

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF136990.D
 Acq On : 08 Jan 2024 11:10
 Operator : CG\JU
 Sample : PB158264BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158264BL

Quant Time: Jan 08 11:54:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	84218	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	326429	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	171634	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	341483	20.000	ng	0.00
76) Chrysene-d12	13.968	240	197904	20.000	ng	0.00
86) Perylene-d12	15.457	264	157052	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	754788	139.838	ng	0.02
7) Phenol-d6	6.445	99	940647	134.494	ng	0.00
23) Nitrobenzene-d5	7.351	82	600784	94.179	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	272401	134.760	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1192706	93.465	ng	0.00
79) Terphenyl-d14	12.916	244	1347083	95.122	ng	0.00

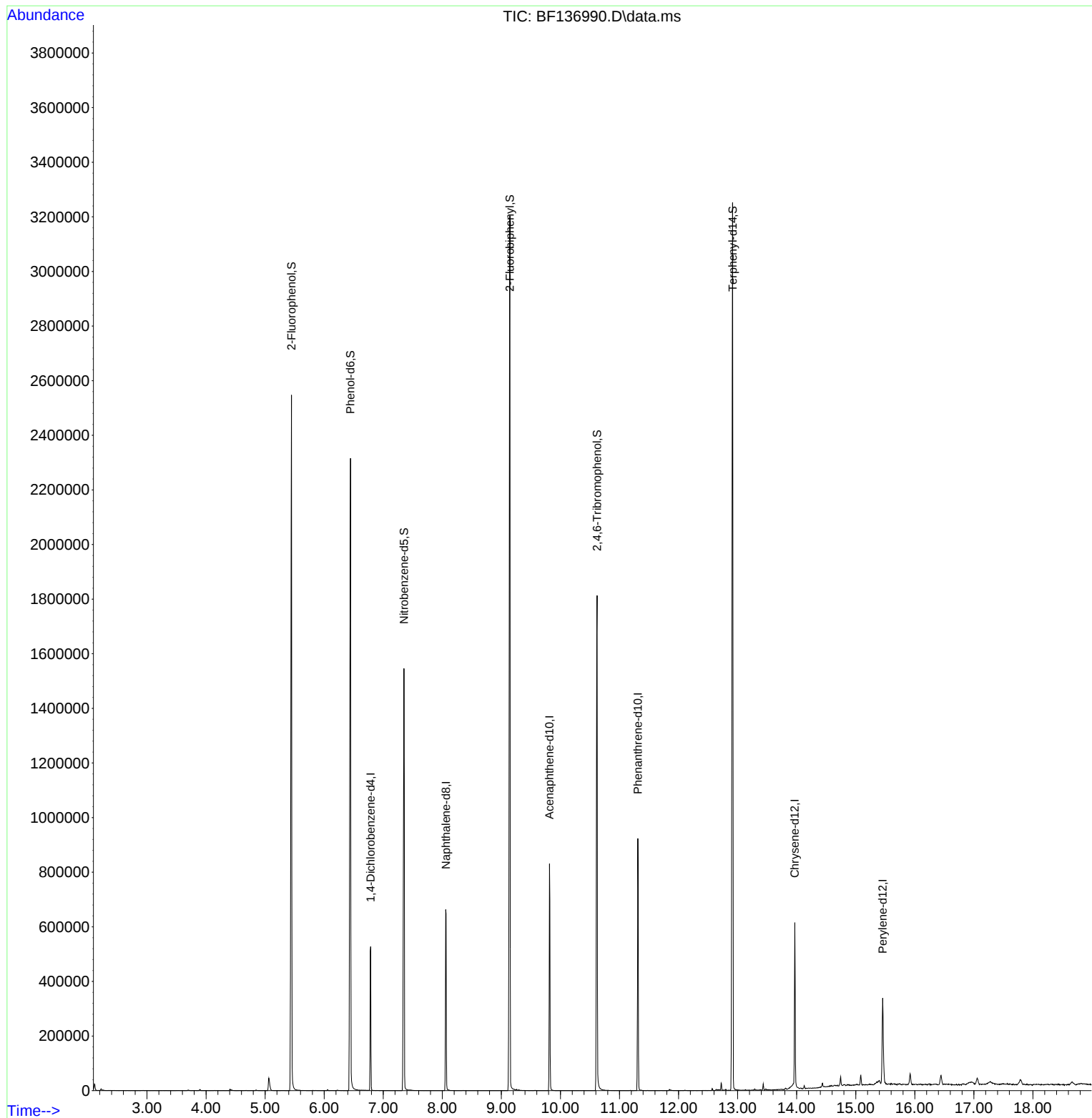
Target Compounds	Qvalue

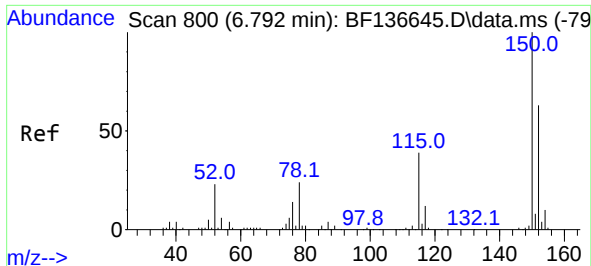
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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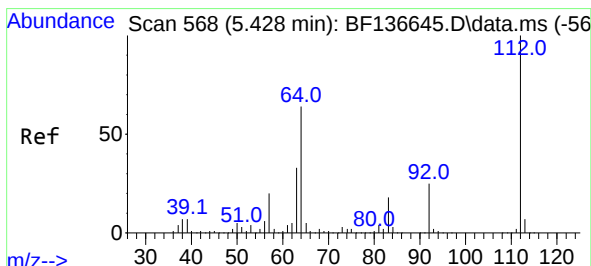
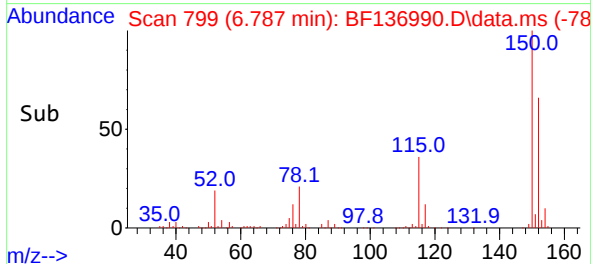
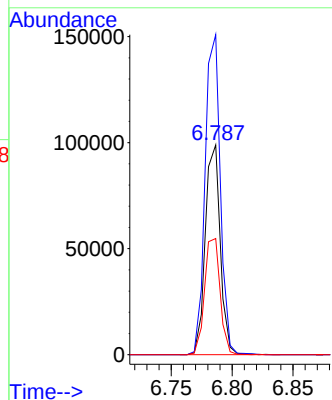
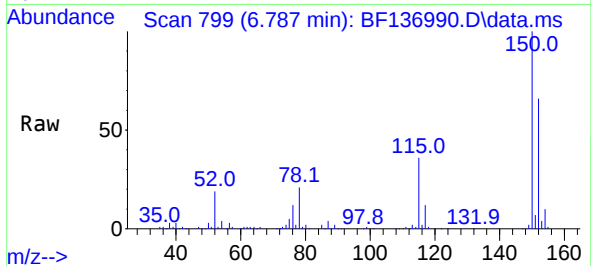




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

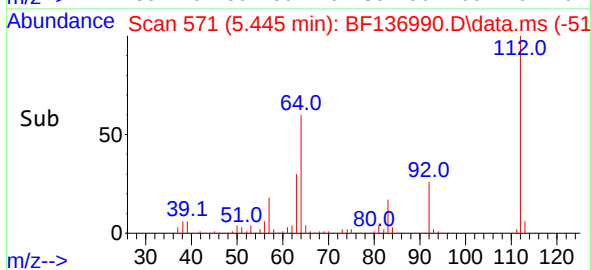
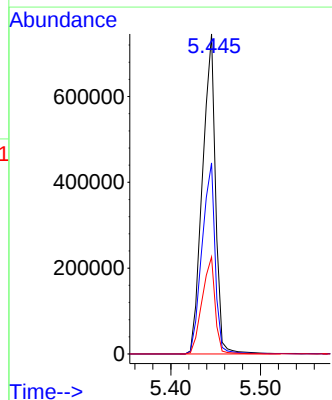
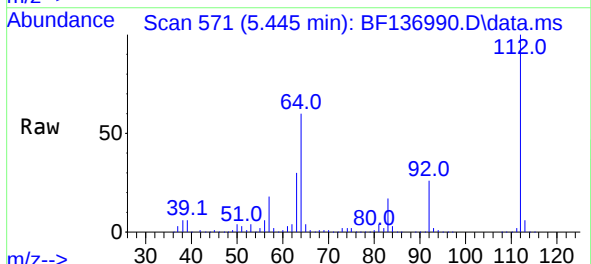
Instrument :
BNA_F
ClientSampleId :
PB158264BL

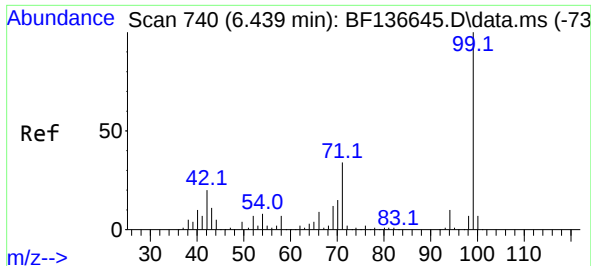
Tgt Ion:152 Resp: 84218
Ion Ratio Lower Upper
152 100
150 152.6 127.0 190.6
115 55.4 49.0 73.4



#5
2-Fluorophenol
Concen: 139.838 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

Tgt Ion:112 Resp: 754788
Ion Ratio Lower Upper
112 100
64 59.7 51.1 76.7
63 30.3 26.1 39.1



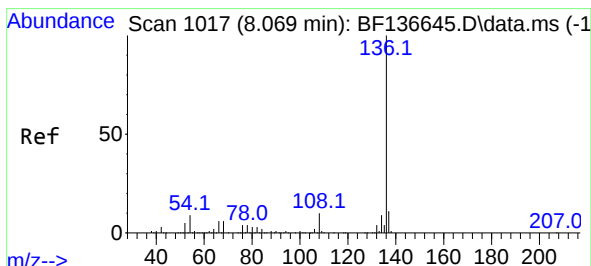
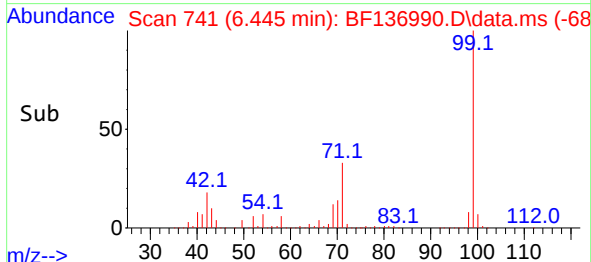
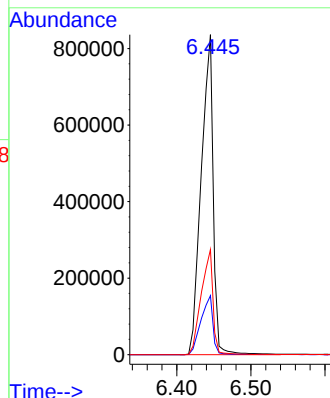
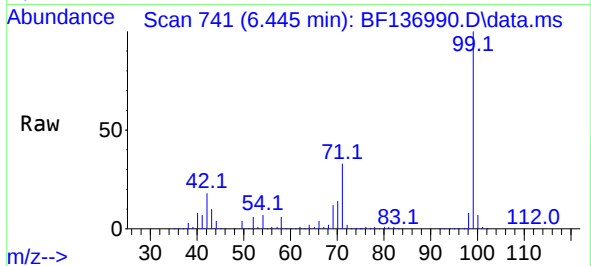


#7
Phenol-d6
Concen: 134.494 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

Instrument :
BNA_F
ClientSampleId :
PB158264BL

Tgt Ion: 99 Resp: 940647

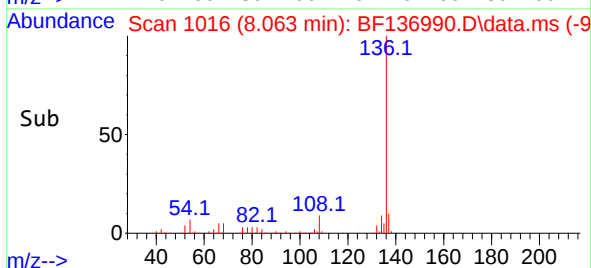
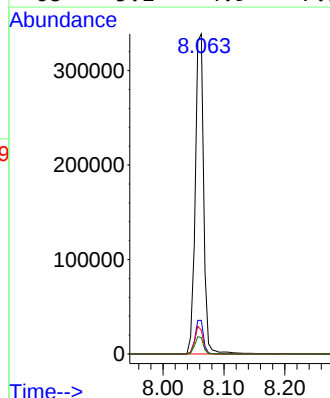
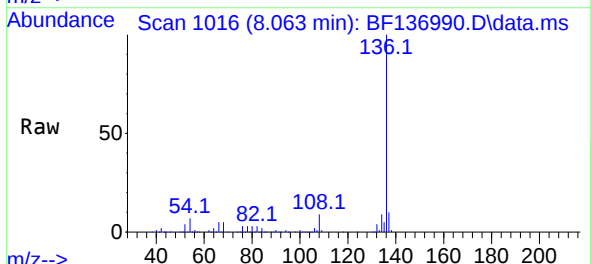
Ion	Ratio	Lower	Upper
99	100		
42	18.4	16.1	24.1
71	32.9	27.4	41.2

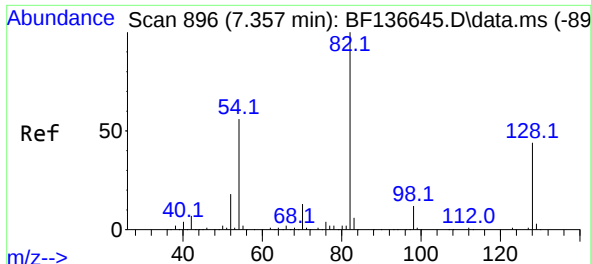


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

Tgt Ion: 136 Resp: 326429

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.4
54	7.4	7.2	10.8
68	5.1	4.9	7.3

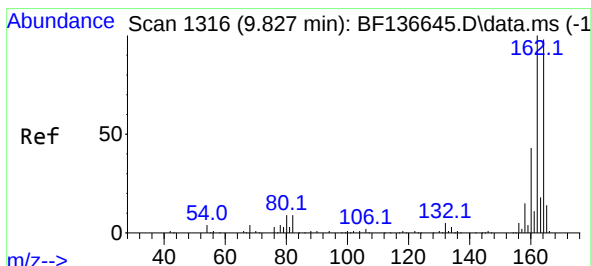
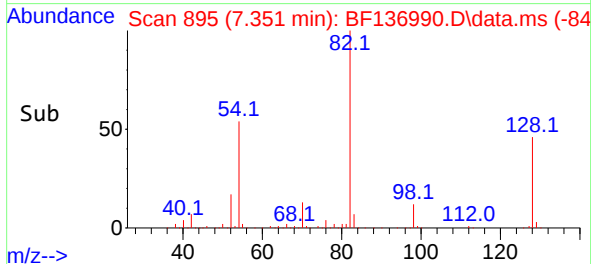
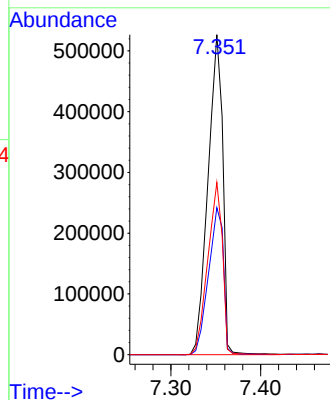
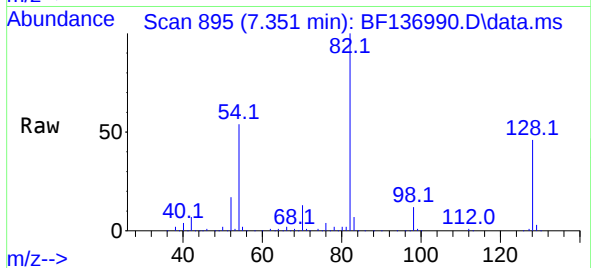




#23
 Nitrobenzene-d5
 Concen: 94.179 ng
 RT: 7.351 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BF136990.D
 Acq: 08 Jan 2024 11:10

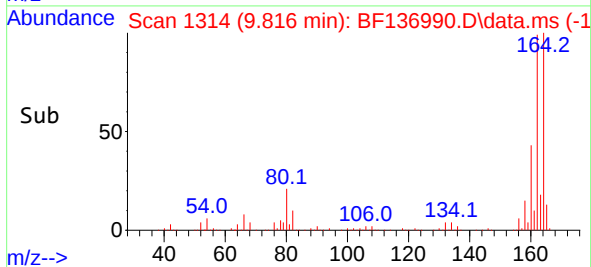
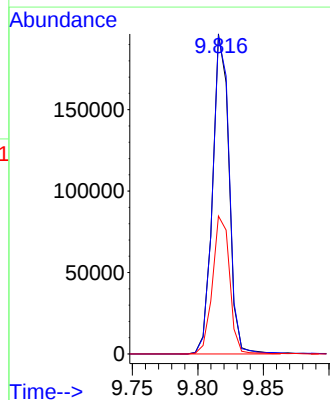
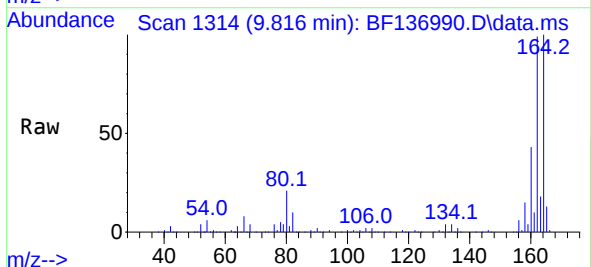
Instrument :
 BNA_F
 ClientSampleId :
 PB158264BL

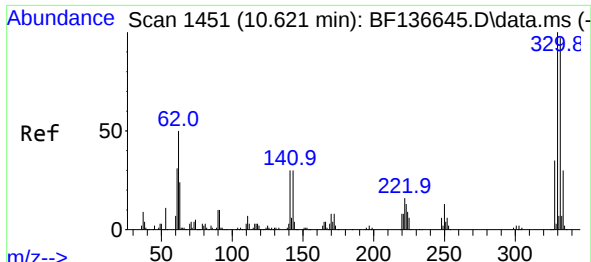
Tgt Ion: 82 Resp: 600784
 Ion Ratio Lower Upper
 82 100
 128 45.9 35.3 52.9
 54 53.8 44.5 66.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1314
 Delta R.T. -0.012 min
 Lab File: BF136990.D
 Acq: 08 Jan 2024 11:10

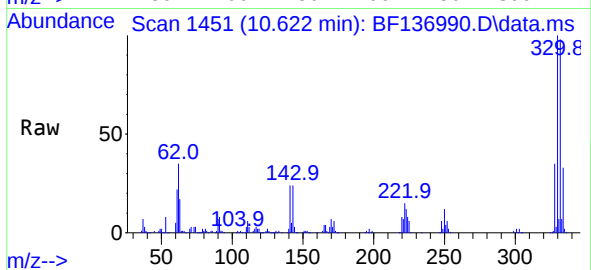
Tgt Ion: 164 Resp: 171634
 Ion Ratio Lower Upper
 164 100
 162 99.1 81.6 122.4
 160 43.1 34.9 52.3



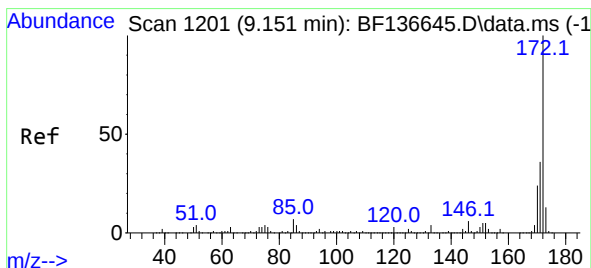
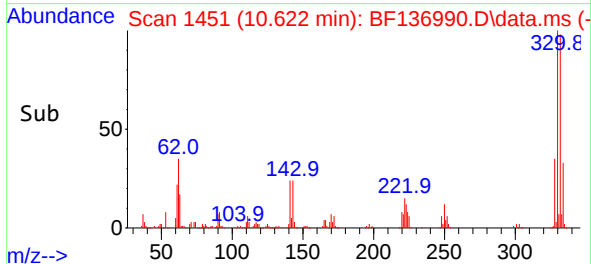
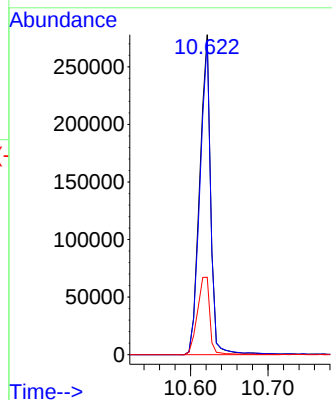


#42
2,4,6-Tribromophenol
Concen: 134.760 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

Instrument :
BNA_F
ClientSampleId :
PB158264BL

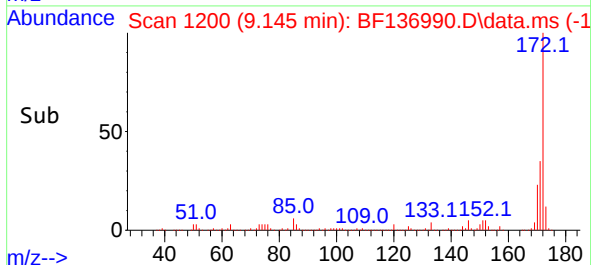
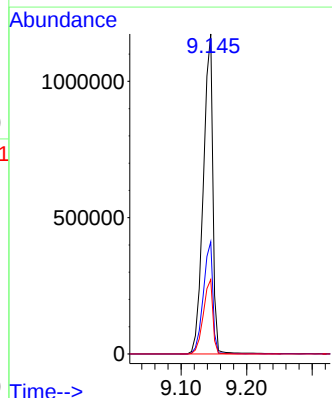
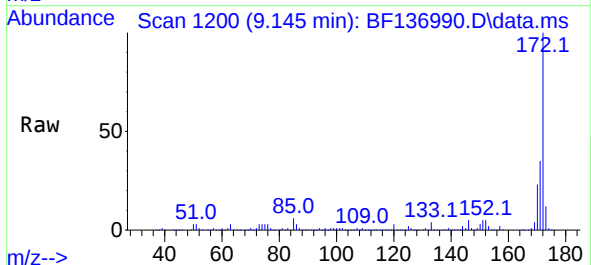


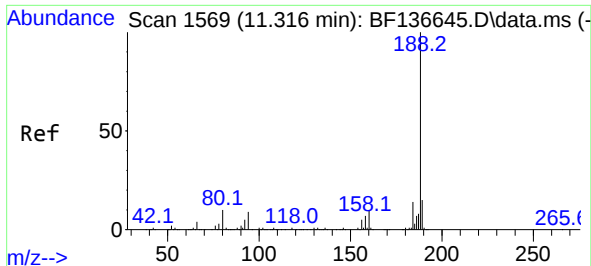
Tgt Ion:330 Resp: 272401
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 27.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 93.465 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

Tgt Ion:172 Resp: 1192706
Ion Ratio Lower Upper
172 100
171 35.0 29.0 43.6
170 23.3 19.0 28.4



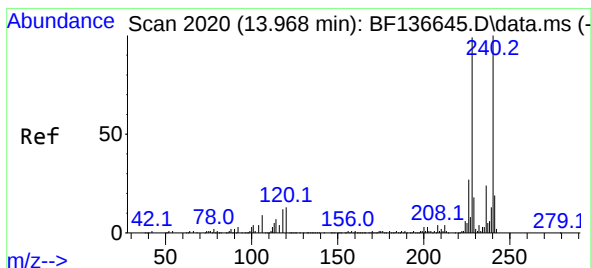
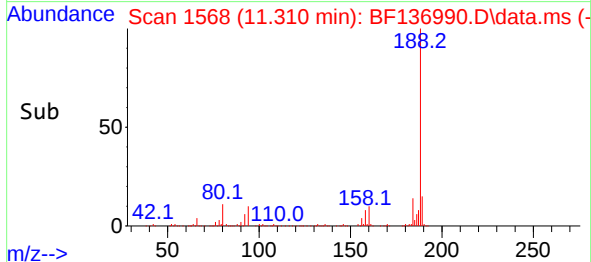
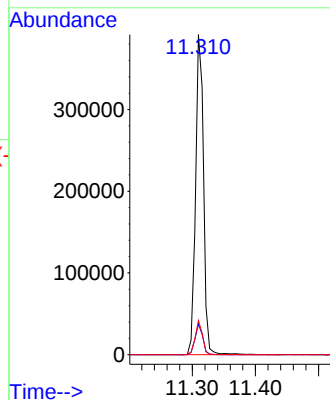
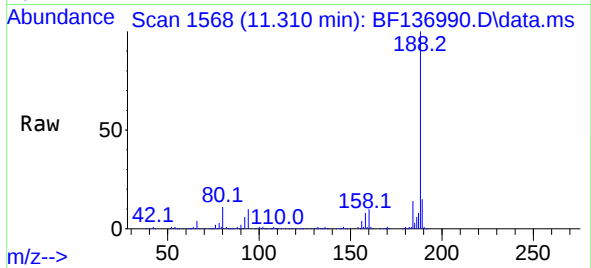


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

Instrument :
BNA_F
ClientSampleId :
PB158264BL

Tgt Ion:188 Resp: 341483

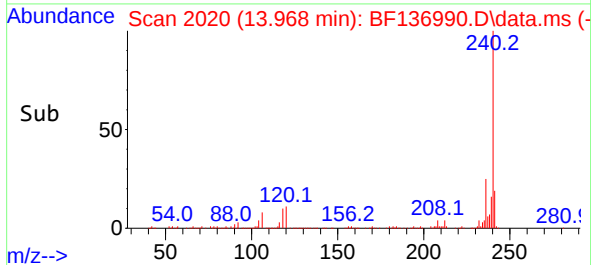
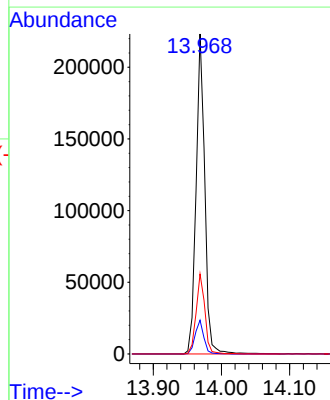
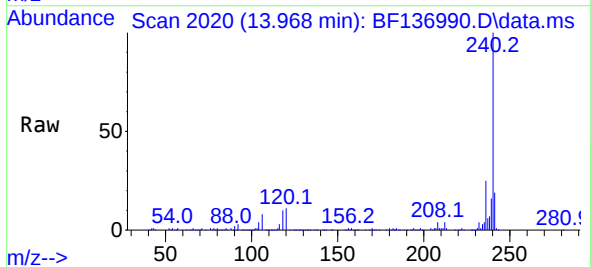
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.5	11.3
80	10.7	8.1	12.1

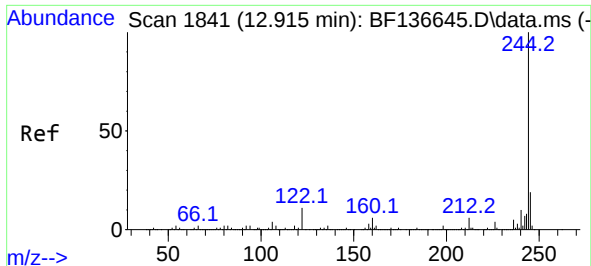


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

Tgt Ion:240 Resp: 197904

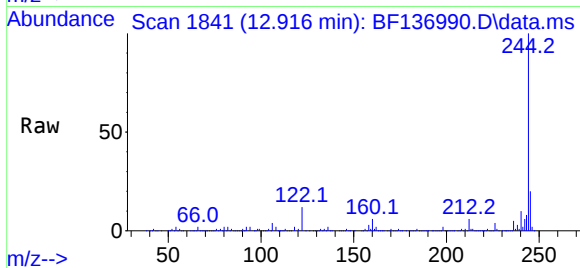
Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.3	15.5
236	25.0	19.4	29.2



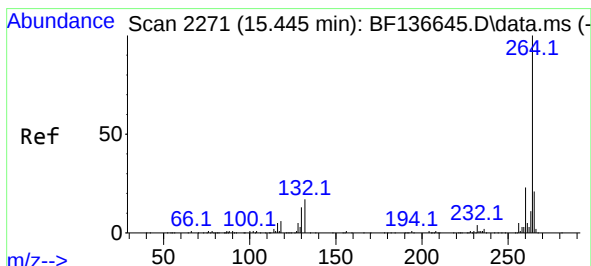
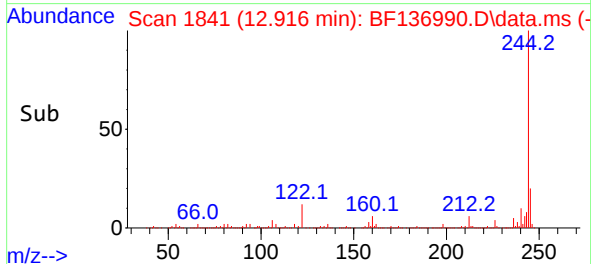
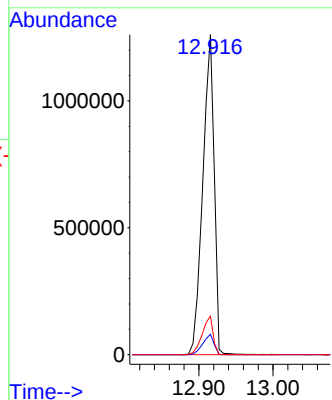


#79
Terphenyl-d14
Concen: 95.122 ng
RT: 12.916 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

Instrument :
BNA_F
ClientSampleId :
PB158264BL



Tgt Ion:244 Resp: 1347083
Ion Ratio Lower Upper
244 100
212 6.4 5.0 7.4
122 12.0 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF136990.D
Acq: 08 Jan 2024 11:10

Tgt Ion:264 Resp: 157052
Ion Ratio Lower Upper
264 100
260 23.4 18.3 27.5
265 19.9 17.0 25.6

