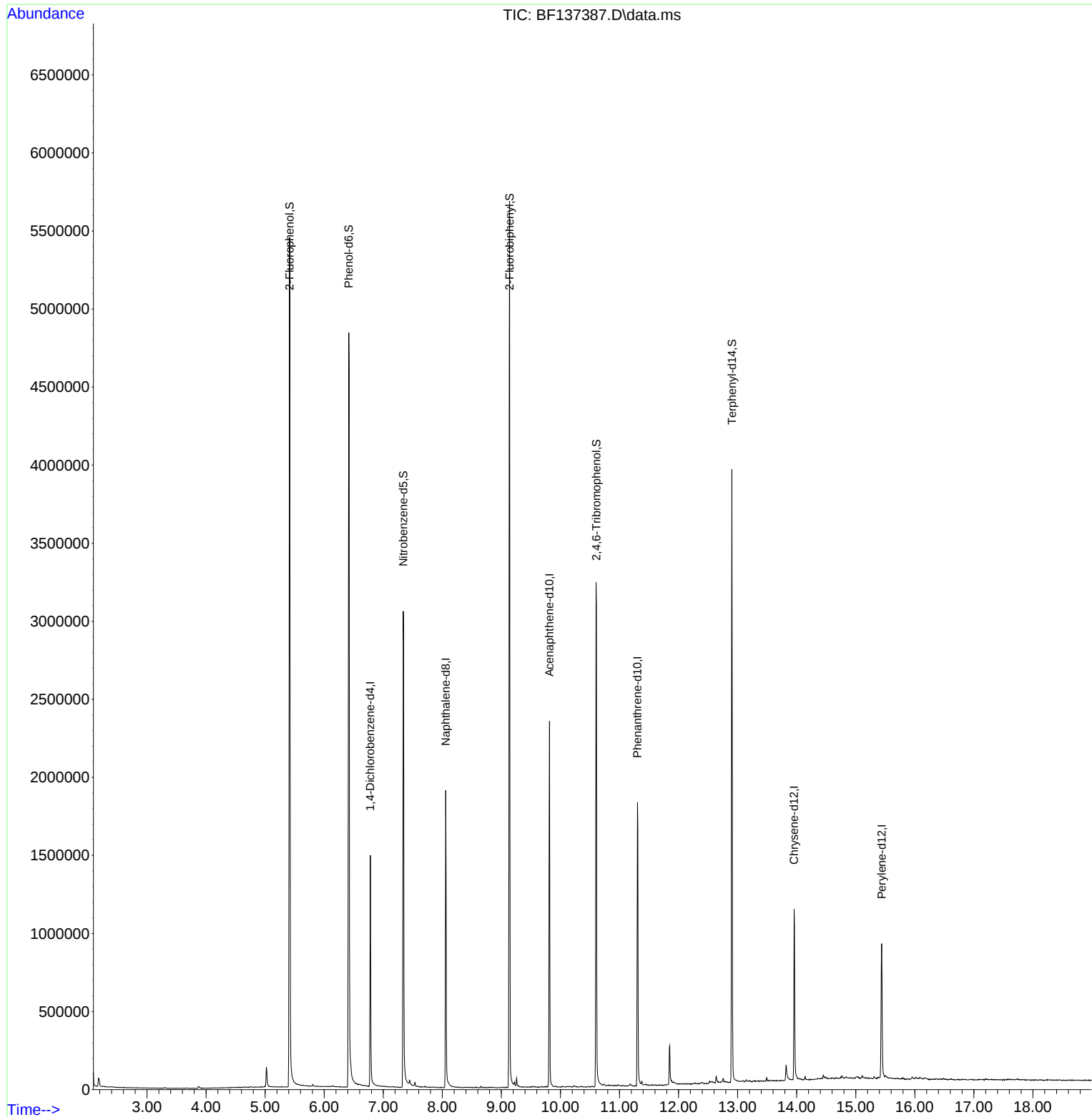
Target Compounds	Qvalue

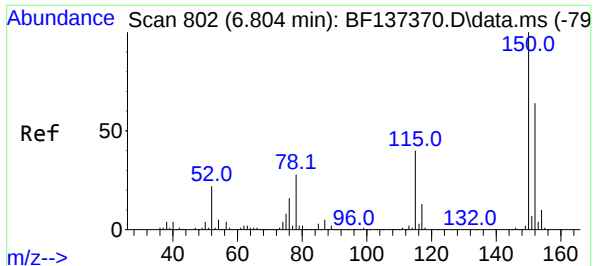
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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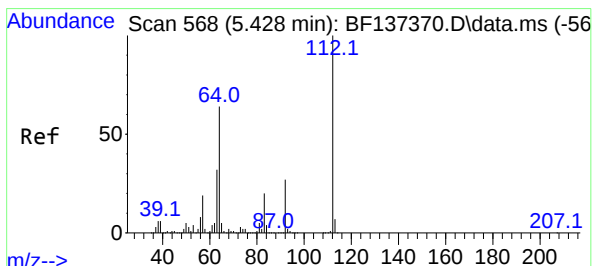
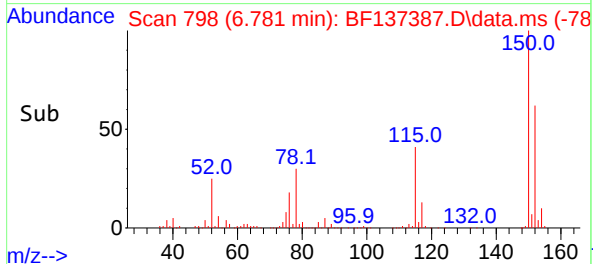
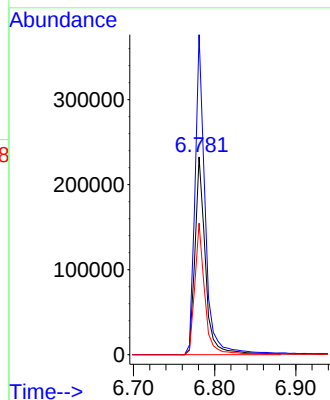
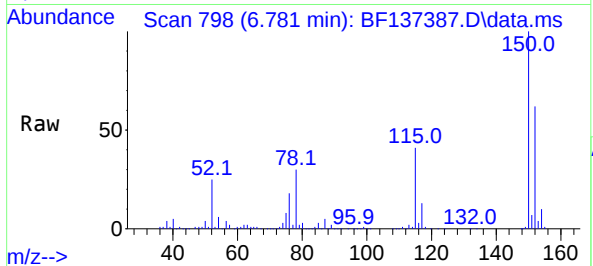




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137387.D
Acq: 26 Feb 2024 16:06

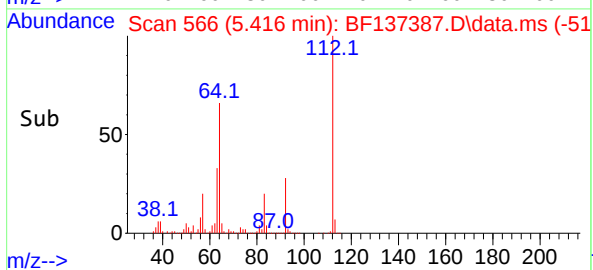
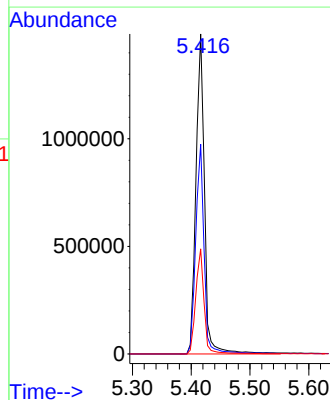
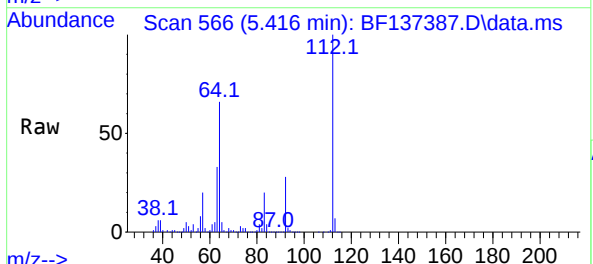
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06

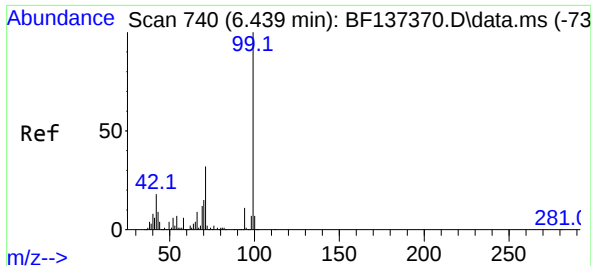
Tgt Ion:152 Resp: 211202
Ion Ratio Lower Upper
152 100
150 161.8 125.7 188.5
115 66.5 49.8 74.8



#5
2-Fluorophenol
Concen: 110.725 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF137387.D
Acq: 26 Feb 2024 16:06

Tgt Ion:112 Resp: 1515547
Ion Ratio Lower Upper
112 100
64 65.6 51.0 76.6
63 32.8 25.7 38.5



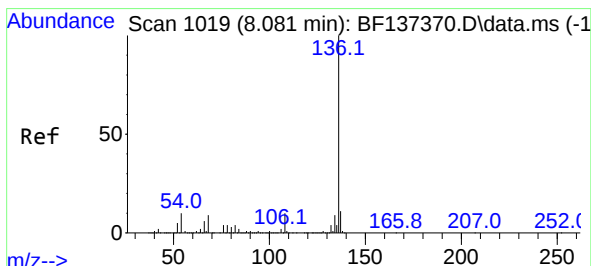
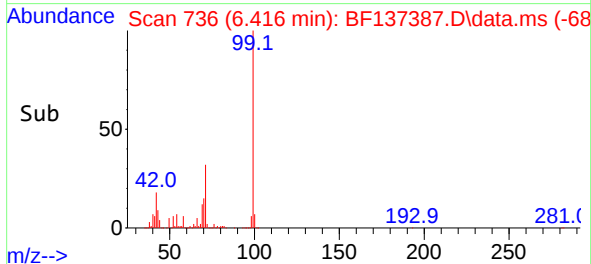
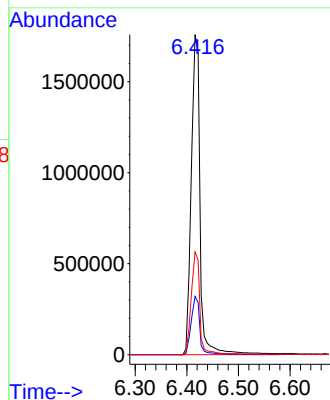
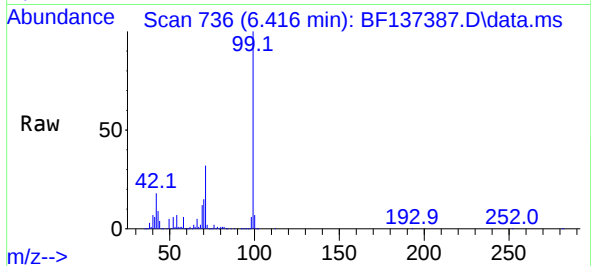


#7
Phenol-d6
Concen: 103.660 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF137387.D
Acq: 26 Feb 2024 16:06

Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06

Tgt Ion: 99 Resp: 2087142

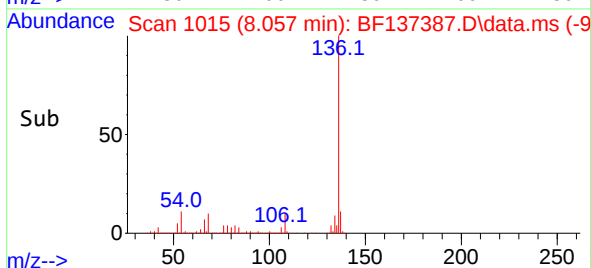
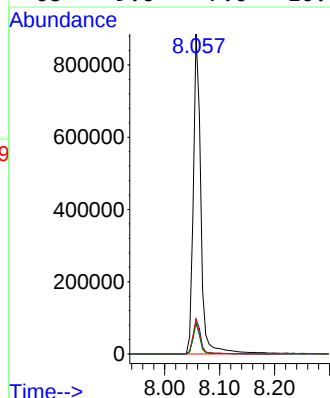
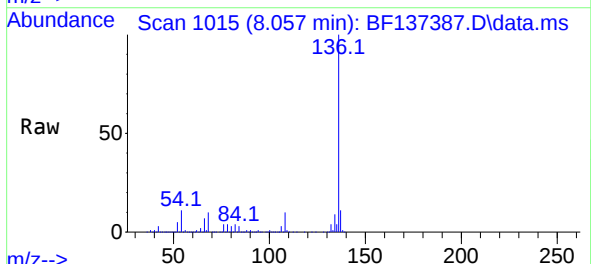
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.2	21.4
71	32.2	25.2	37.8

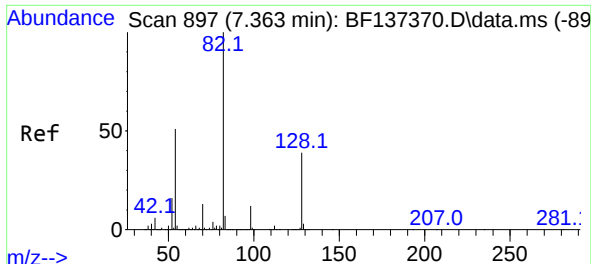


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.024 min
Lab File: BF137387.D
Acq: 26 Feb 2024 16:06

Tgt Ion:136 Resp: 841126

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	10.9	7.8	11.6
68	9.6	7.0	10.4

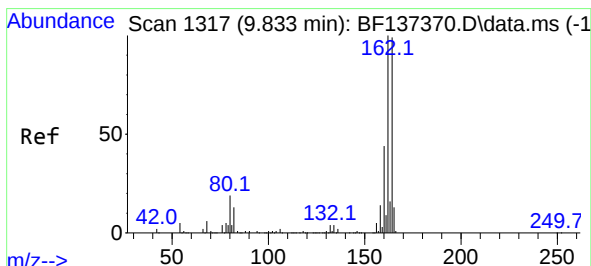
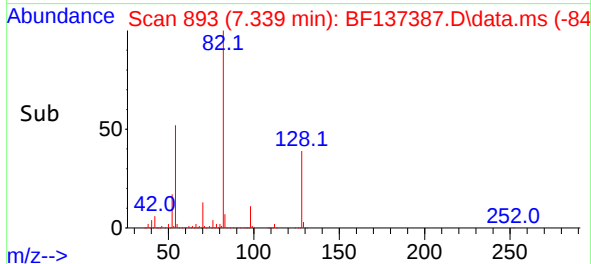
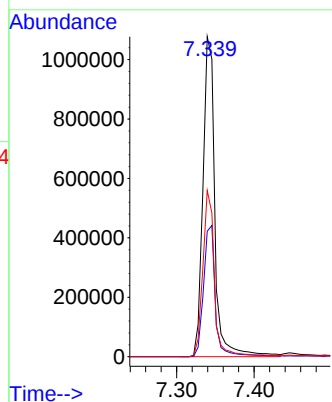
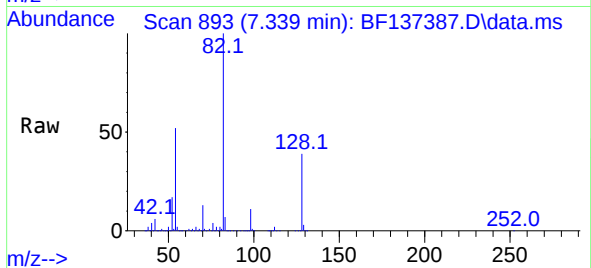




#23
Nitrobenzene-d5
Concen: 68.517 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.024 min
Lab File: BF137387.D
Acq: 26 Feb 2024 16:06

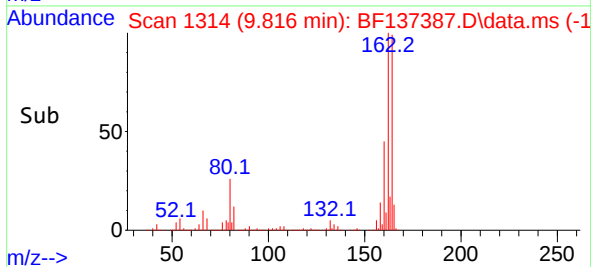
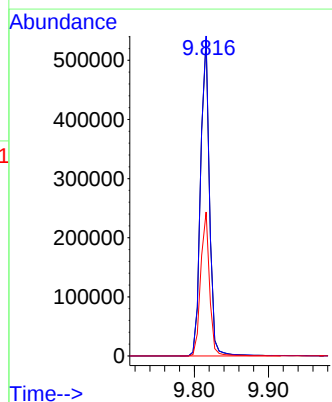
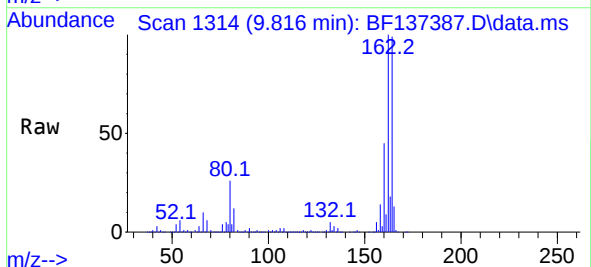
Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06

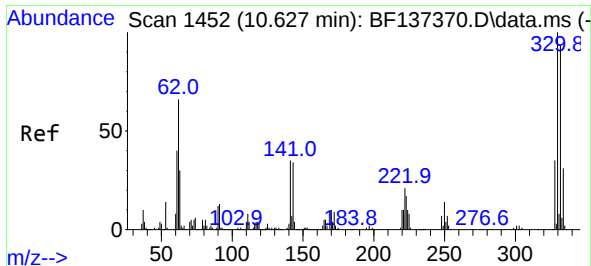
Tgt Ion: 82 Resp: 1154378
Ion Ratio Lower Upper
82 100
128 39.2 30.8 46.2
54 51.9 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.018 min
Lab File: BF137387.D
Acq: 26 Feb 2024 16:06

Tgt Ion:164 Resp: 444419
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 45.5 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 100.000 ng

RT: 10.610 min Scan# 1452

Delta R.T. -0.018 min

Lab File: BF137387.D

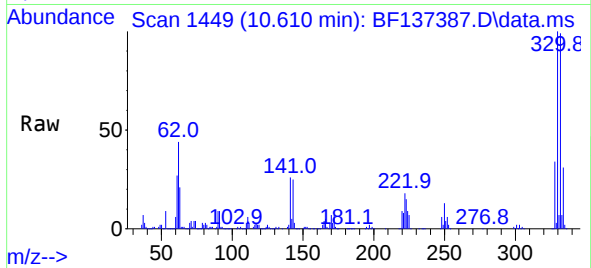
Acq: 26 Feb 2024 16:06

Instrument :

BNA_F

ClientSampleId :

20241101-COMPOSITE-35N-N-4-06



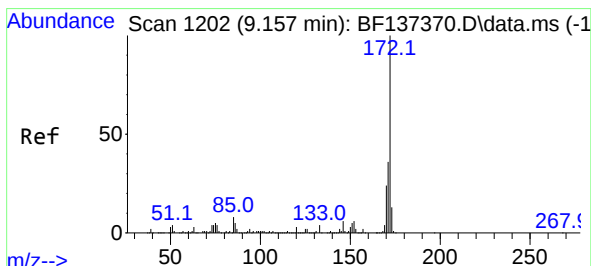
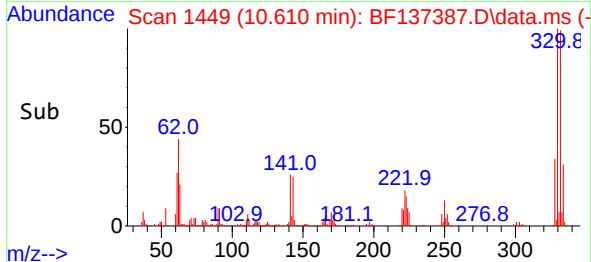
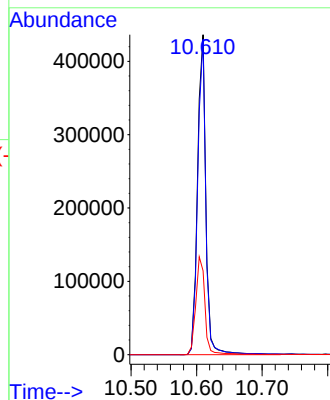
Tgt Ion:330 Resp: 387001

Ion Ratio Lower Upper

330 100

332 96.9 75.6 113.4

141 33.6 28.6 42.8



#45

2-Fluorobiphenyl

Concen: 59.662 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.018 min

Lab File: BF137387.D

Acq: 26 Feb 2024 16:06

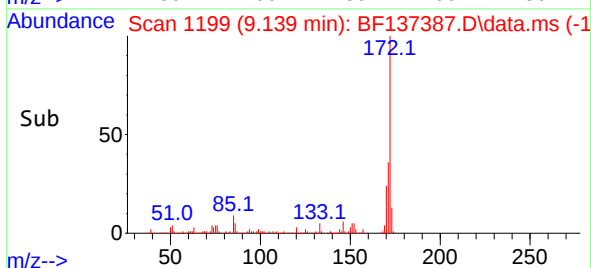
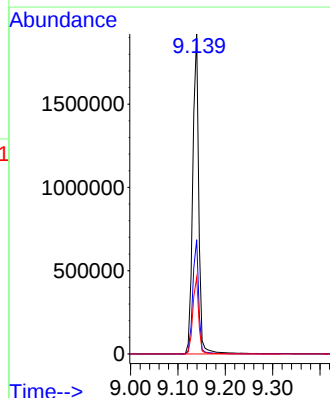
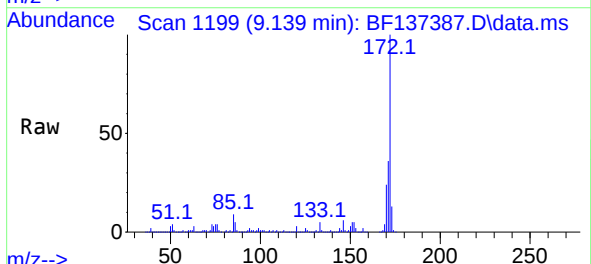
Tgt Ion:172 Resp: 1703119

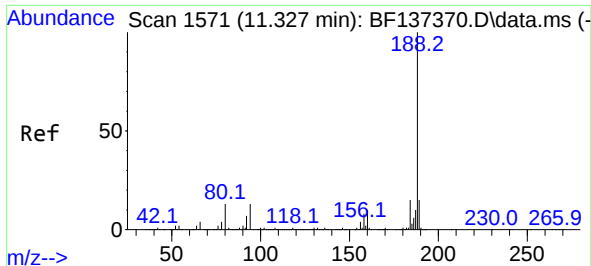
Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.9 19.5 29.3

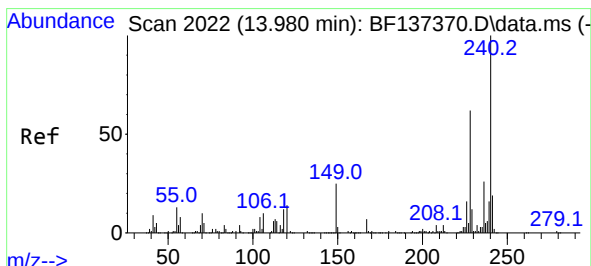
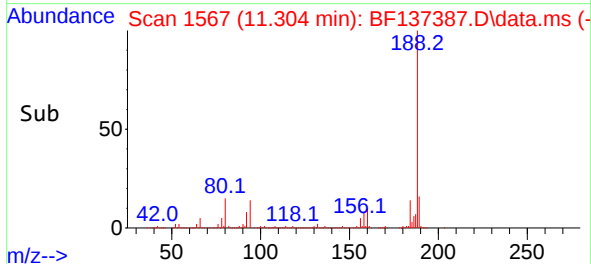
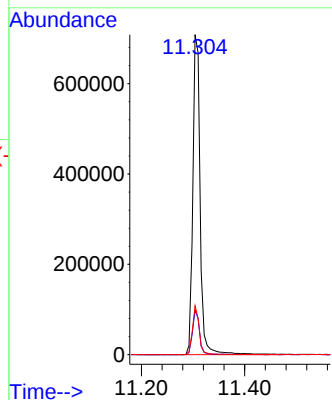
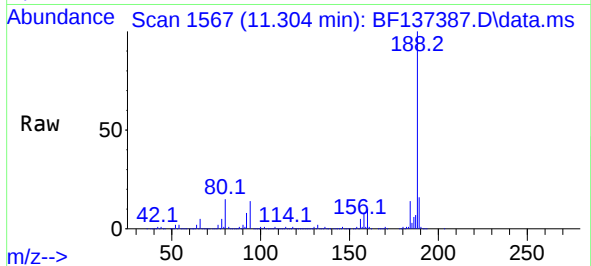




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.024 min
Lab File: BF137387.D
Acq: 26 Feb 2024 16:06

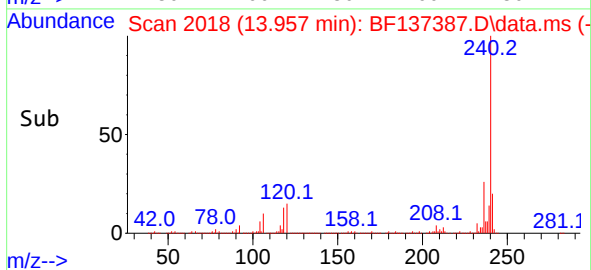
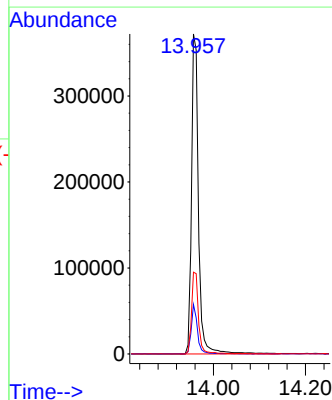
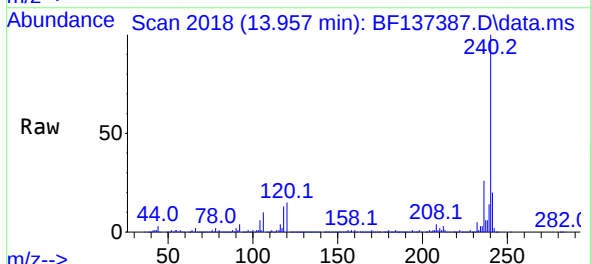
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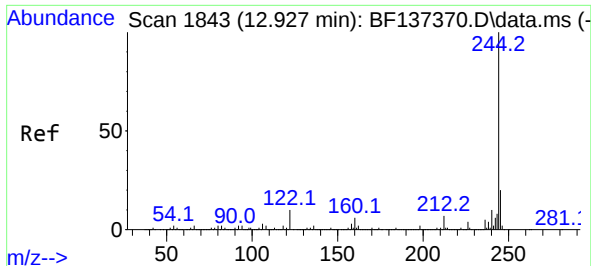
Tgt Ion:188 Resp: 697610
Ion Ratio Lower Upper
188 100
94 13.9 10.2 15.2
80 15.3 10.7 16.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.023 min
Lab File: BF137387.D
Acq: 26 Feb 2024 16:06

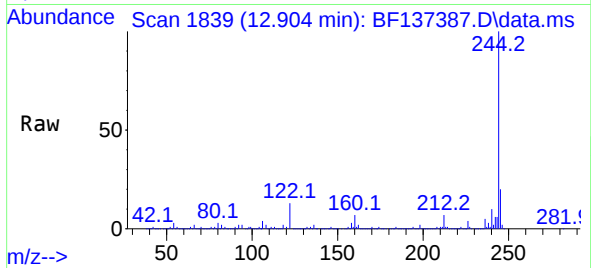
Tgt Ion:240 Resp: 388497
Ion Ratio Lower Upper
240 100
120 15.4 11.3 16.9
236 25.6 20.5 30.7



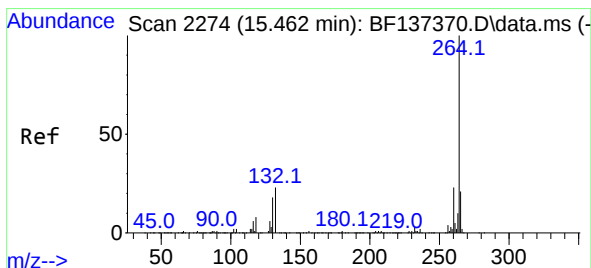
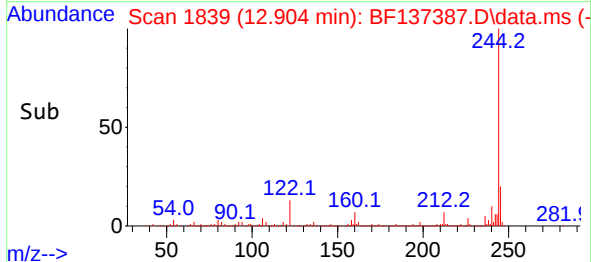
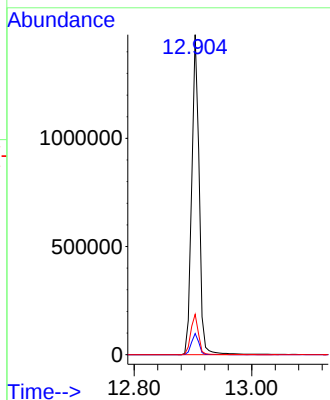


#79
Terphenyl-d14
Concen: 47.025 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.024 min
Lab File: BF137387.D
Acq: 26 Feb 2024 16:06

Instrument :
BNA_F
ClientSampleId :
20241101-COMPOSITE-35N-N-4-06



Tgt Ion:244 Resp: 1306175
Ion Ratio Lower Upper
244 100
212 6.6 5.3 7.9
122 12.6 8.2 12.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.024 min
Lab File: BF137387.D
Acq: 26 Feb 2024 16:06

Tgt Ion:264 Resp: 408219
Ion Ratio Lower Upper
264 100
260 23.6 18.5 27.7
265 21.8 16.9 25.3

