

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137400.D
 Acq On : 27 Feb 2024 12:47
 Operator : CG\JU
 Sample : PB159259BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159259BL

Quant Time: Feb 27 13:11:21 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	6.787	152	265220	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	1062950	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	586173	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	1113216	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	865765	20.000	ng	-0.01
86) Perylene-d12	15.451	264	713828	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2055182	119.569	ng	0.00
7) Phenol-d6	6.428	99	2771723	109.622	ng	-0.01
23) Nitrobenzene-d5	7.351	82	1774707	83.354	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	680943	133.403	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2879177	76.469	ng	-0.01
79) Terphenyl-d14	12.916	244	3895023	62.926	ng	-0.01

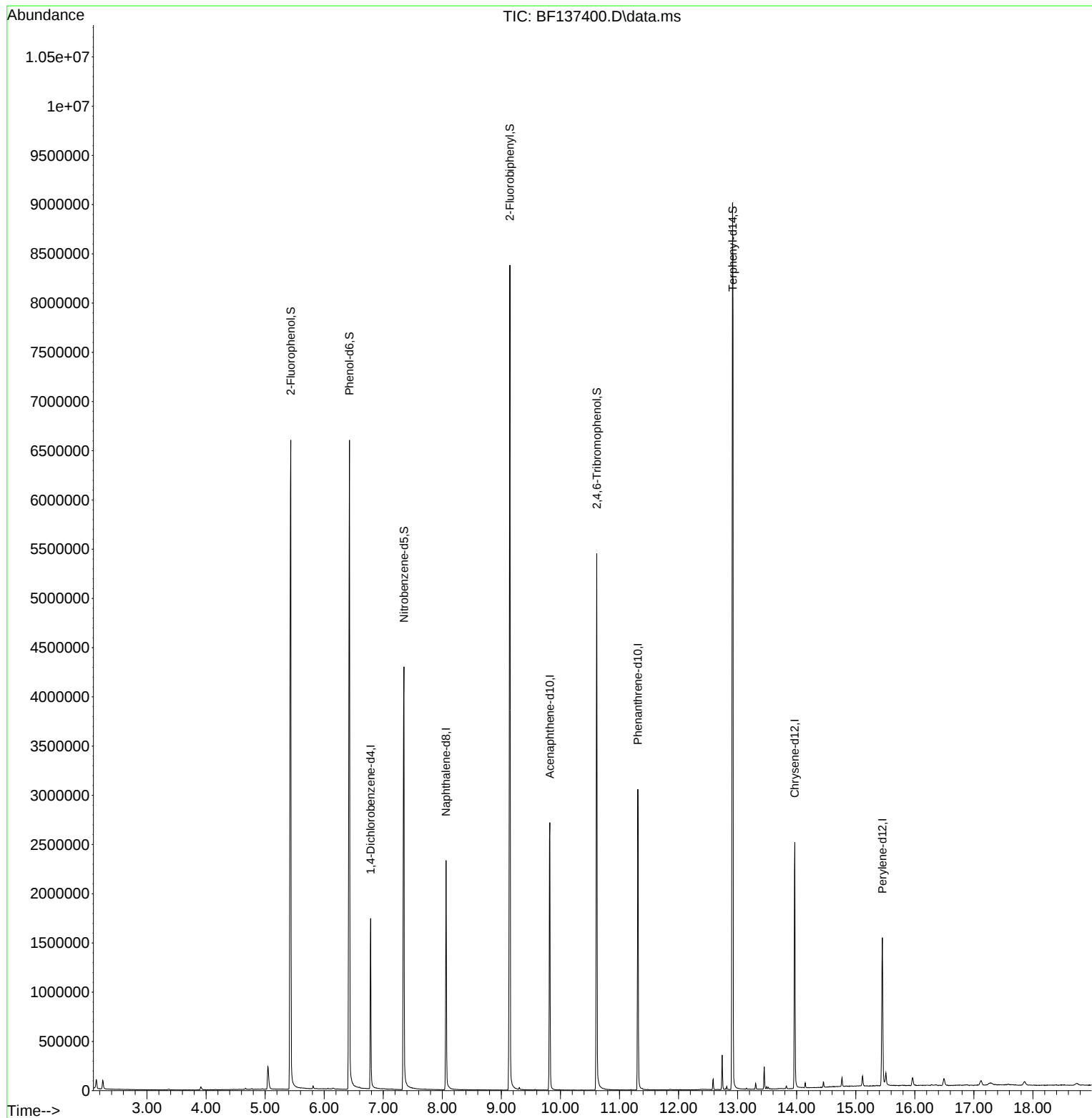
Target Compounds	Qvalue

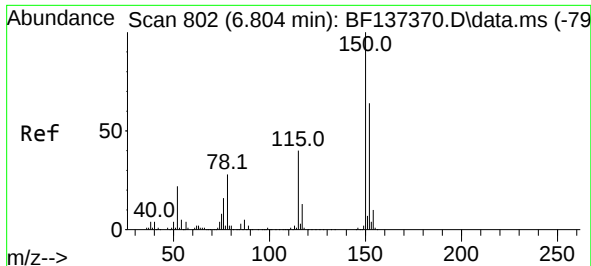
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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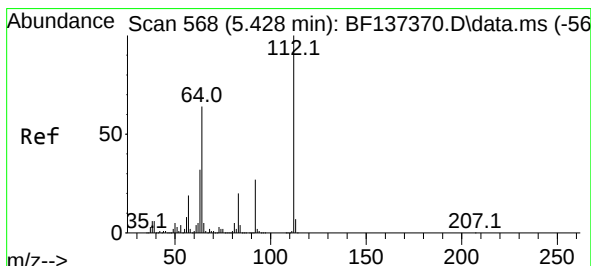
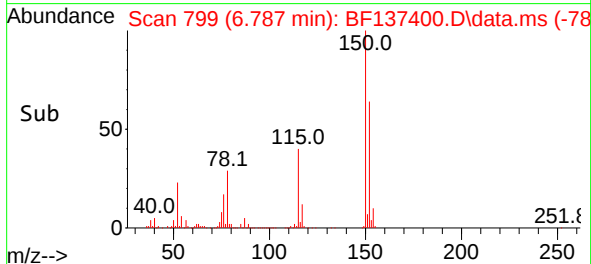
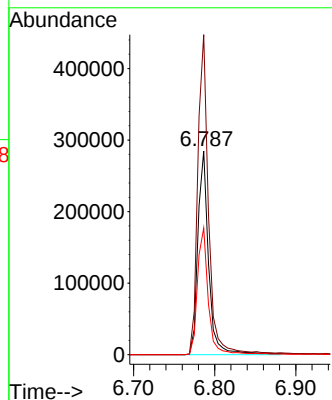
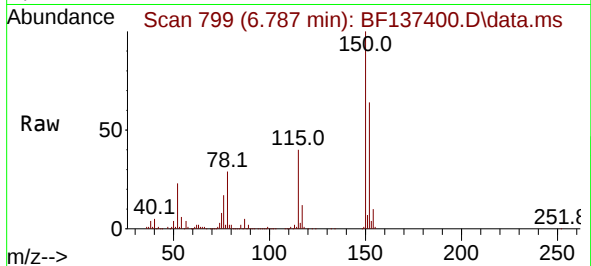




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.017 min
Lab File: BF137400.D
Acq: 27 Feb 2024 12:47

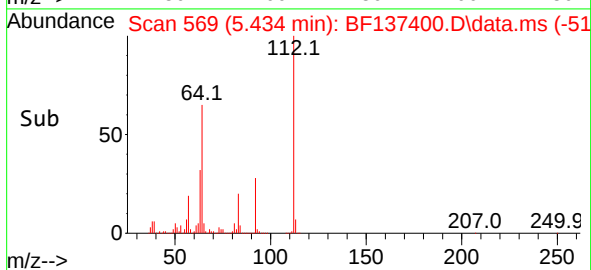
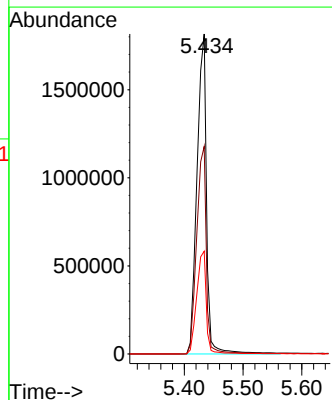
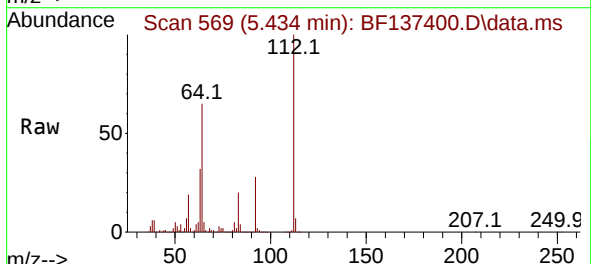
Instrument :
BNA_F
ClientSampleId :
PB159259BL

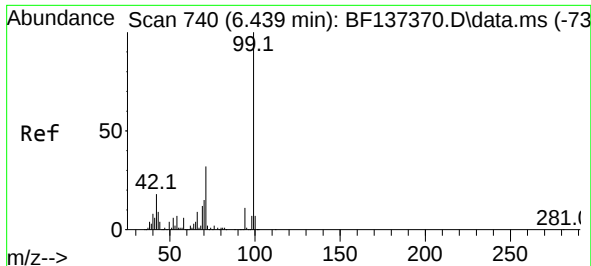
Tgt Ion:152 Resp: 265220
Ion Ratio Lower Upper
152 100
150 157.1 125.7 188.5
115 62.2 49.8 74.8



#5
2-Fluorophenol
Concen: 119.569 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF137400.D
Acq: 27 Feb 2024 12:47

Tgt Ion:112 Resp: 2055182
Ion Ratio Lower Upper
112 100
64 64.9 51.0 76.6
63 32.1 25.7 38.5

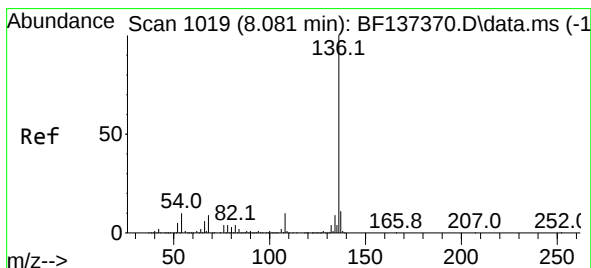
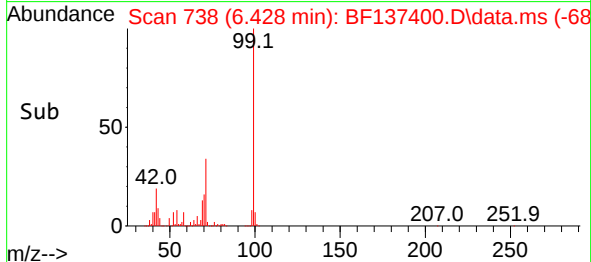
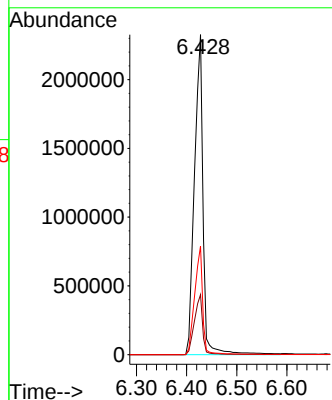
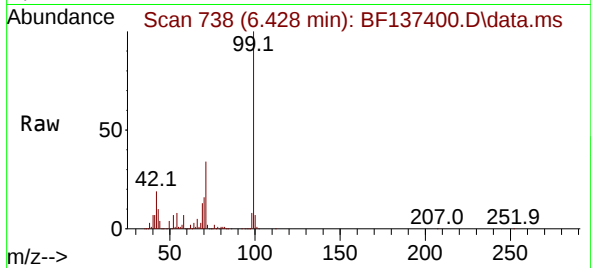




#7
Phenol-d6
Concen: 109.622 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF137400.D
Acq: 27 Feb 2024 12:47

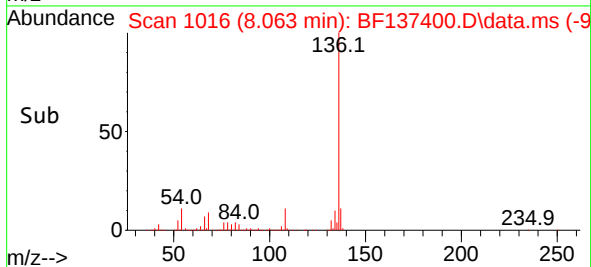
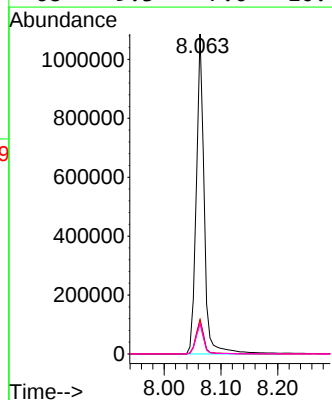
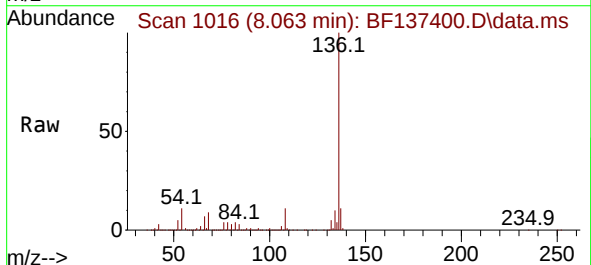
Instrument :
BNA_F
ClientSampleId :
PB159259BL

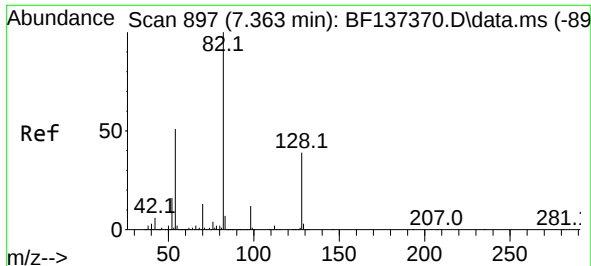
Tgt Ion: 99 Resp: 2771723
Ion Ratio Lower Upper
99 100
42 18.7 14.2 21.4
71 34.0 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137400.D
Acq: 27 Feb 2024 12:47

Tgt Ion:136 Resp: 1062950
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 10.6 7.8 11.6
68 9.3 7.0 10.4

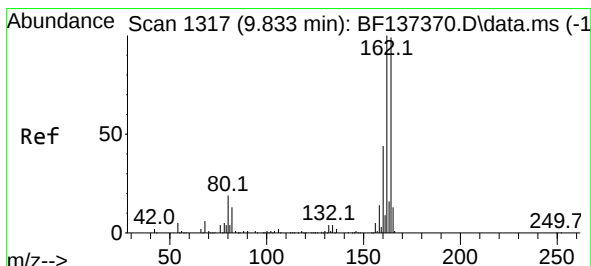
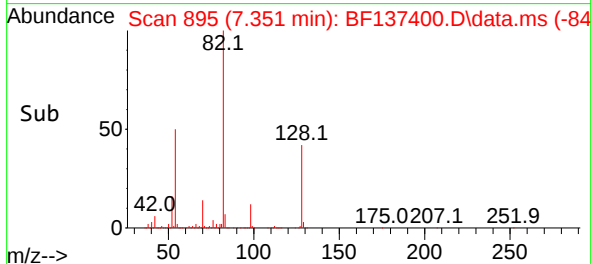
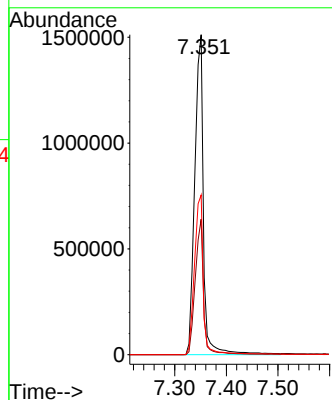
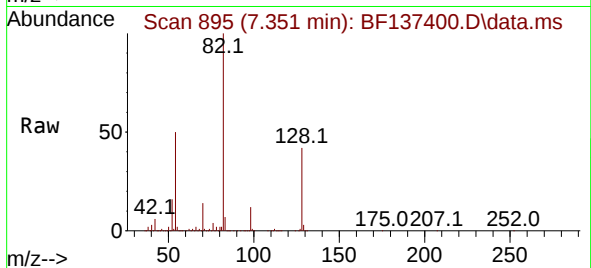




#23
Nitrobenzene-d5
Concen: 83.354 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF137400.D
Acq: 27 Feb 2024 12:47

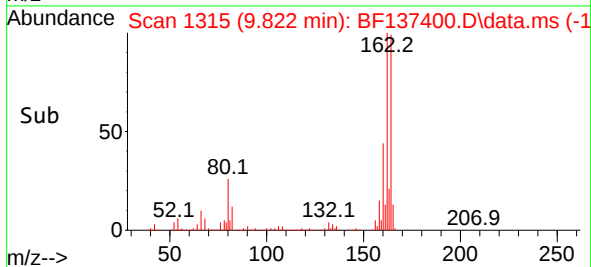
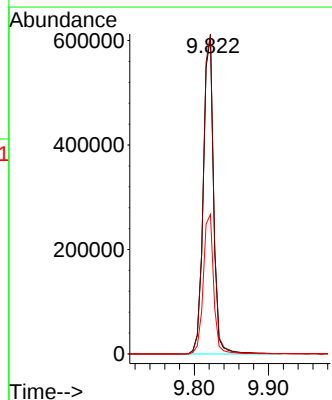
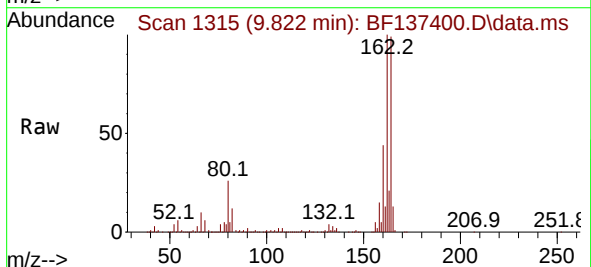
Instrument :
BNA_F
ClientSampleId :
PB159259BL

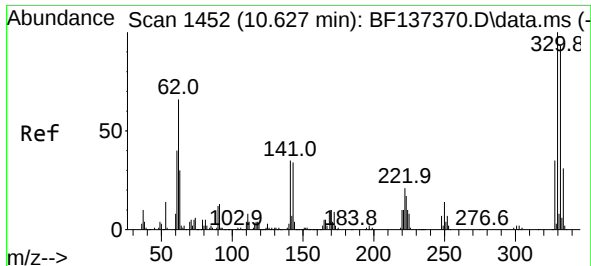
Tgt Ion: 82 Resp: 1774707
Ion Ratio Lower Upper
82 100
128 42.3 30.8 46.2
54 49.9 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF137400.D
Acq: 27 Feb 2024 12:47

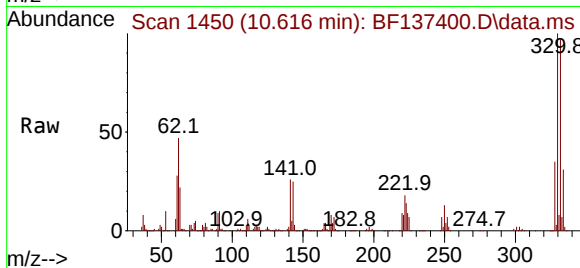
Tgt Ion:164 Resp: 586173
Ion Ratio Lower Upper
164 100
162 100.9 81.2 121.8
160 44.0 35.7 53.5



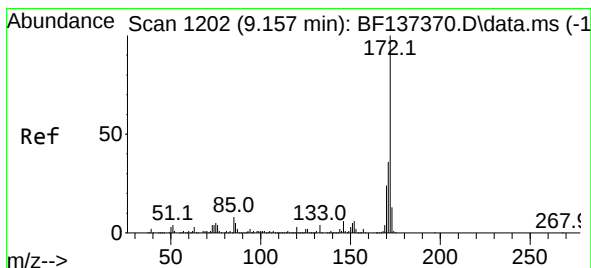
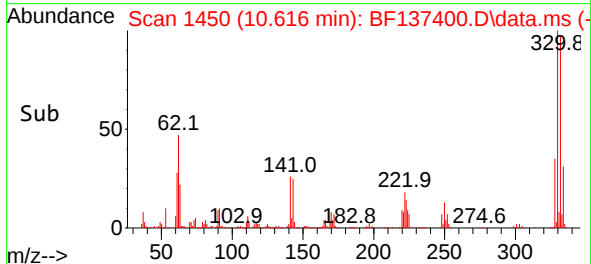
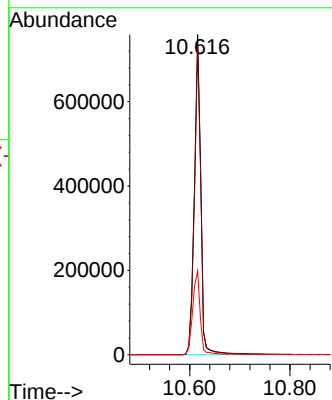


#42
2,4,6-Tribromophenol
Concen: 133.403 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF137400.D
Acq: 27 Feb 2024 12:47

Instrument :
BNA_F
ClientSampleId :
PB159259BL

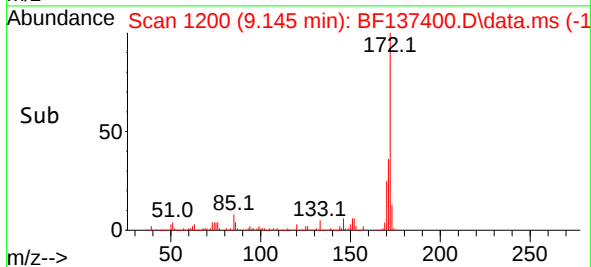
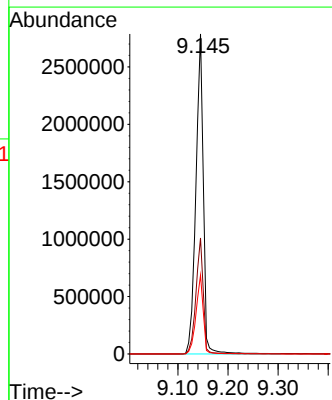
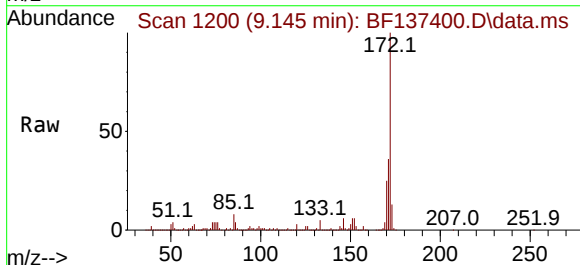


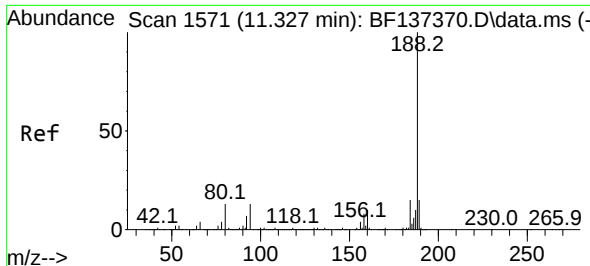
Tgt Ion:330 Resp: 680943
Ion Ratio Lower Upper
330 100
332 96.2 75.6 113.4
141 30.5 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 76.469 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF137400.D
Acq: 27 Feb 2024 12:47

Tgt Ion:172 Resp: 2879177
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.7 19.5 29.3

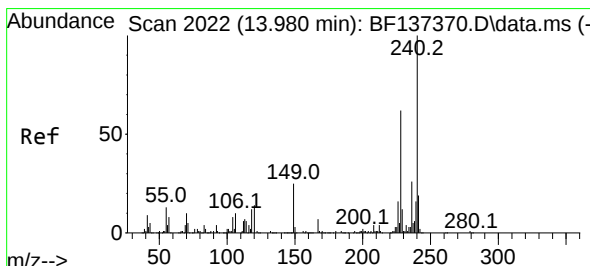
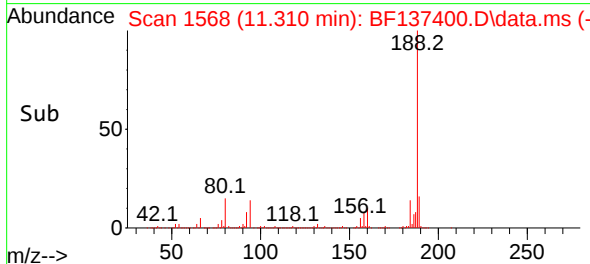
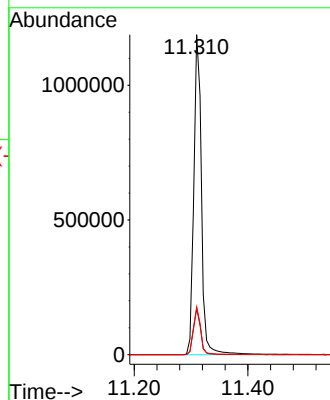
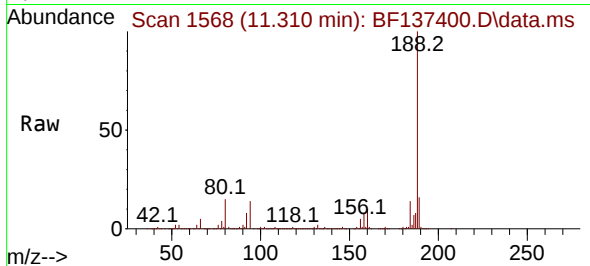




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137400.D
Acq: 27 Feb 2024 12:47

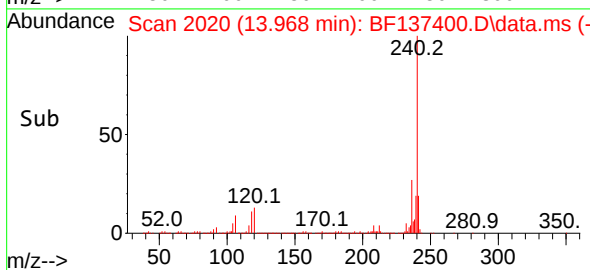
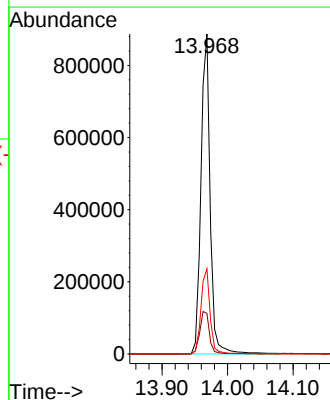
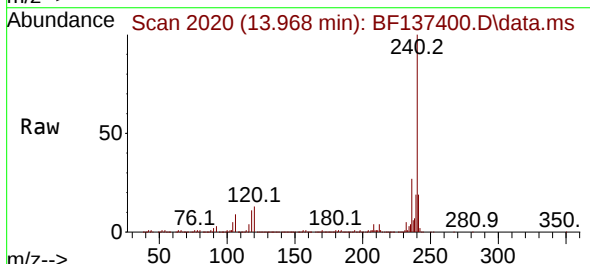
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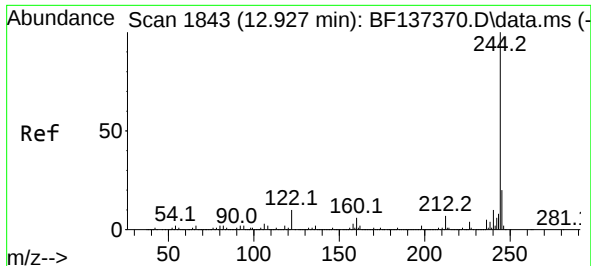
Tgt Ion:188 Resp: 1113216
Ion Ratio Lower Upper
188 100
94 14.4 10.2 15.2
80 15.0 10.7 16.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.012 min
Lab File: BF137400.D
Acq: 27 Feb 2024 12:47

Tgt Ion:240 Resp: 865765
Ion Ratio Lower Upper
240 100
120 12.7 11.3 16.9
236 26.6 20.5 30.7

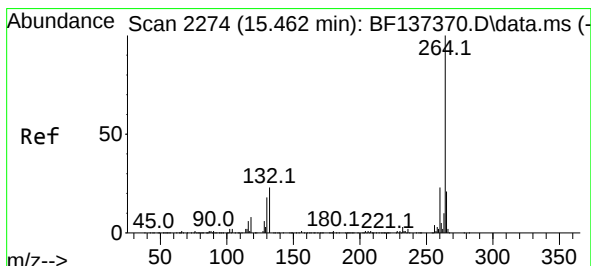
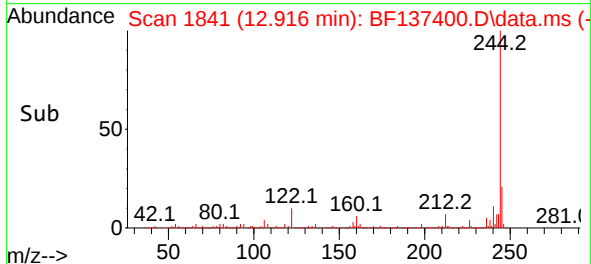
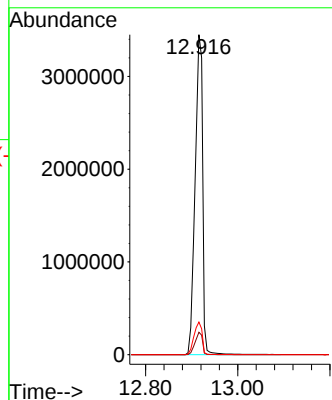
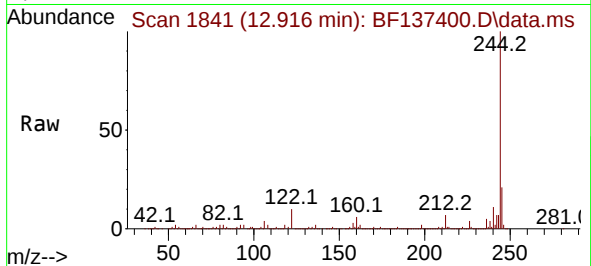




#79
 Terphenyl-d14
 Concen: 62.926 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF137400.D
 Acq: 27 Feb 2024 12:47

Instrument :
 BNA_F
 ClientSampleId :
 PB159259BL

Tgt Ion:244 Resp: 3895023
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.3 7.9
 122 10.2 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF137400.D
 Acq: 27 Feb 2024 12:47

Tgt Ion:264 Resp: 713828
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.5 27.7
 265 21.3 16.9 25.3

