

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137378.D
Acq On : 26 Feb 2024 11:20
Operator : CG\JU
Sample : PB159212BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB159212BL

Quant Time: Feb 26 11:52:09 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	6.798	152	224660	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	915558	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	517097	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	996567	20.000	ng	0.00
76) Chrysene-d12	13.974	240	730327	20.000	ng	0.00
86) Perylene-d12	15.457	264	558636	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1852473	127.233	ng	0.01
7) Phenol-d6	6.440	99	2494582	116.474	ng	0.00
23) Nitrobenzene-d5	7.363	82	1498555	81.715	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	613587	136.265	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2572190	77.442	ng	0.00
79) Terphenyl-d14	12.927	244	3556518	68.113	ng	0.00

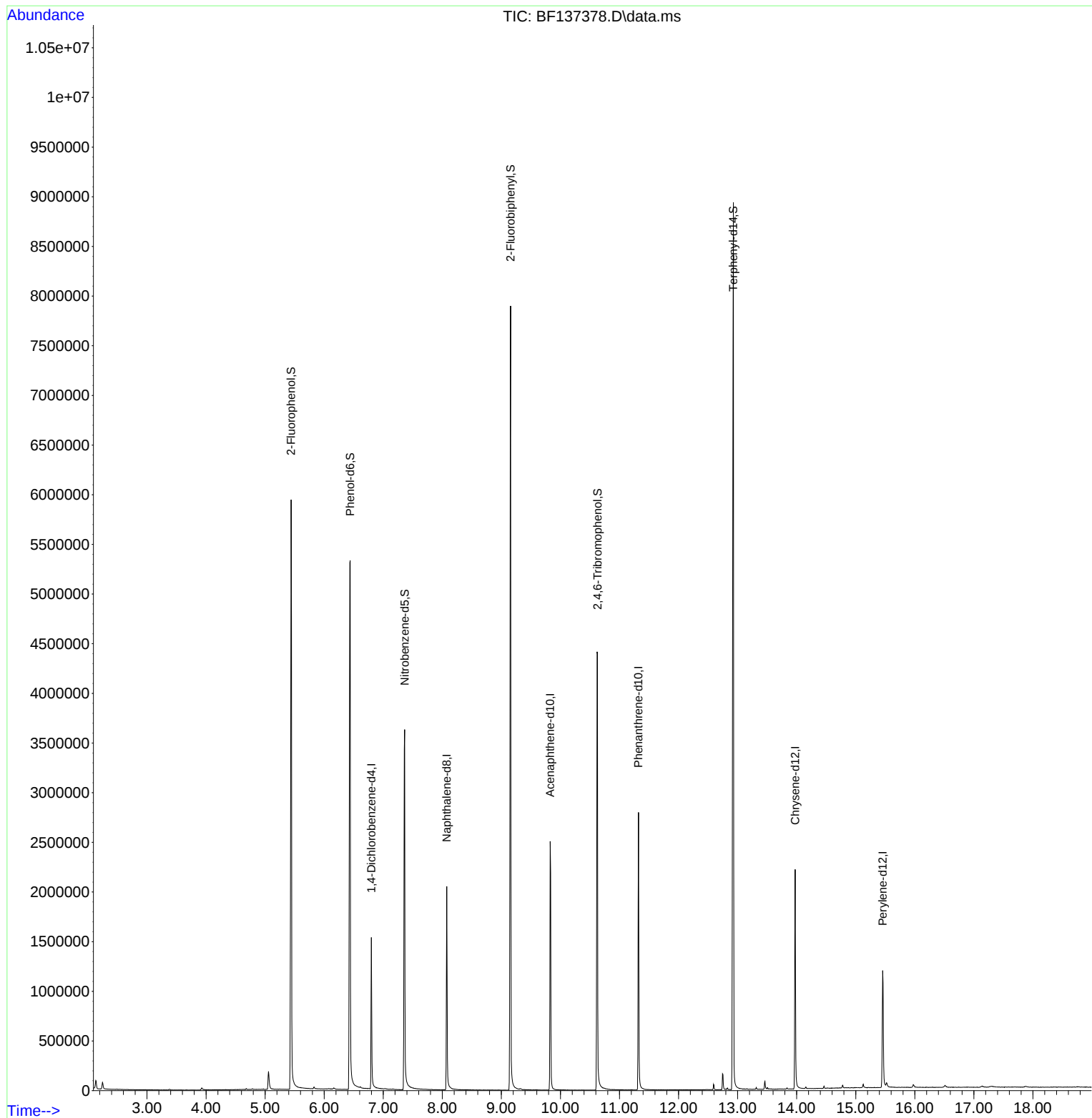
Target Compounds	Qvalue

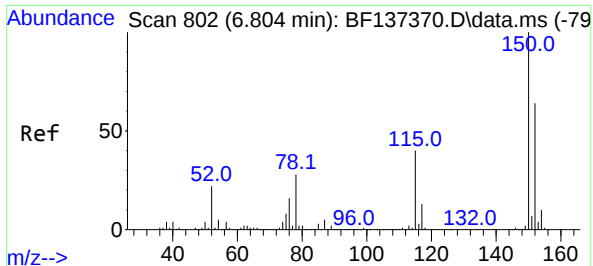
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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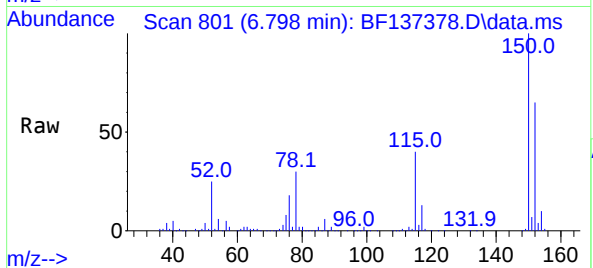
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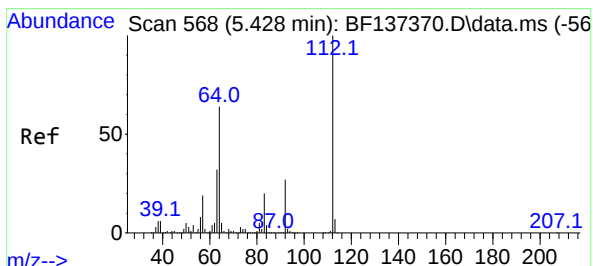
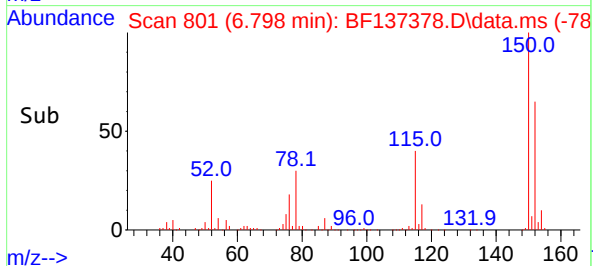
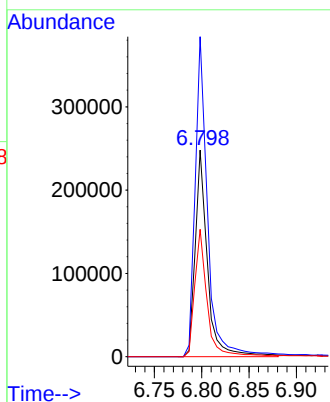


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

Instrument :
BNA_F
ClientSampleId :
PB159212BL

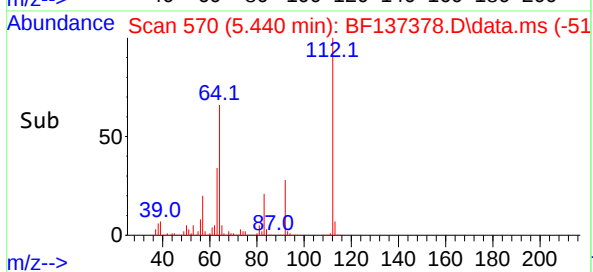
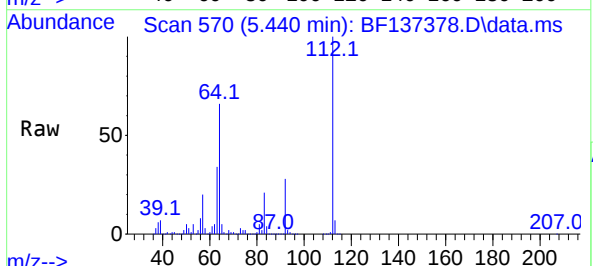
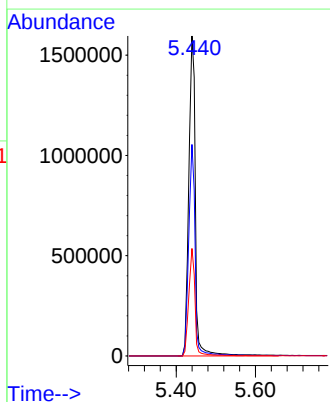


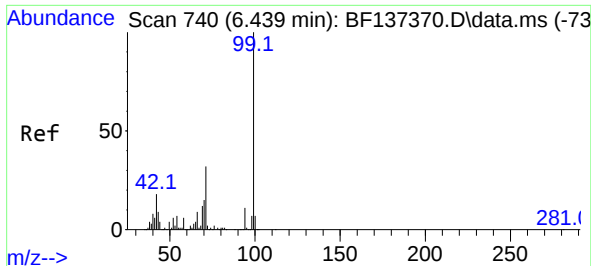
Tgt Ion:152 Resp: 224660
Ion Ratio Lower Upper
152 100
150 154.9 125.7 188.5
115 61.6 49.8 74.8



#5
2-Fluorophenol
Concen: 127.233 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

Tgt Ion:112 Resp: 1852473
Ion Ratio Lower Upper
112 100
64 66.1 51.0 76.6
63 33.6 25.7 38.5



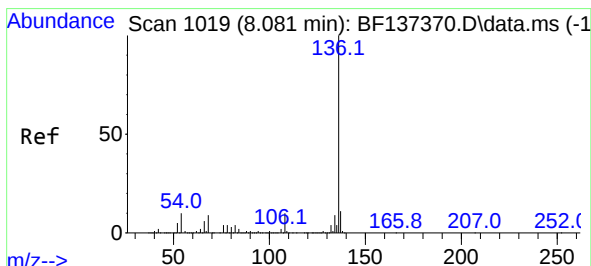
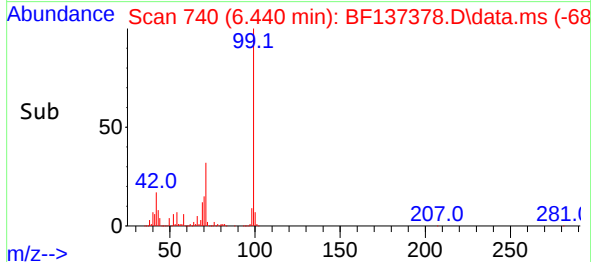
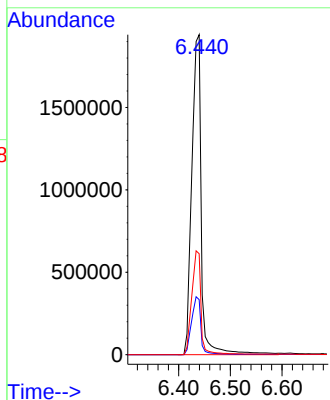
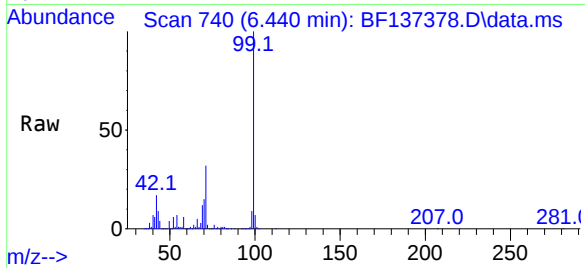


#7
Phenol-d6
Concen: 116.474 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

Instrument :
BNA_F
ClientSampleId :
PB159212BL

Tgt Ion: 99 Resp: 2494582

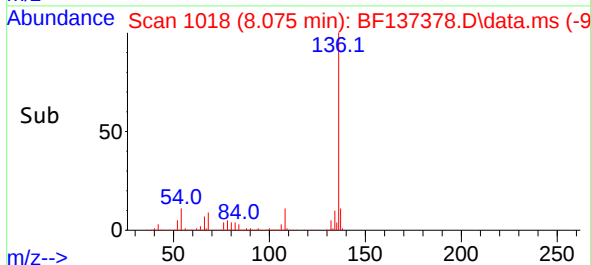
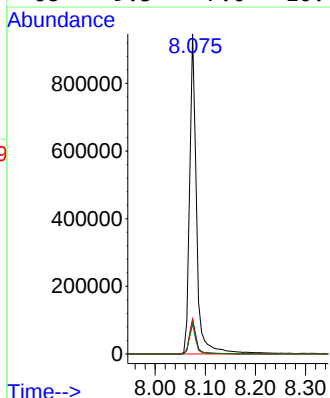
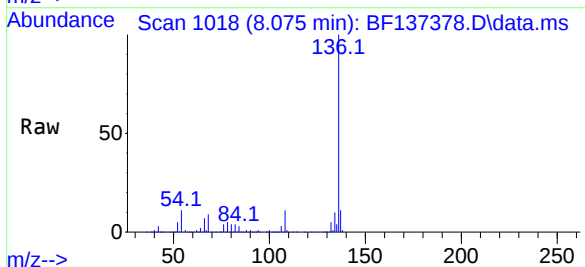
Ion	Ratio	Lower	Upper
99	100		
42	17.2	14.2	21.4
71	31.6	25.2	37.8

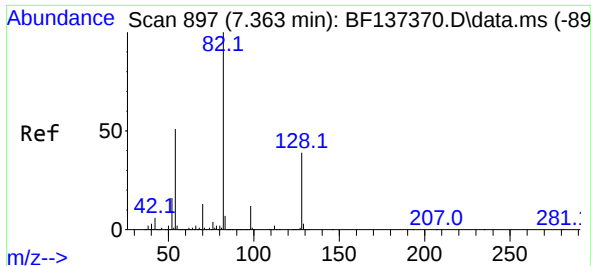


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

Tgt Ion:136 Resp: 915558

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	10.8	7.8	11.6
68	9.3	7.0	10.4

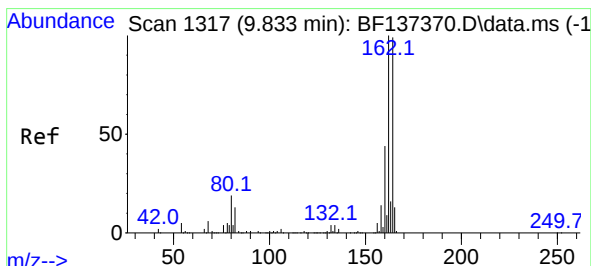
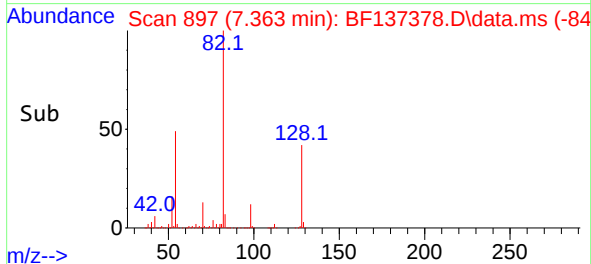
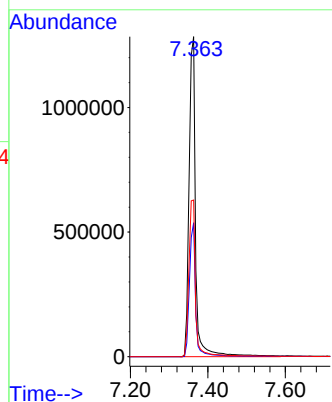
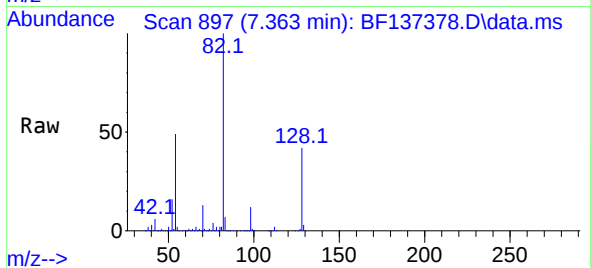




#23
Nitrobenzene-d5
Concen: 81.715 ng
RT: 7.363 min Scan# 897
Delta R.T. 0.000 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

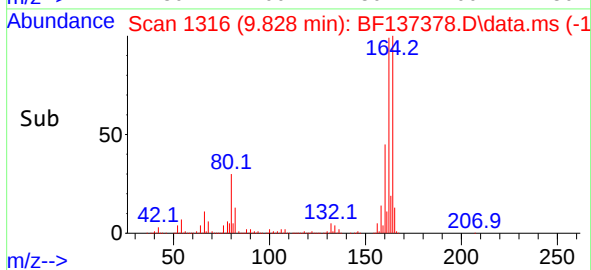
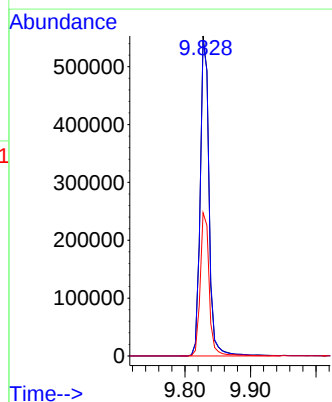
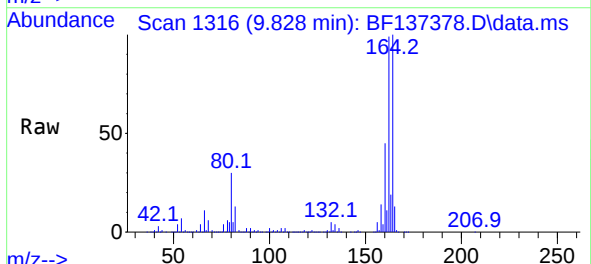
Instrument :
BNA_F
ClientSampleId :
PB159212BL

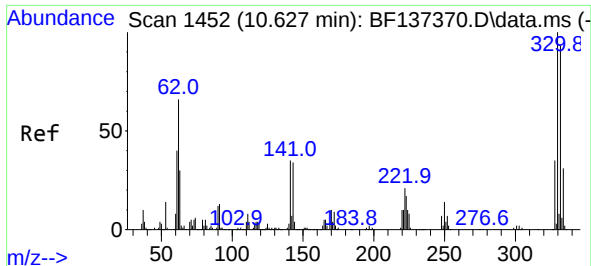
Tgt Ion: 82 Resp: 1498555
Ion Ratio Lower Upper
82 100
128 41.9 30.8 46.2
54 48.9 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

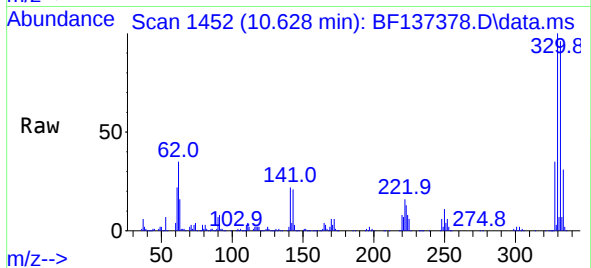
Tgt Ion: 164 Resp: 517097
Ion Ratio Lower Upper
164 100
162 98.6 81.2 121.8
160 44.7 35.7 53.5



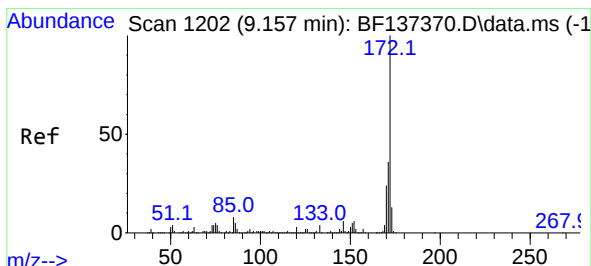
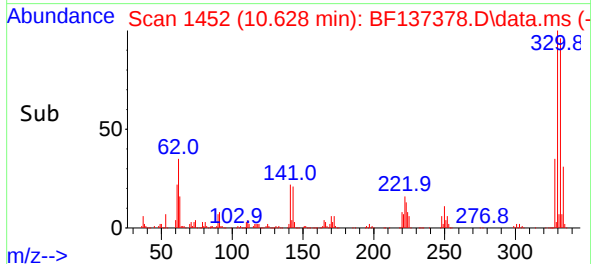
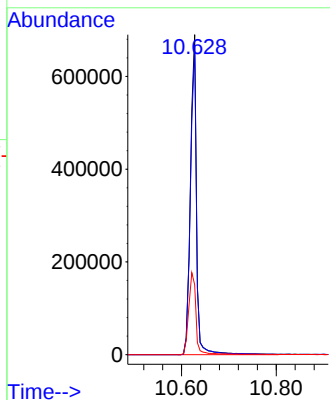


#42
2,4,6-Tribromophenol
Concen: 136.265 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.000 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

Instrument :
BNA_F
ClientSampleId :
PB159212BL

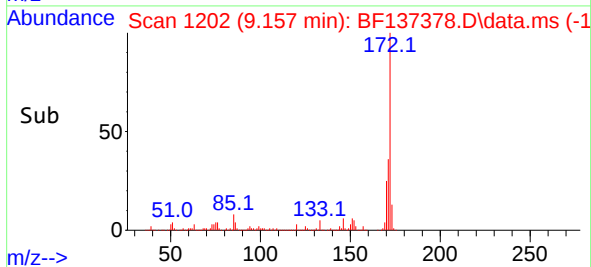
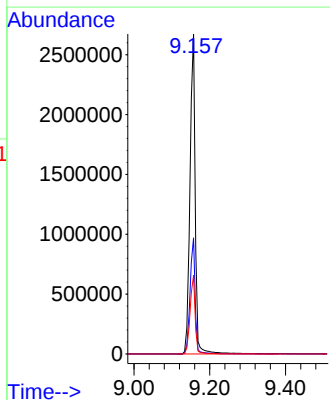
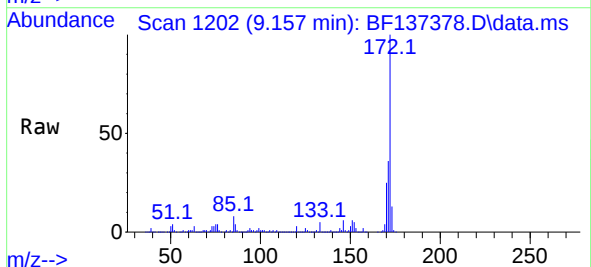


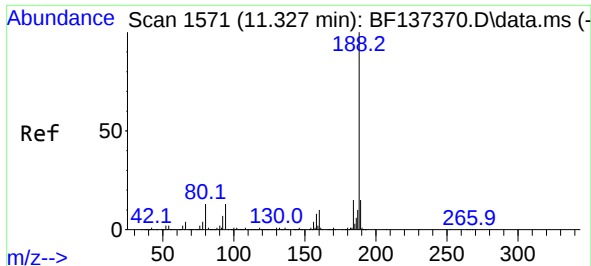
Tgt Ion:330 Resp: 613587
Ion Ratio Lower Upper
330 100
332 95.4 75.6 113.4
141 31.0 28.6 42.8



#45
2-Fluorobiphenyl
Concen: 77.442 ng
RT: 9.157 min Scan# 1202
Delta R.T. 0.000 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

Tgt Ion:172 Resp: 2572190
Ion Ratio Lower Upper
172 100
171 36.3 28.7 43.1
170 24.5 19.5 29.3

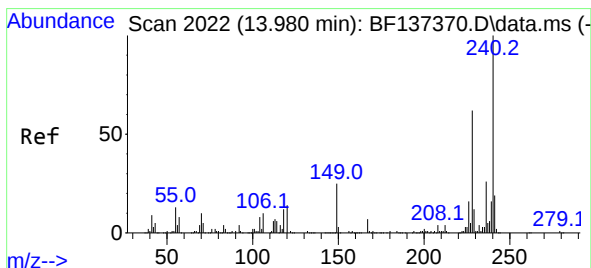
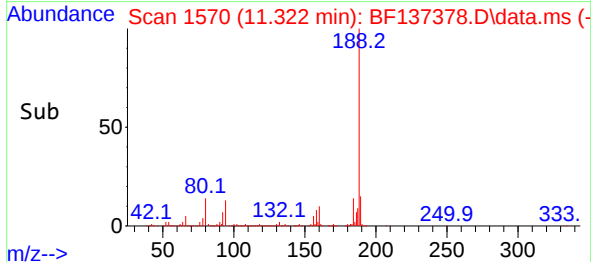
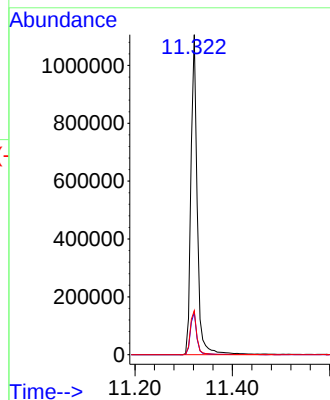
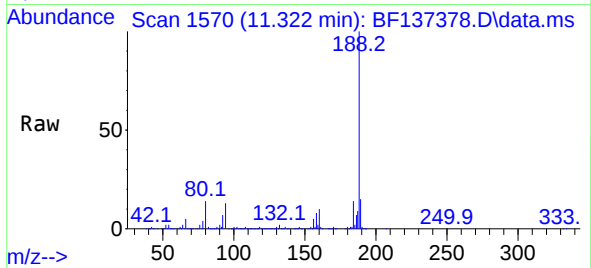




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

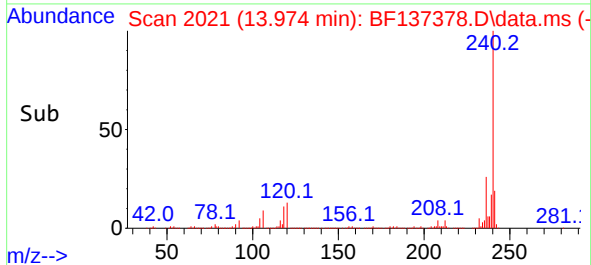
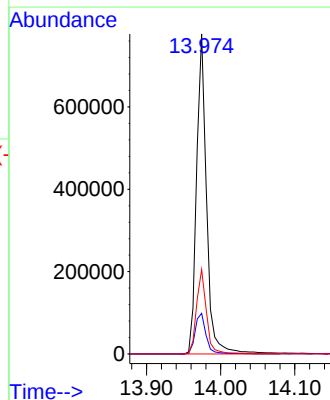
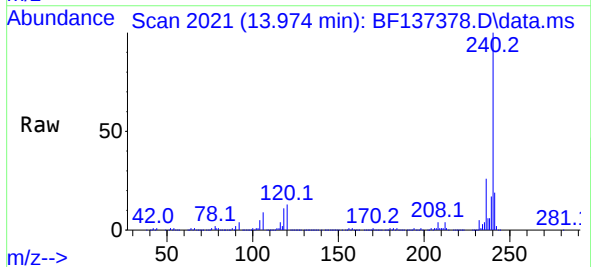
Instrument :
BNA_F
ClientSampleId :
PB159212BL

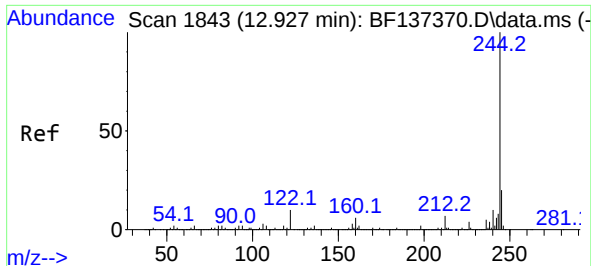
Tgt Ion:188 Resp: 996567
Ion Ratio Lower Upper
188 100
94 13.3 10.2 15.2
80 13.8 10.7 16.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF137378.D
Acq: 26 Feb 2024 11:20

Tgt Ion:240 Resp: 730327
Ion Ratio Lower Upper
240 100
120 12.7 11.3 16.9
236 26.4 20.5 30.7

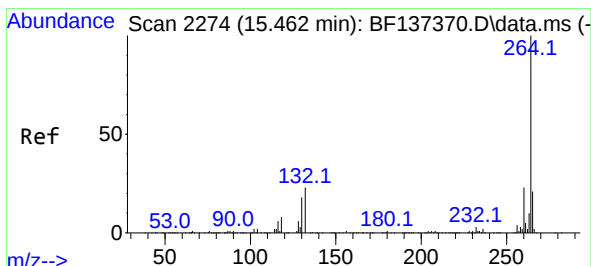
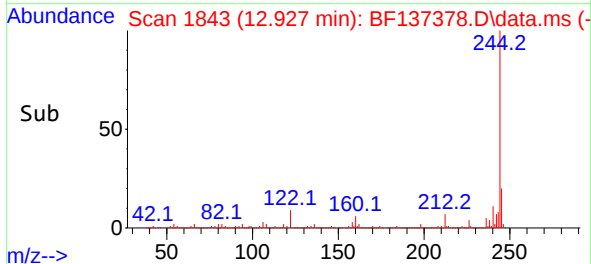
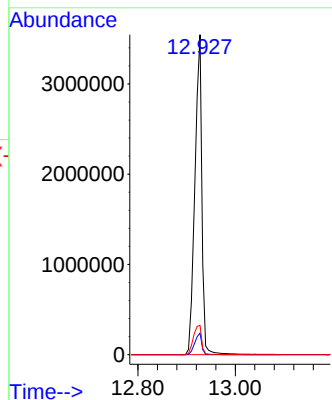
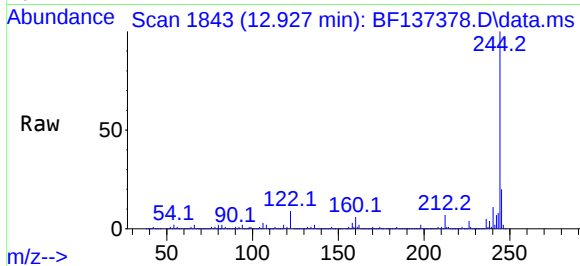




#79
 Terphenyl-d14
 Concen: 68.113 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: BF137378.D
 Acq: 26 Feb 2024 11:20

Instrument :
 BNA_F
 ClientSampleId :
 PB159212BL

Tgt Ion:244 Resp: 3556518
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.3 7.9
 122 9.1 8.2 12.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF137378.D
 Acq: 26 Feb 2024 11:20

Tgt Ion:264 Resp: 558636
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.5 27.7
 265 21.6 16.9 25.3

