

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
 Data File : BF137386.D
 Acq On : 26 Feb 2024 15:36
 Operator : CG\JU
 Sample : P1538-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20241100-COMPOSITE-35N-N-4-05

Quant Time: Feb 26 16:07:36 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	206991	20.000	ng	-0.02
21) Naphthalene-d8	8.057	136	835499	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	446205	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	688730	20.000	ng	-0.02
76) Chrysene-d12	13.957	240	385562	20.000	ng	-0.02
86) Perylene-d12	15.439	264	416312	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1759333	131.151	ng	-0.01
7) Phenol-d6	6.422	99	2410232	122.141	ng	-0.02
23) Nitrobenzene-d5	7.346	82	1361534	81.357	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	484503	124.693	ng	-0.02
45) 2-Fluorobiphenyl	9.140	172	2060062	71.877	ng	-0.02
79) Terphenyl-d14	12.904	244	1707957	61.959	ng	-0.02

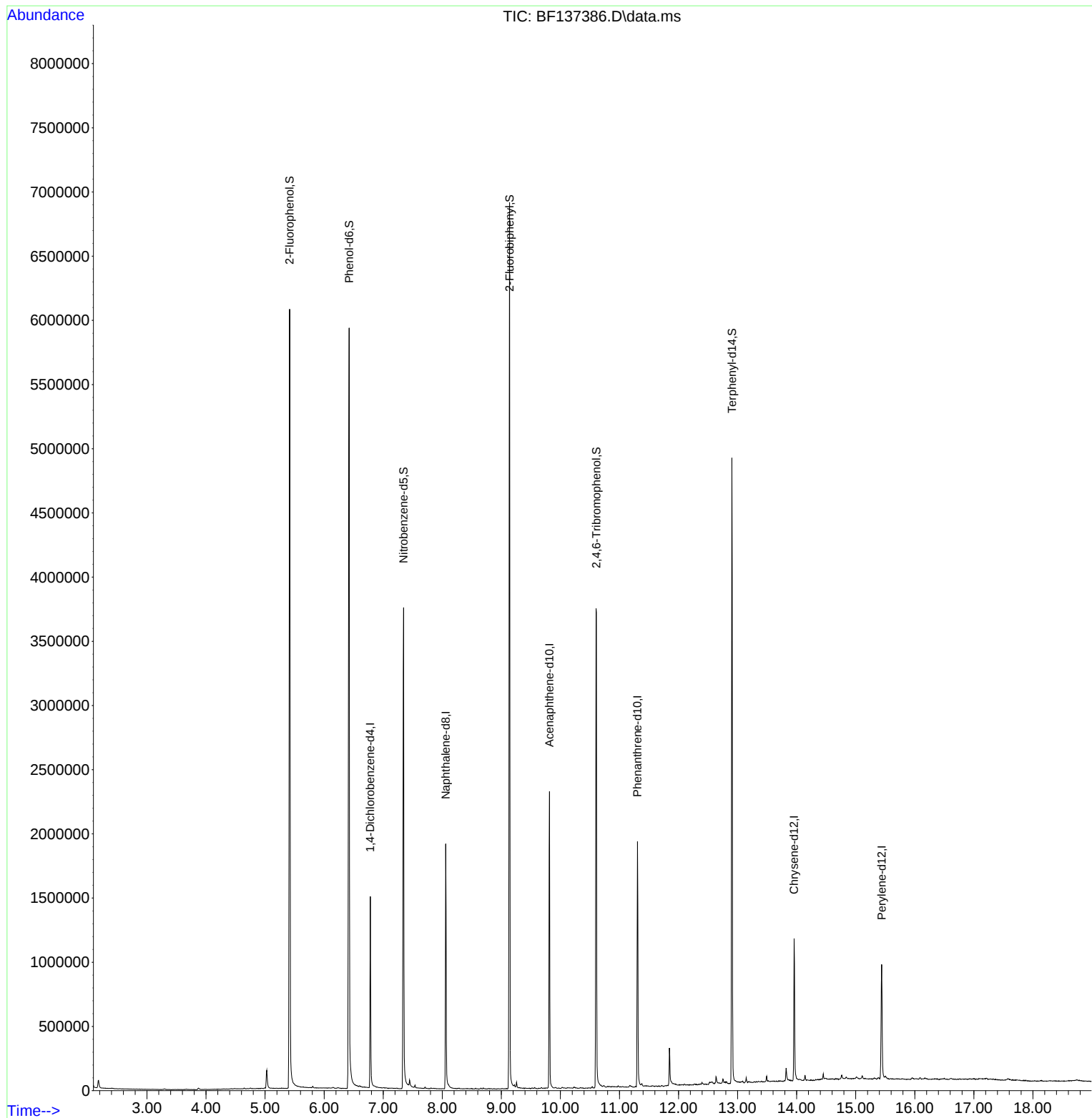
Target Compounds	Qvalue

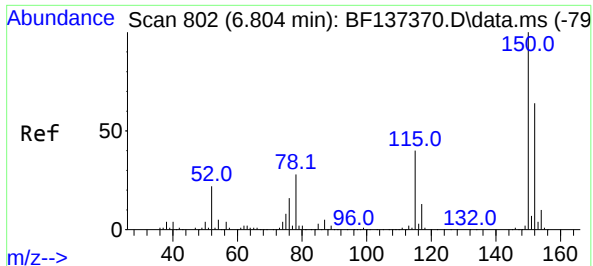
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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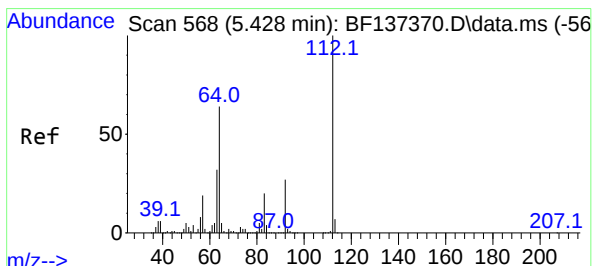
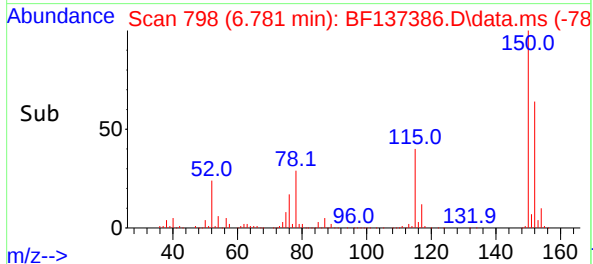
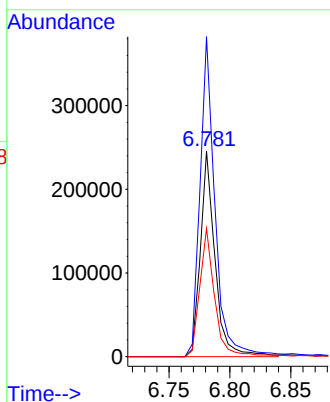
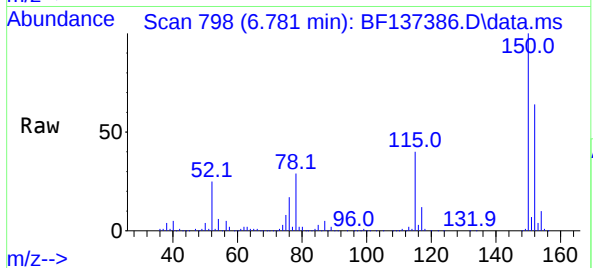




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF137386.D
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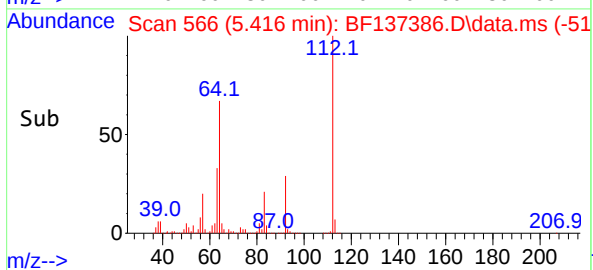
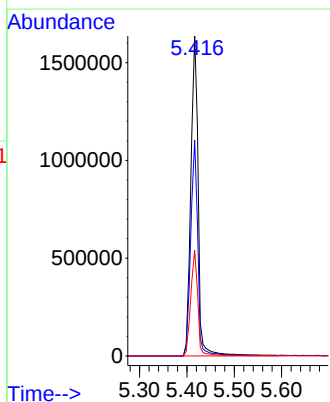
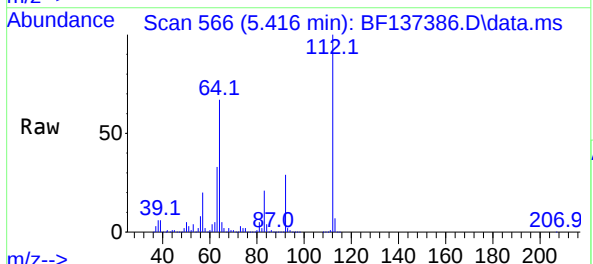
Instrument :
BNA_F
ClientSampleId :
20241100-COMPOSITE-35N-N-4-05

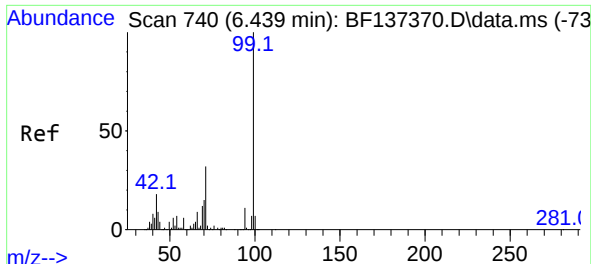
Tgt Ion:152 Resp: 206991
Ion Ratio Lower Upper
152 100
150 155.5 125.7 188.5
115 62.4 49.8 74.8



#5
2-Fluorophenol
Concen: 131.151 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF137386.D
Acq: 26 Feb 2024 15:36

Tgt Ion:112 Resp: 1759333
Ion Ratio Lower Upper
112 100
64 67.5 51.0 76.6
63 33.0 25.7 38.5

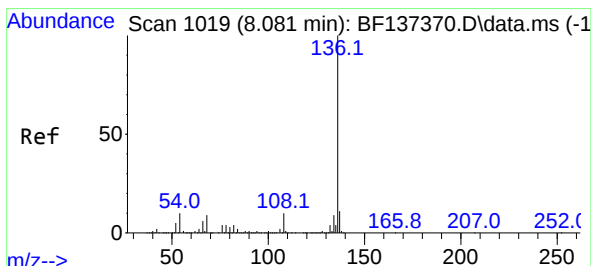
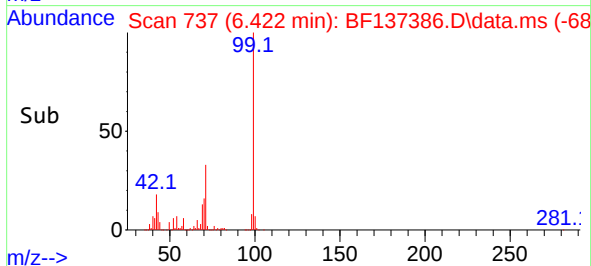
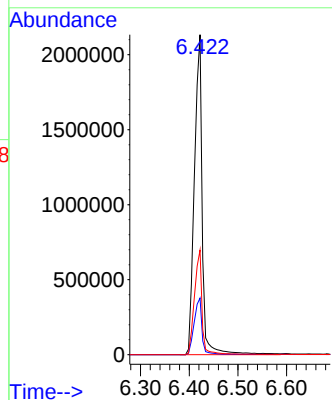
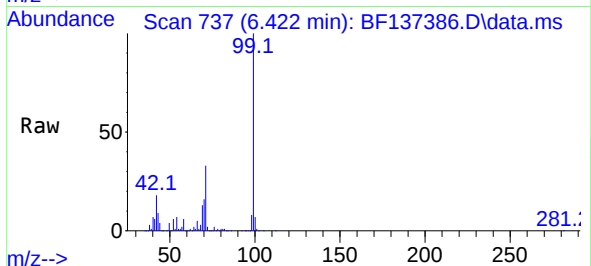




#7
Phenol-d6
Concen: 122.141 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF137386.D
Acq: 26 Feb 2024 15:36

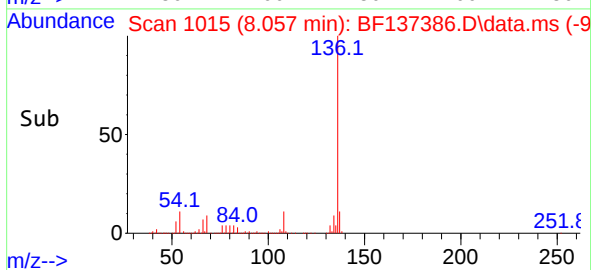
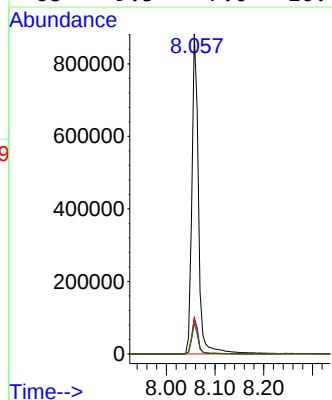
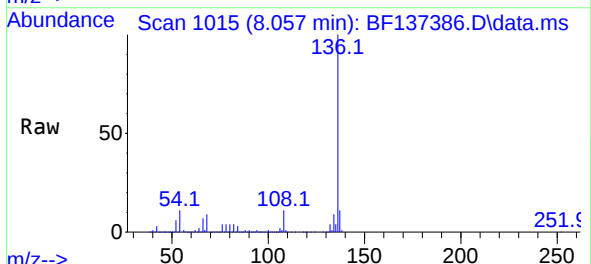
Instrument :
BNA_F
ClientSampleId :
20241100-COMPOSITE-35N-N-4-05

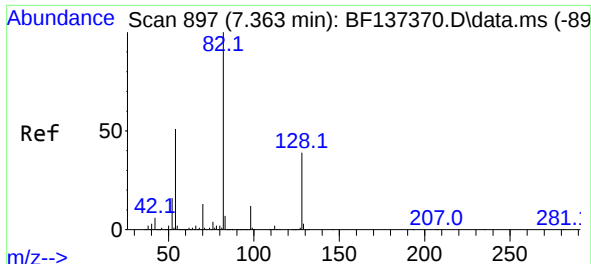
Tgt Ion: 99 Resp: 2410232
Ion Ratio Lower Upper
99 100
42 17.7 14.2 21.4
71 32.7 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.024 min
Lab File: BF137386.D
Acq: 26 Feb 2024 15:36

Tgt Ion: 136 Resp: 835499
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 11.1 7.8 11.6
68 9.5 7.0 10.4





#23

Nitrobenzene-d5

Concen: 81.357 ng

RT: 7.346 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF137386.D

Acq: 26 Feb 2024 15:36

Instrument :

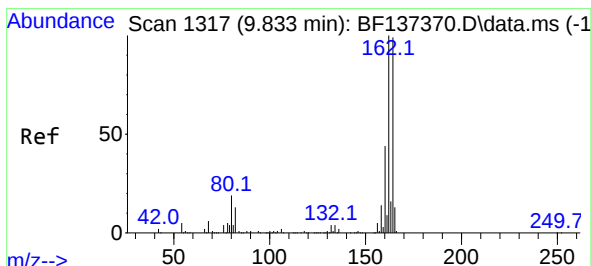
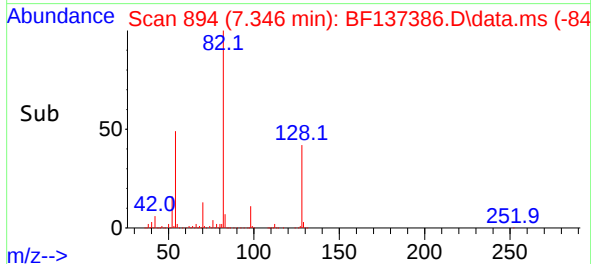
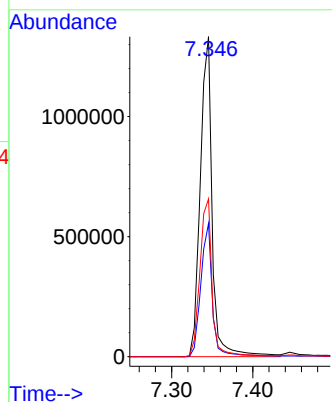
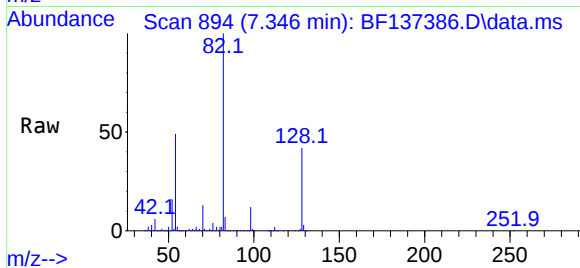
BNA_F

ClientSampleId :

20241100-COMPOSITE-35N-N-4-05

Tgt Ion: 82 Resp: 1361534

Ion	Ratio	Lower	Upper
82	100		
128	41.6	30.8	46.2
54	49.3	40.8	61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

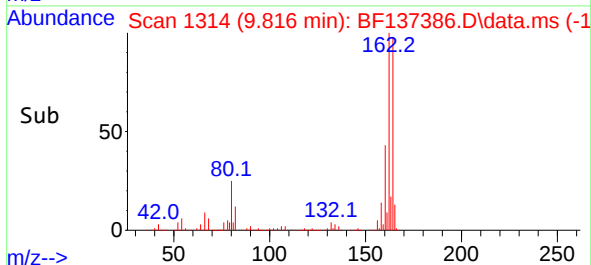
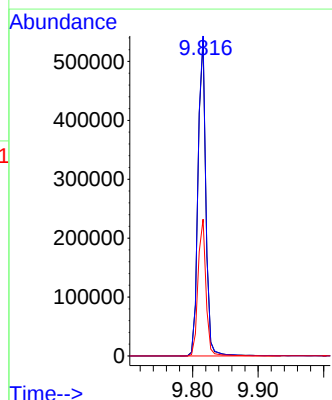
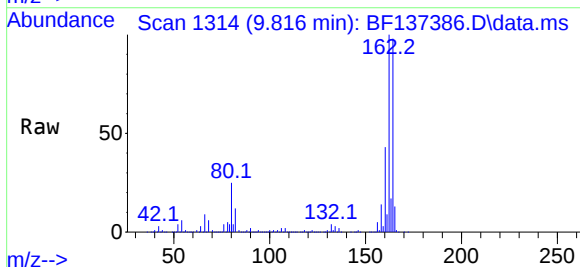
Delta R.T. -0.017 min

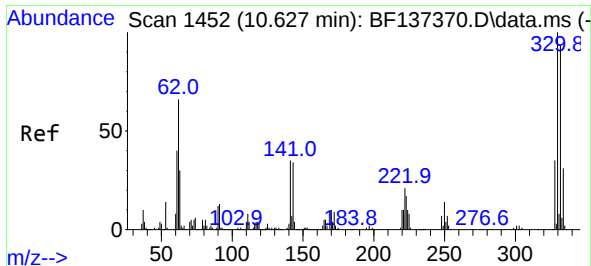
Lab File: BF137386.D

Acq: 26 Feb 2024 15:36

Tgt Ion:164 Resp: 446205

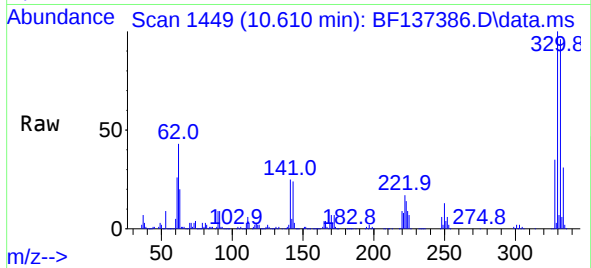
Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.2	121.8
160	43.4	35.7	53.5



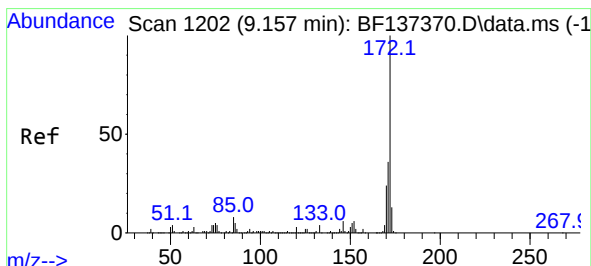
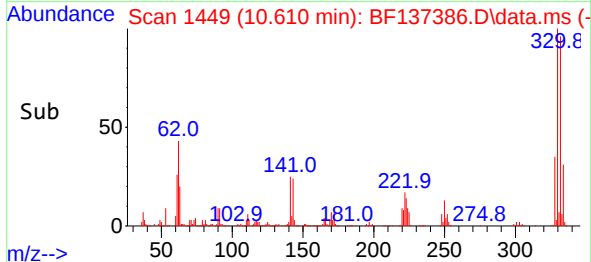
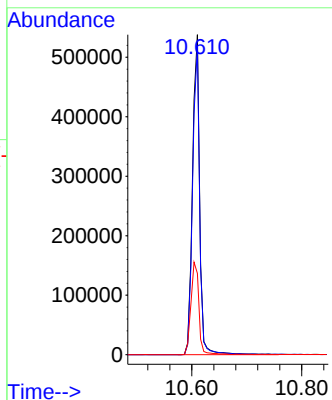


#42
2,4,6-Tribromophenol
Concen: 124.693 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.017 min
Lab File: BF137386.D
Acq: 26 Feb 2024 15:36

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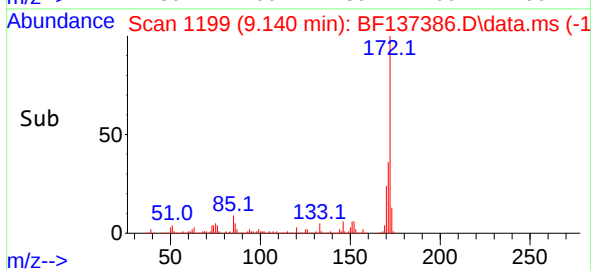
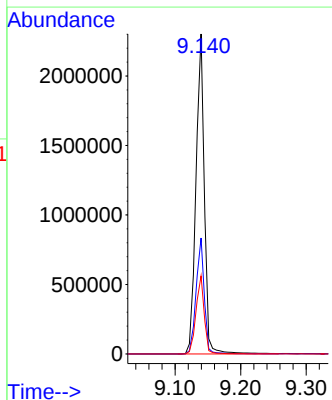
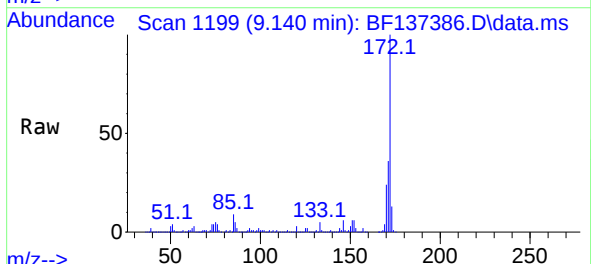


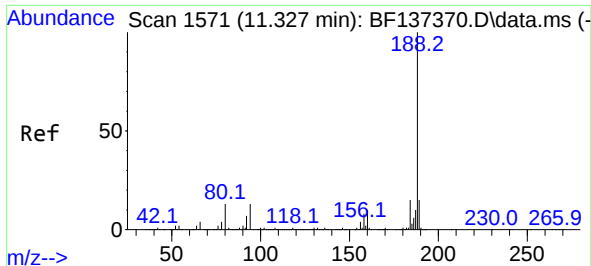
Tgt Ion:330 Resp: 484503
Ion Ratio Lower Upper
330 100
332 95.1 75.6 113.4
141 32.1 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 71.877 ng
RT: 9.140 min Scan# 1199
Delta R.T. -0.017 min
Lab File: BF137386.D
Acq: 26 Feb 2024 15:36

Tgt Ion:172 Resp: 2060062
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.4 19.5 29.3

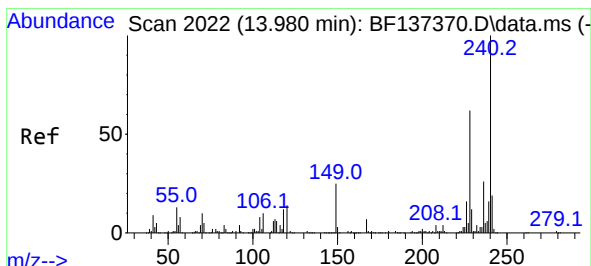
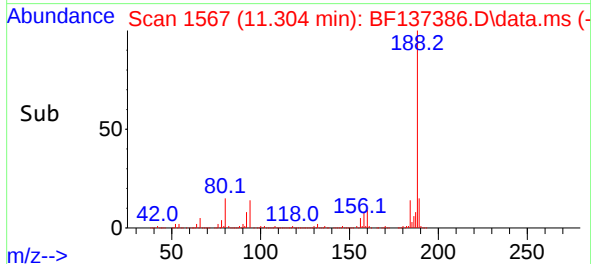
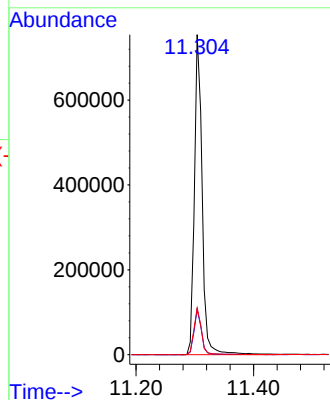
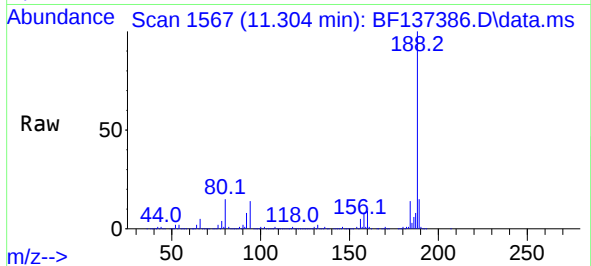




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF137386.D
Acq: 26 Feb 2024 15:36

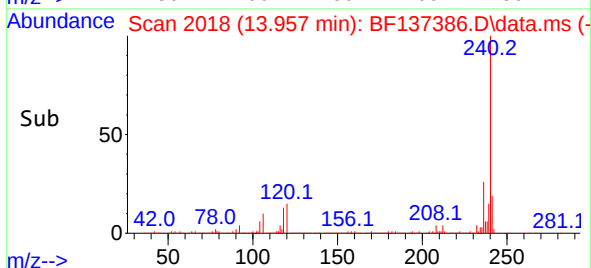
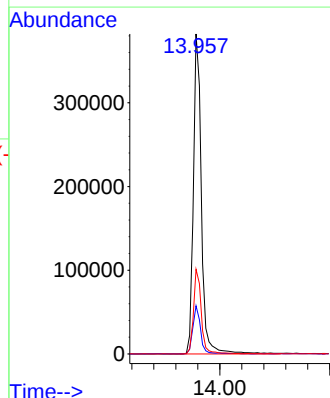
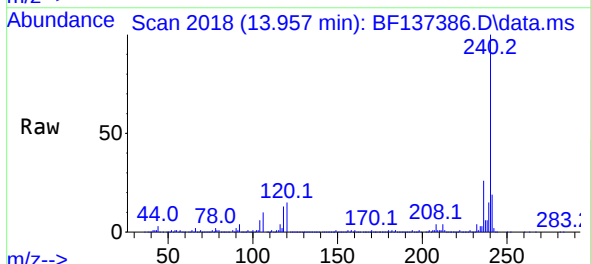
Instrument :
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ClientSampleId :
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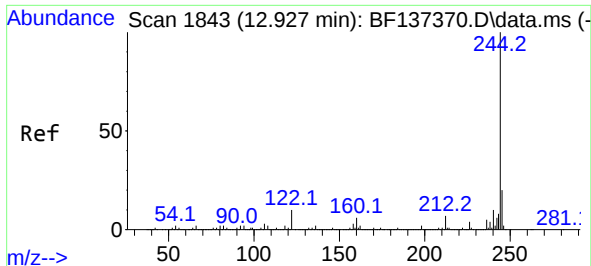
Tgt Ion:188 Resp: 688730
Ion Ratio Lower Upper
188 100
94 14.1 10.2 15.2
80 14.6 10.7 16.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.023 min
Lab File: BF137386.D
Acq: 26 Feb 2024 15:36

Tgt Ion:240 Resp: 385562
Ion Ratio Lower Upper
240 100
120 15.0 11.3 16.9
236 26.5 20.5 30.7

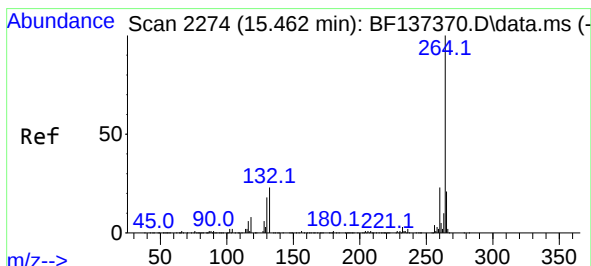
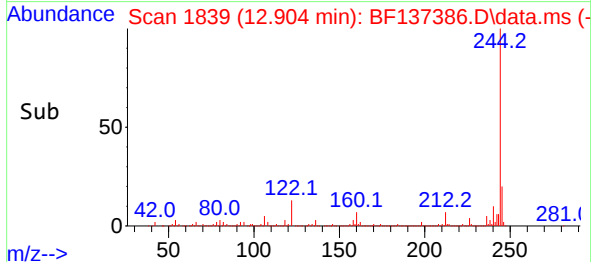
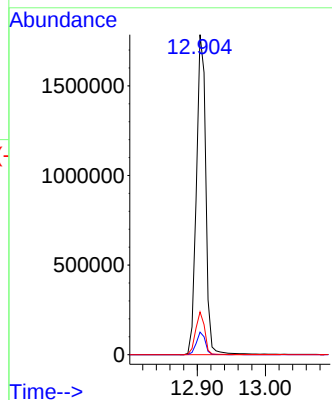
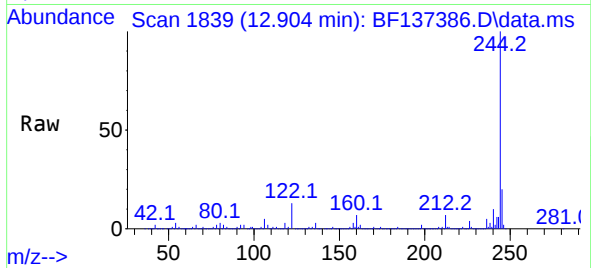




#79
 Terphenyl-d14
 Concen: 61.959 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.023 min
 Lab File: BF137386.D
 Acq: 26 Feb 2024 15:36

Instrument :
 BNA_F
 ClientSampleId :
 20241100-COMPOSITE-35N-N-4-05

Tgt Ion:244 Resp: 1707957
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.3 7.9
 122 13.3 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.023 min
 Lab File: BF137386.D
 Acq: 26 Feb 2024 15:36

Tgt Ion:264 Resp: 416312
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 20.8 16.9 25.3

