

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022724\
 Data File : BF137403.D
 Acq On : 27 Feb 2024 14:15
 Operator : CG\JU
 Sample : SP6438
 Misc : 625.1 SURROGATE SOLUTION
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP6438

Quant Time: Feb 27 14:56:52 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	179386	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	751614	20.000	ng	-0.02
39) Acenaphthene-d10	9.822	164	420811	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	781185	20.000	ng	-0.02
76) Chrysene-d12	13.963	240	582294	20.000	ng	-0.02
86) Perylene-d12	15.451	264	461171	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1418198	121.989	ng	0.00
7) Phenol-d6	6.422	99	1914069	111.924	ng	-0.02
23) Nitrobenzene-d5	7.345	82	1680529	111.626	ng	-0.02
42) 2,4,6-Tribromophenol	10.616	330	418471	114.198	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	2742128	101.449	ng	-0.01
79) Terphenyl-d14	12.916	244	3523269	84.630	ng	-0.01

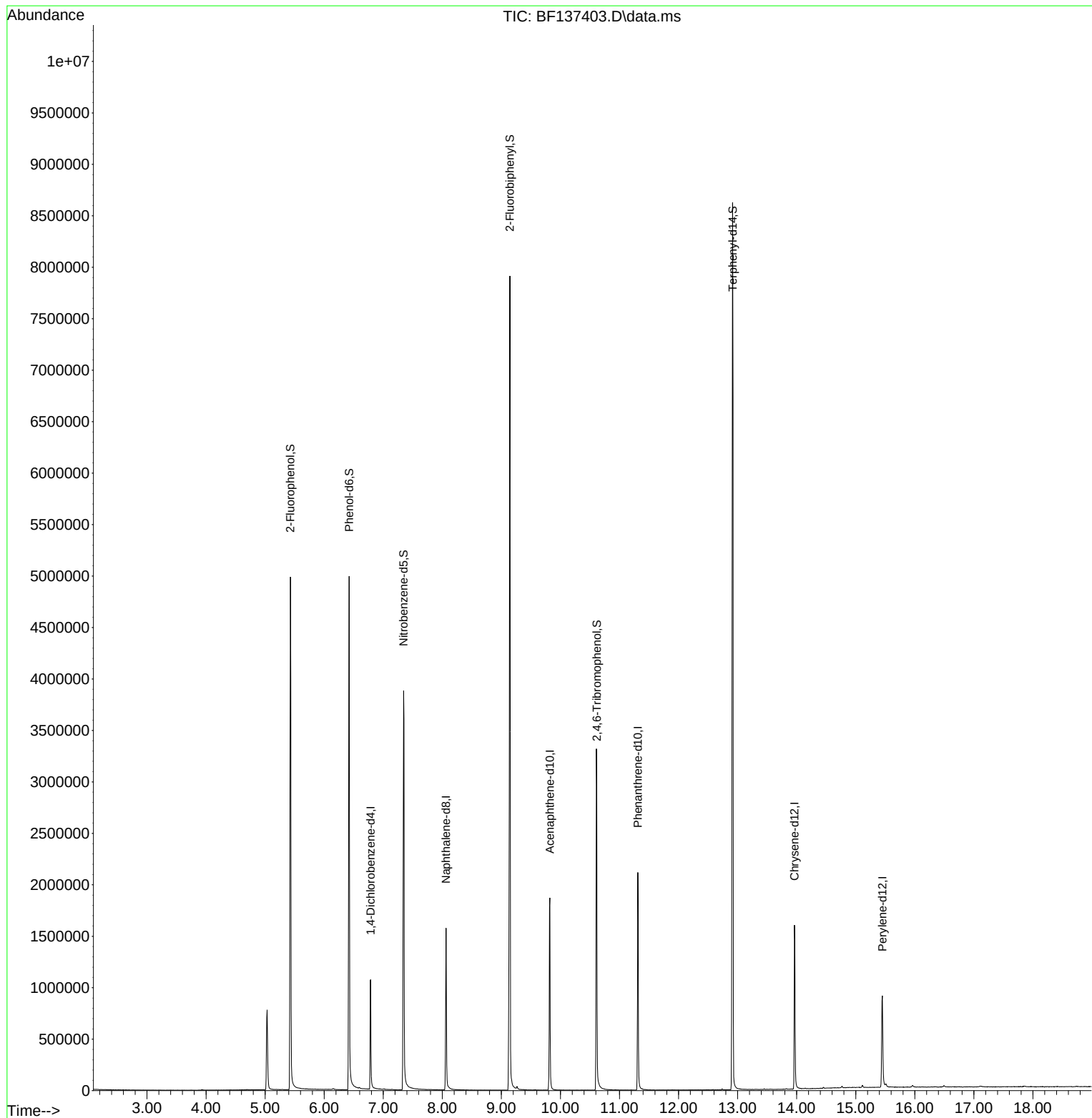
Target Compounds	Qvalue

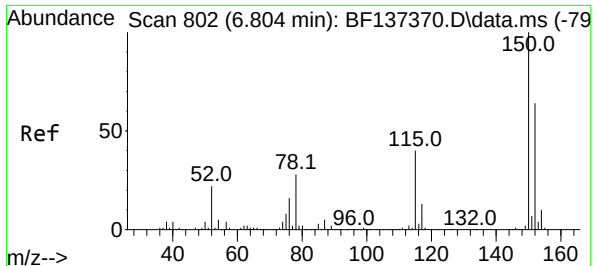
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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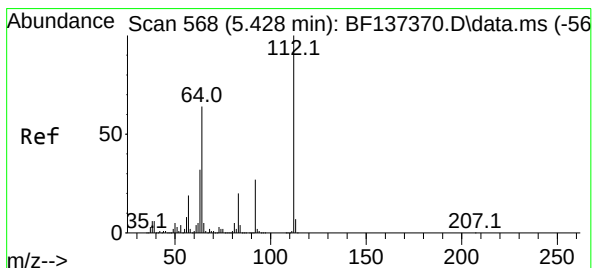
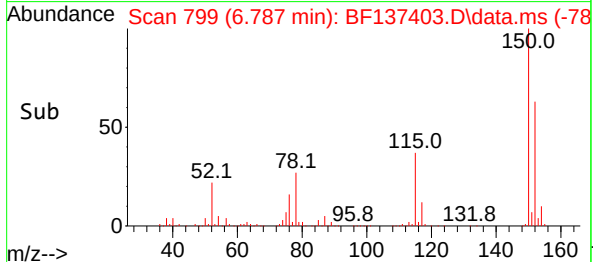
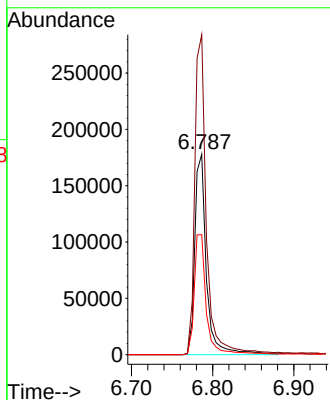
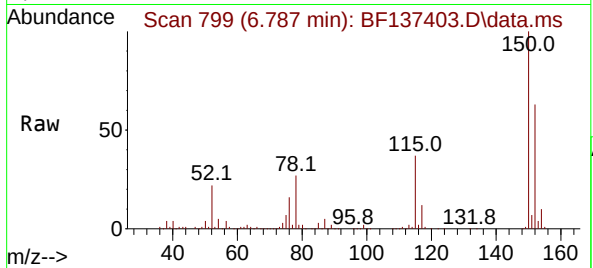




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.017 min
Lab File: BF137403.D
Acq: 27 Feb 2024 14:15

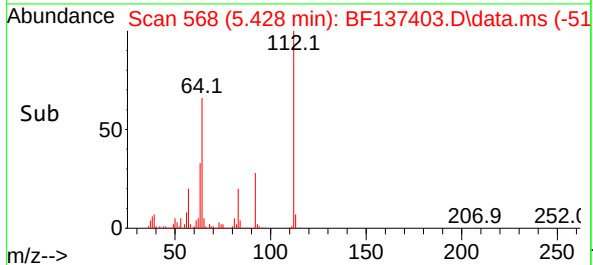
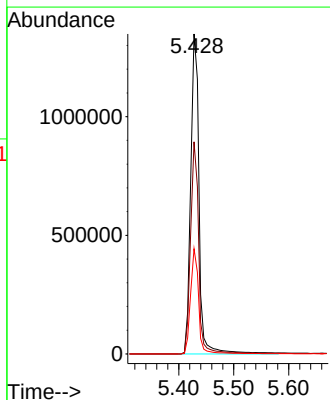
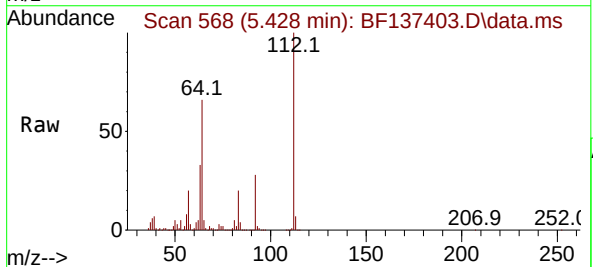
Instrument :
BNA_F
ClientSampleId :
SP6438

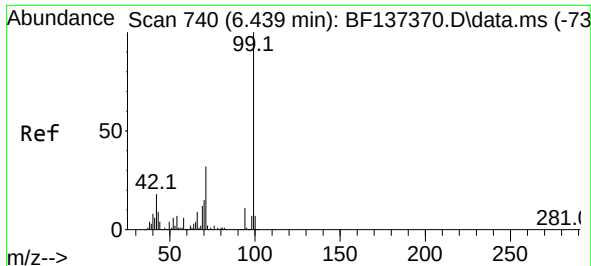
Tgt Ion:152 Resp: 179386
Ion Ratio Lower Upper
152 100
150 159.6 125.7 188.5
115 59.8 49.8 74.8



#5
2-Fluorophenol
Concen: 121.989 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137403.D
Acq: 27 Feb 2024 14:15

Tgt Ion:112 Resp: 1418198
Ion Ratio Lower Upper
112 100
64 66.3 51.0 76.6
63 32.9 25.7 38.5

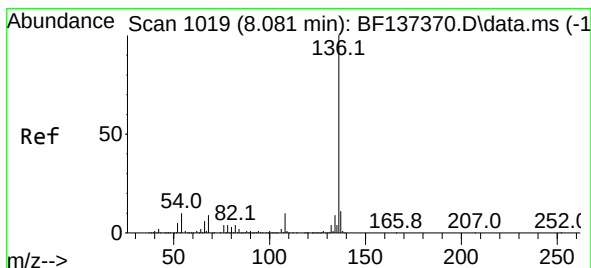
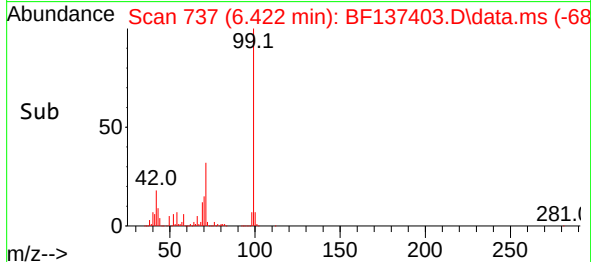
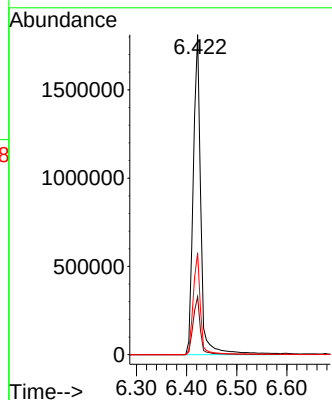
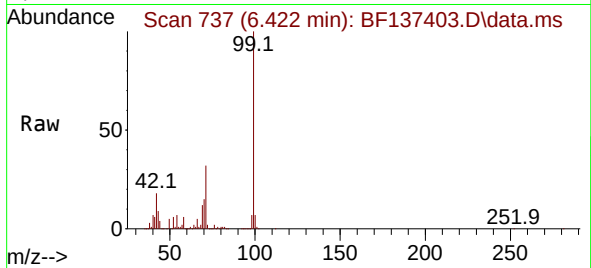




#7
Phenol-d6
Concen: 111.924 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF137403.D
Acq: 27 Feb 2024 14:15

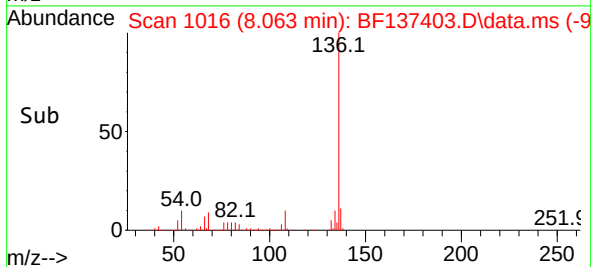
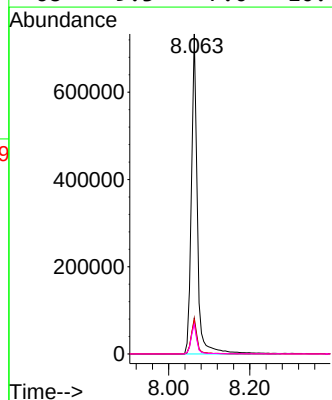
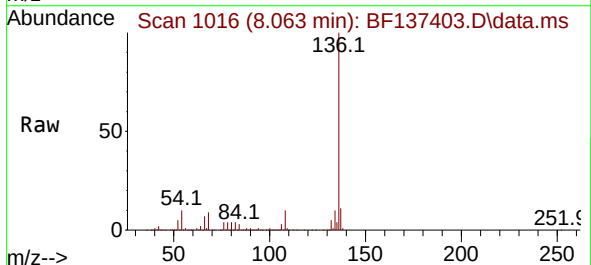
Instrument :
BNA_F
ClientSampleId :
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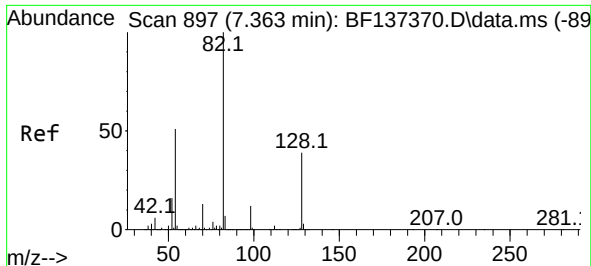
Tgt Ion: 99 Resp: 1914069
Ion Ratio Lower Upper
99 100
42 18.1 14.2 21.4
71 31.9 25.2 37.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.018 min
Lab File: BF137403.D
Acq: 27 Feb 2024 14:15

Tgt Ion: 136 Resp: 751614
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.4 7.8 11.6
68 9.3 7.0 10.4

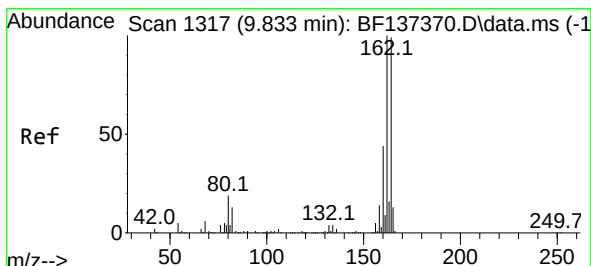
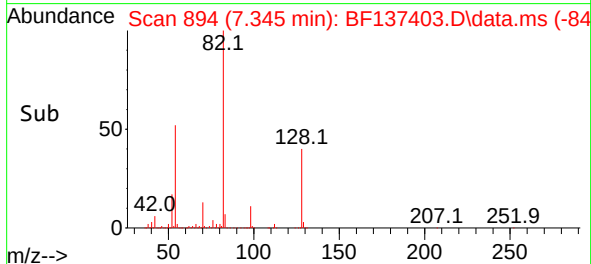
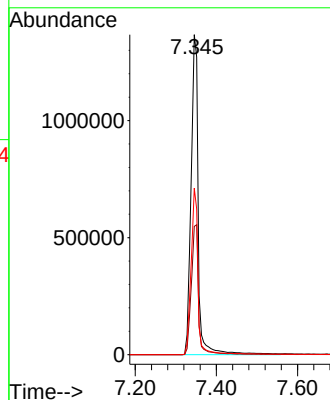
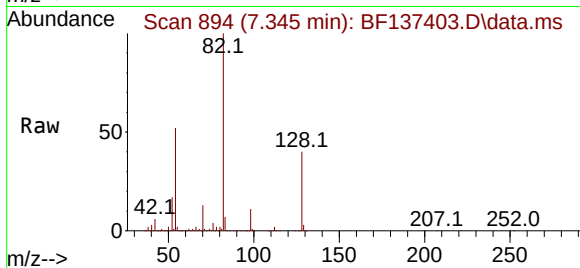




#23
Nitrobenzene-d5
Concen: 111.626 ng
RT: 7.345 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF137403.D
Acq: 27 Feb 2024 14:15

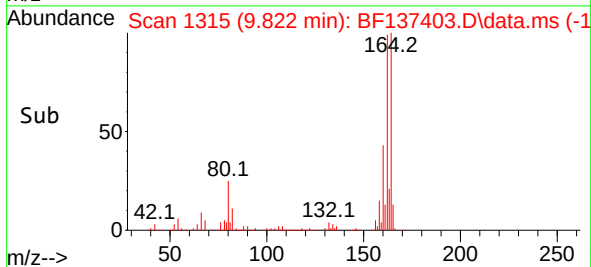
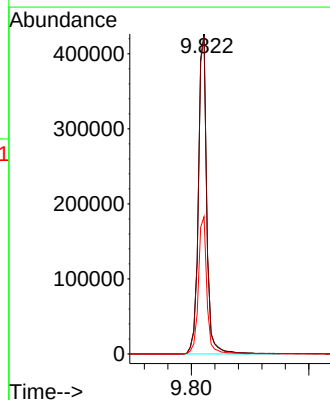
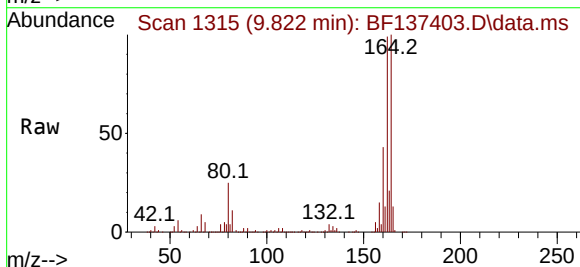
Instrument :
BNA_F
ClientSampleId :
SP6438

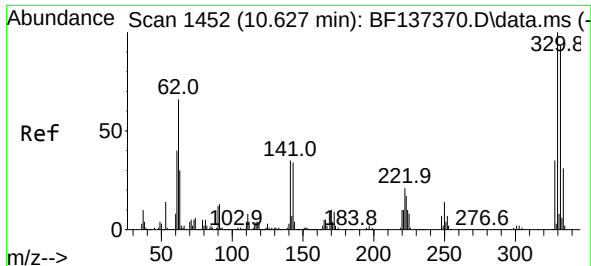
Tgt Ion: 82 Resp: 1680529
Ion Ratio Lower Upper
82 100
128 40.1 30.8 46.2
54 52.1 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.012 min
Lab File: BF137403.D
Acq: 27 Feb 2024 14:15

Tgt Ion:164 Resp: 420811
Ion Ratio Lower Upper
164 100
162 99.2 81.2 121.8
160 42.9 35.7 53.5

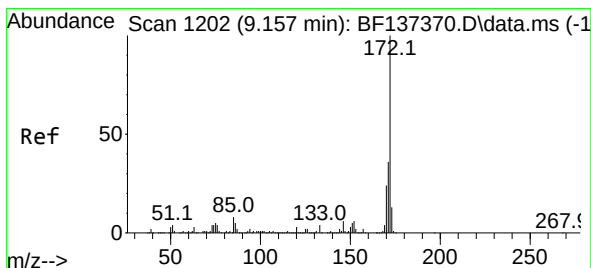
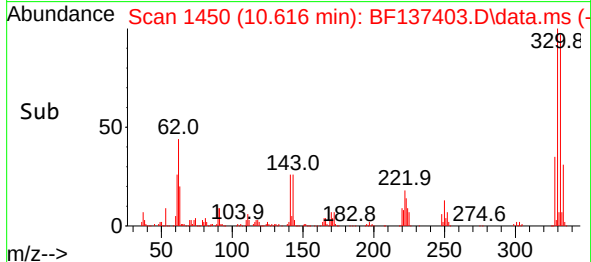
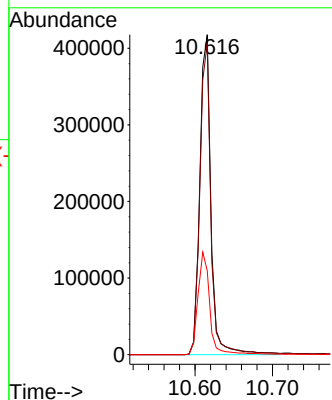
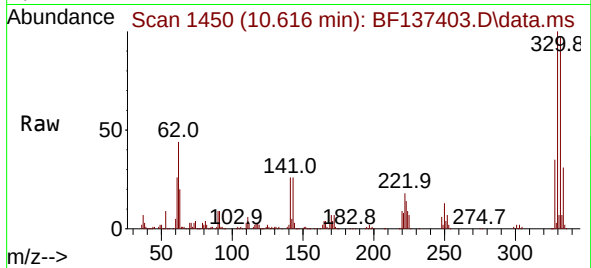




#42
2,4,6-Tribromophenol
Concen: 114.198 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF137403.D
Acq: 27 Feb 2024 14:15

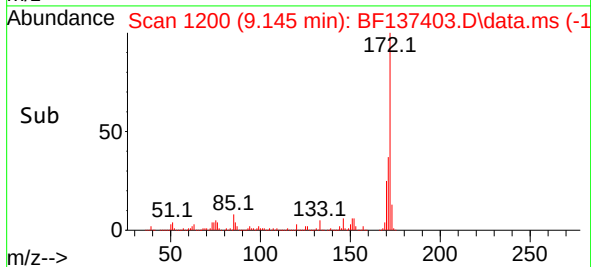
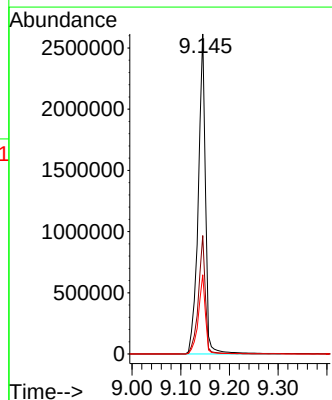
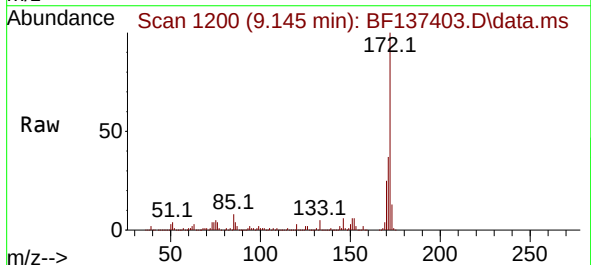
Instrument :
BNA_F
ClientSampleId :
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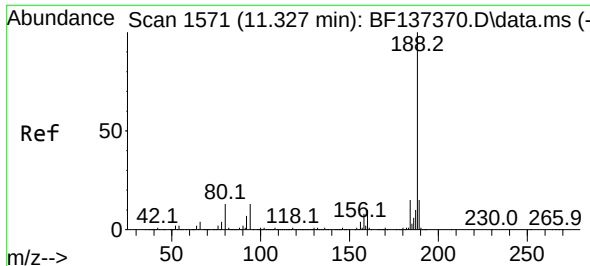
Tgt Ion:330 Resp: 418471
Ion Ratio Lower Upper
330 100
332 97.3 75.6 113.4
141 34.1 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 101.449 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF137403.D
Acq: 27 Feb 2024 14:15

Tgt Ion:172 Resp: 2742128
Ion Ratio Lower Upper
172 100
171 37.0 28.7 43.1
170 24.7 19.5 29.3

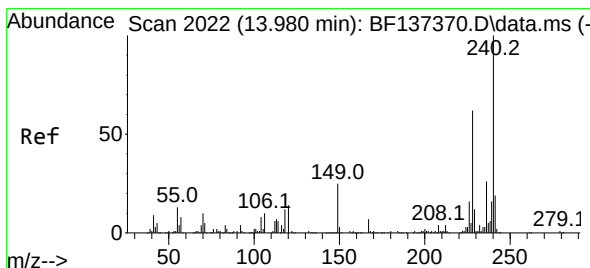
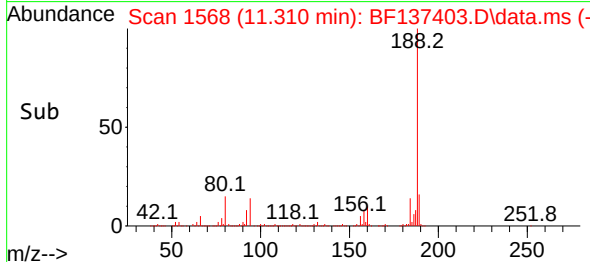
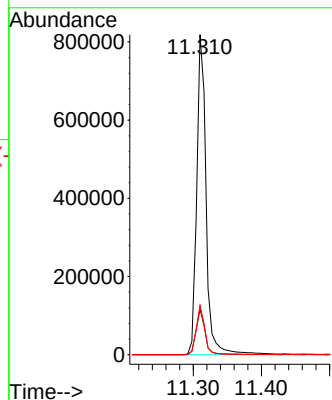
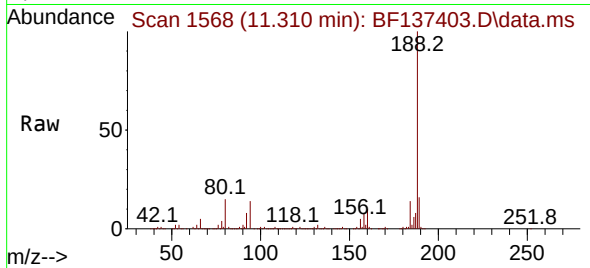




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF137403.D
Acq: 27 Feb 2024 14:15

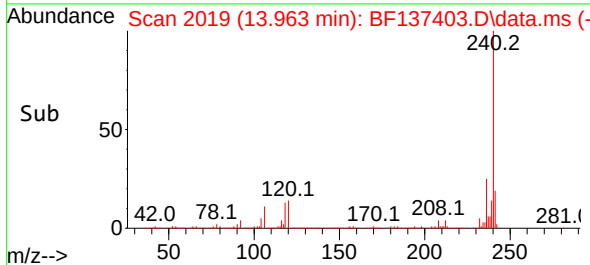
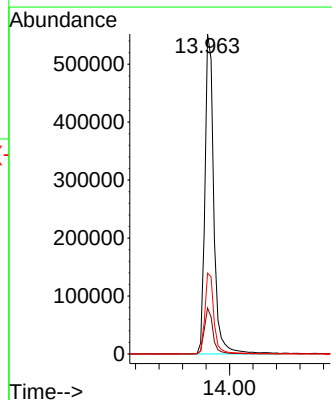
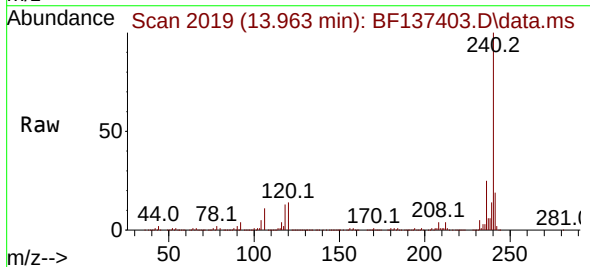
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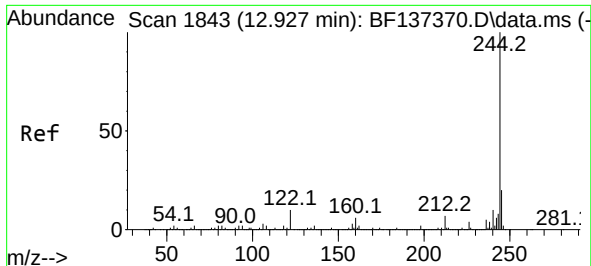
Tgt Ion:188 Resp: 781185
Ion Ratio Lower Upper
188 100
94 14.1 10.2 15.2
80 15.4 10.7 16.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.018 min
Lab File: BF137403.D
Acq: 27 Feb 2024 14:15

Tgt Ion:240 Resp: 582294
Ion Ratio Lower Upper
240 100
120 14.4 11.3 16.9
236 25.2 20.5 30.7

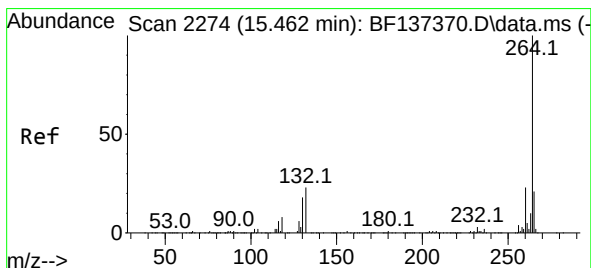
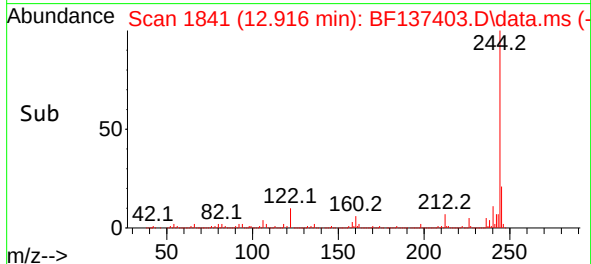
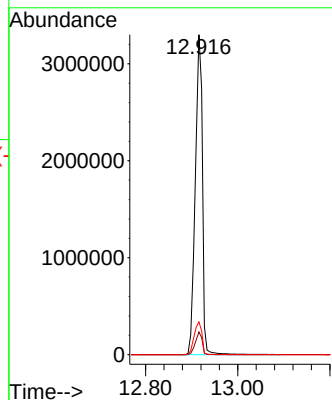
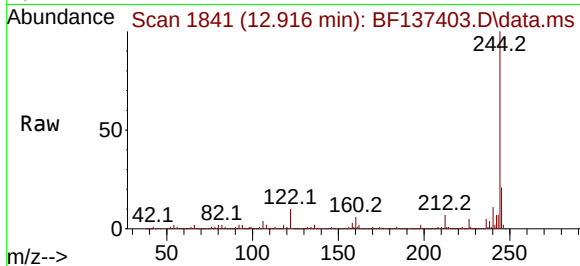




#79
 Terphenyl-d14
 Concen: 84.630 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF137403.D
 Acq: 27 Feb 2024 14:15

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 3523269
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.3 7.9
 122 10.3 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: BF137403.D
 Acq: 27 Feb 2024 14:15

Tgt Ion:264 Resp: 461171
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.5 27.7
 265 21.0 16.9 25.3

