

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136945.D
 Acq On : 04 Jan 2024 17:35
 Operator : CG\JU
 Sample : PB158038BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158038BL

Quant Time: Jan 05 00:40:22 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	6.781	152	88268	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	343246	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	178402	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	355276	20.000	ng	0.00
76) Chrysene-d12	13.963	240	212739	20.000	ng	0.00
86) Perylene-d12	15.451	264	171449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	803758	142.078	ng	0.02
7) Phenol-d6	6.440	99	1012704	138.153	ng	0.00
23) Nitrobenzene-d5	7.351	82	625876	93.305	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	287146	136.666	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1247830	94.075	ng	-0.01
79) Terphenyl-d14	12.916	244	1422459	93.440	ng	0.00

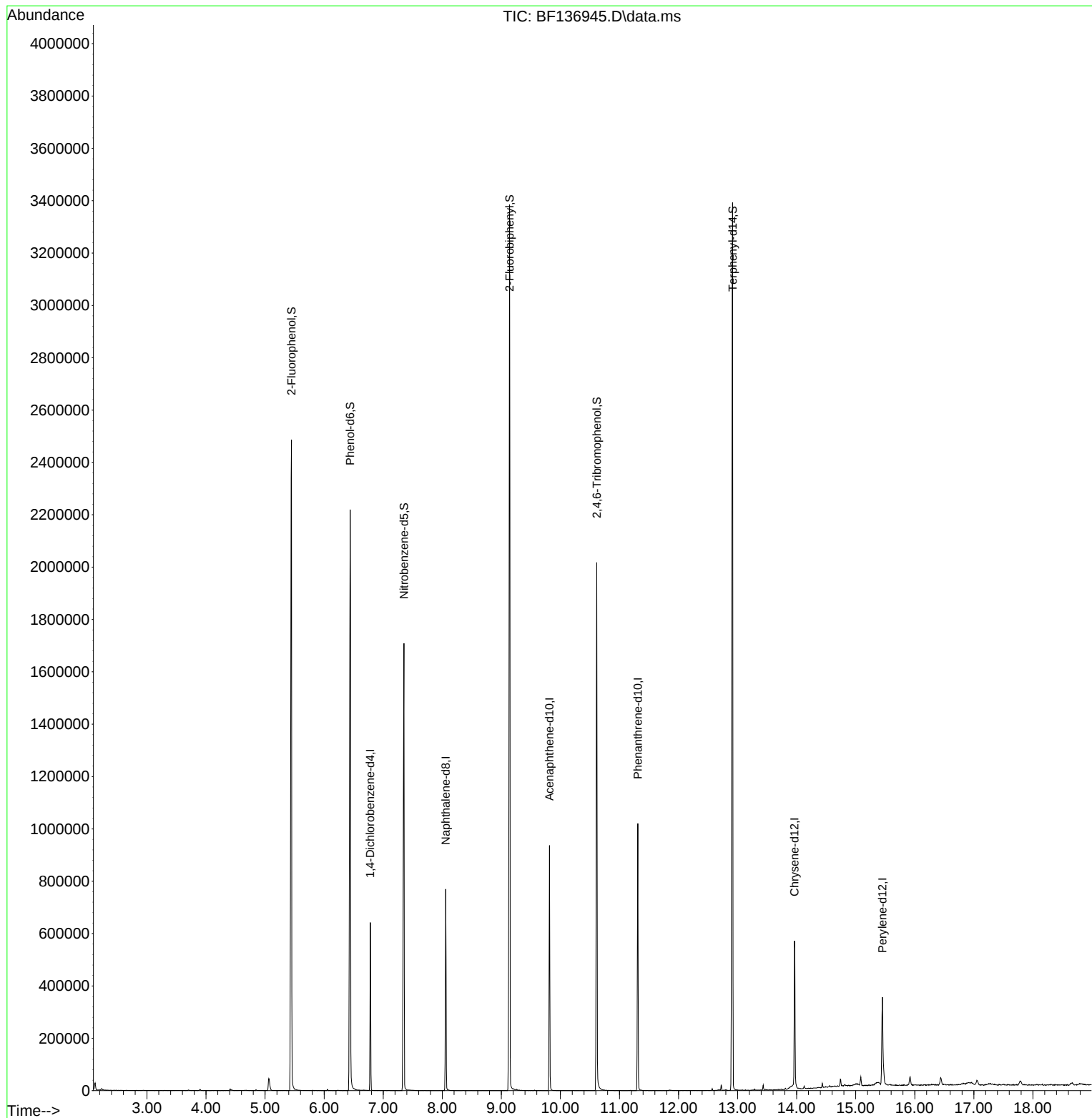
Target Compounds	Qvalue

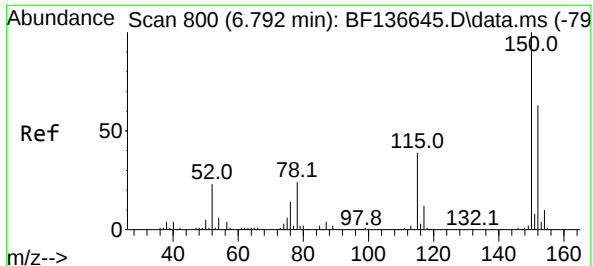
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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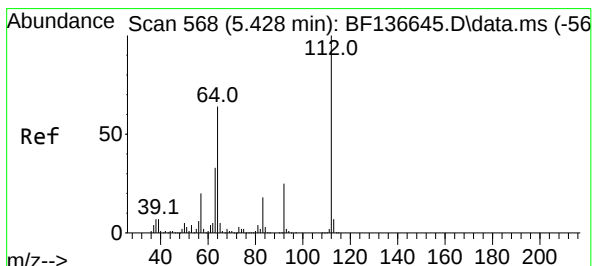
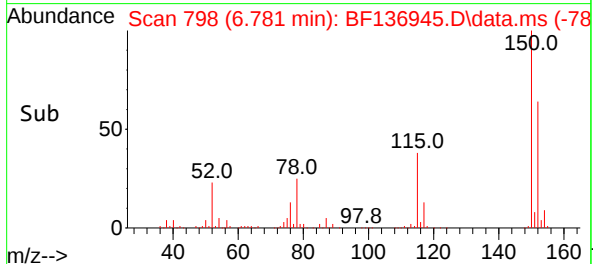
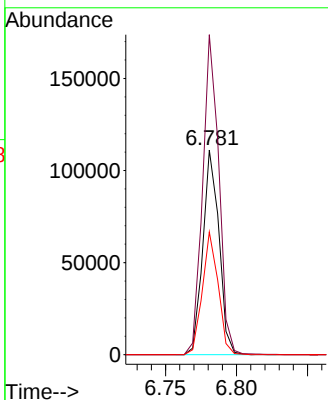
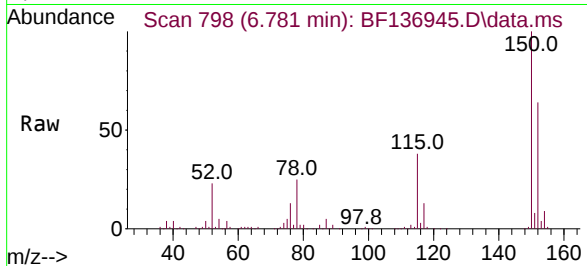




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136945.D
Acq: 04 Jan 2024 17:35

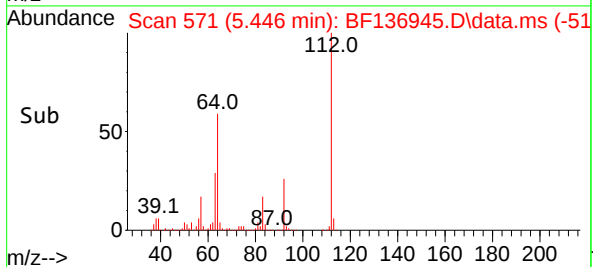
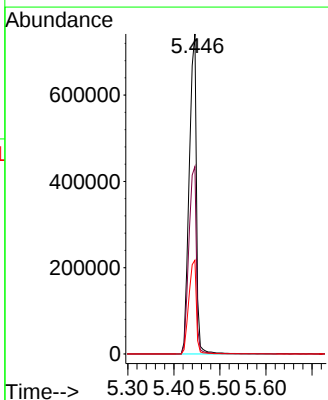
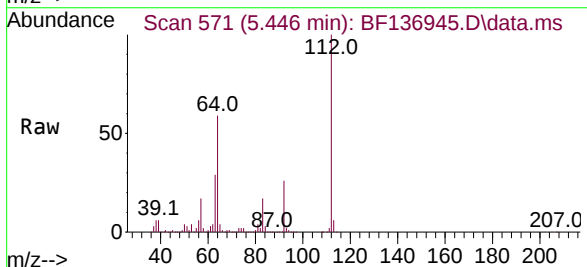
Instrument :
BNA_F
ClientSampleId :
PB158038BL

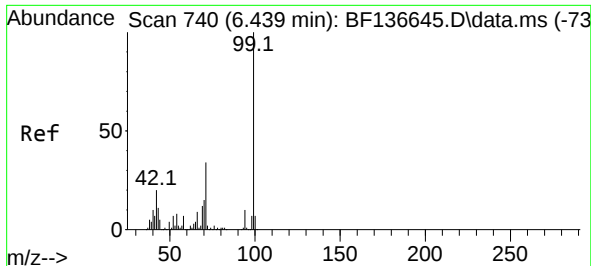
Tgt Ion:152 Resp: 88268
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.6
115 60.0 49.0 73.4



#5
2-Fluorophenol
Concen: 142.078 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF136945.D
Acq: 04 Jan 2024 17:35

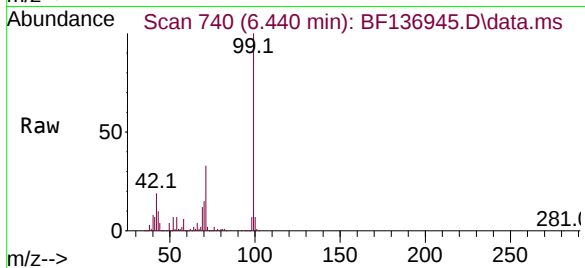
Tgt Ion:112 Resp: 803758
Ion Ratio Lower Upper
112 100
64 58.6 51.1 76.7
63 29.3 26.1 39.1





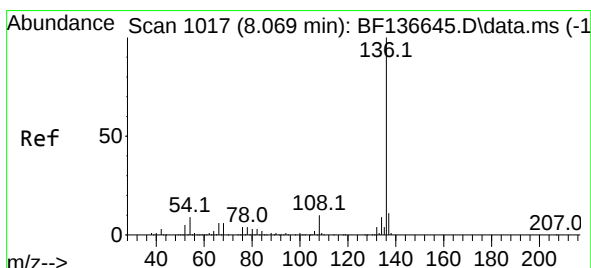
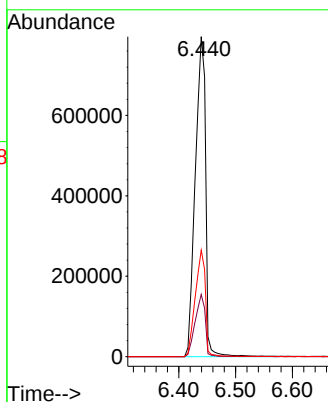
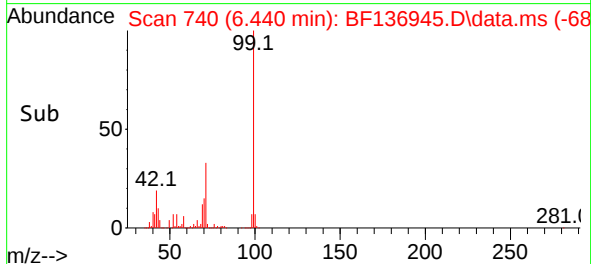
#7
Phenol-d6
Concen: 138.153 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136945.D
Acq: 04 Jan 2024 17:35

Instrument :
BNA_F
ClientSampleId :
PB158038BL

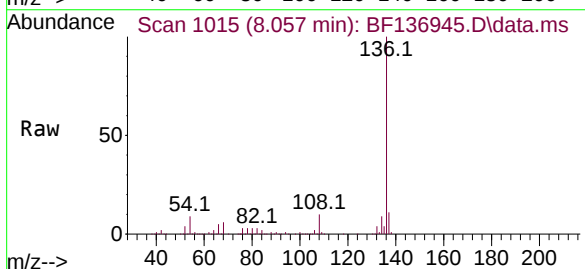


Tgt Ion: 99 Resp: 1012704

Ion	Ratio	Lower	Upper
99	100		
42	19.5	16.1	24.1
71	33.3	27.4	41.2

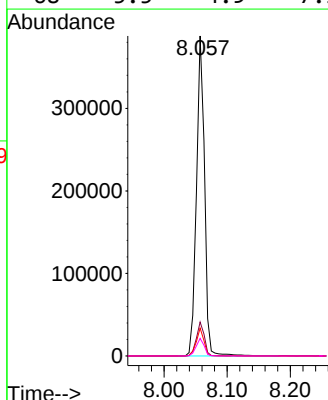
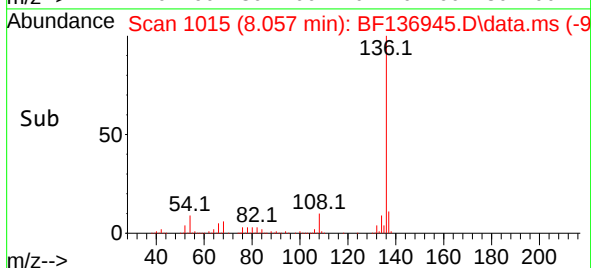


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136945.D
Acq: 04 Jan 2024 17:35



Tgt Ion: 136 Resp: 343246

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	8.7	7.2	10.8
68	5.5	4.9	7.3





#23

Nitrobenzene-d5

Concen: 93.305 ng

RT: 7.351 min Scan# 895

Delta R.T. -0.006 min

Lab File: BF136945.D

Acq: 04 Jan 2024 17:35

Instrument :

BNA_F

ClientSampleId :

PB158038BL

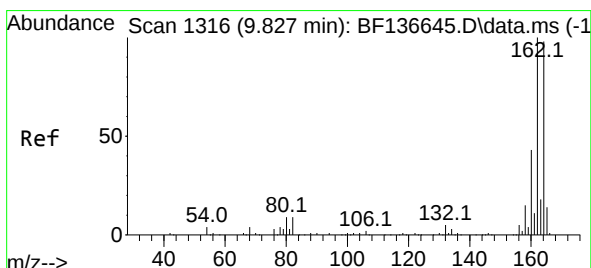
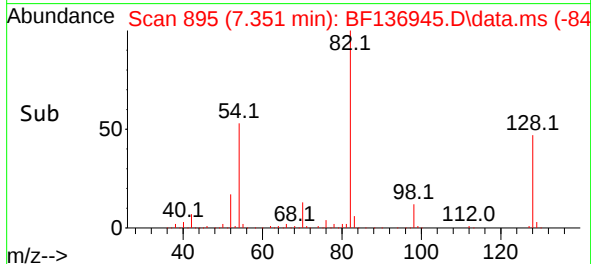
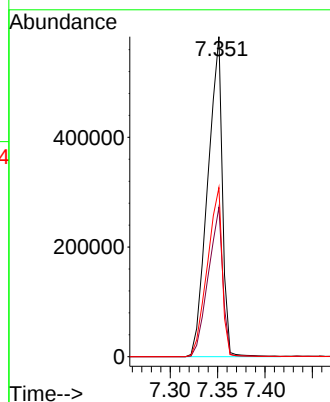
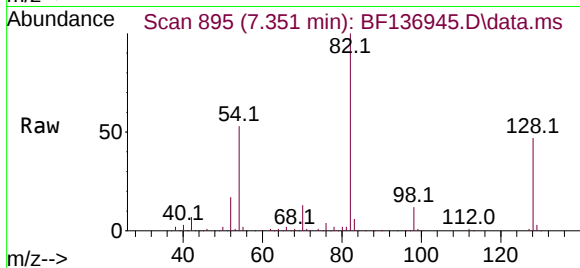
Tgt Ion: 82 Resp: 625876

Ion Ratio Lower Upper

82 100

128 46.7 35.3 52.9

54 52.8 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: BF136945.D

Acq: 04 Jan 2024 17:35

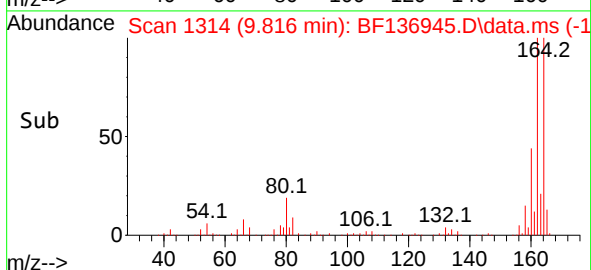
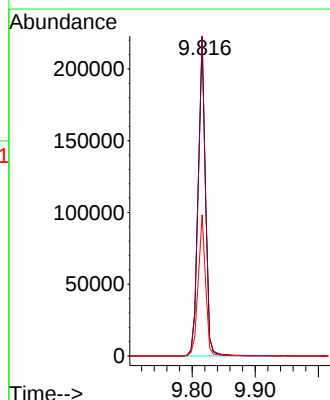
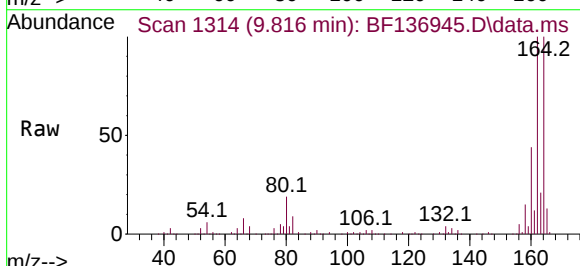
Tgt Ion:164 Resp: 178402

Ion Ratio Lower Upper

164 100

162 100.5 81.6 122.4

160 44.3 34.9 52.3

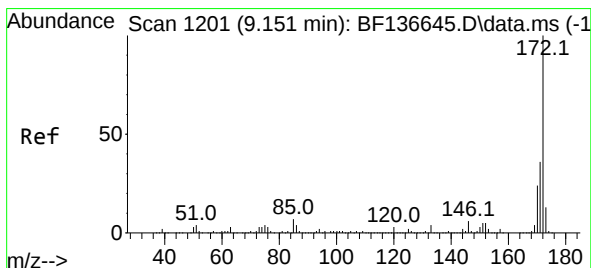
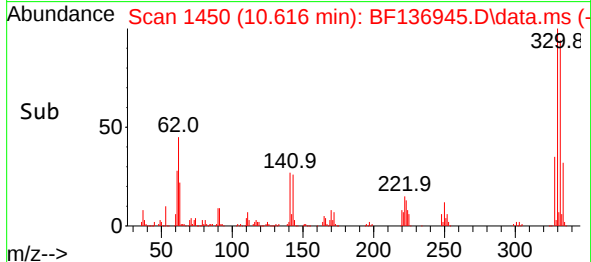
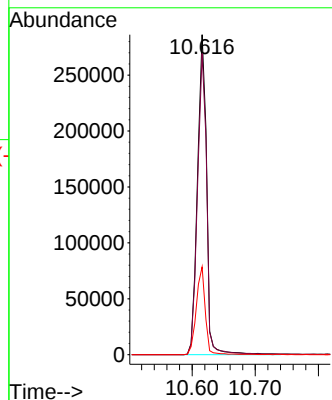
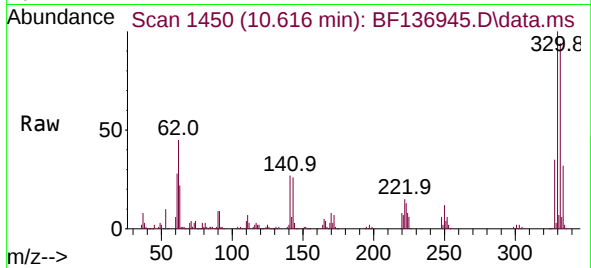




#42
2,4,6-Tribromophenol
Concen: 136.666 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF136945.D
Acq: 04 Jan 2024 17:35

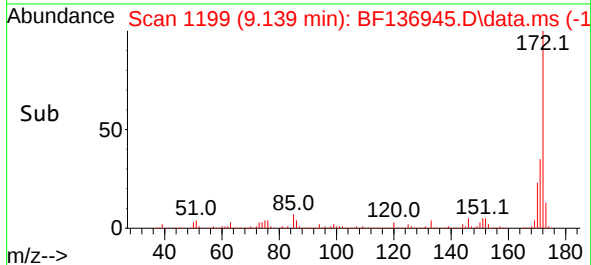
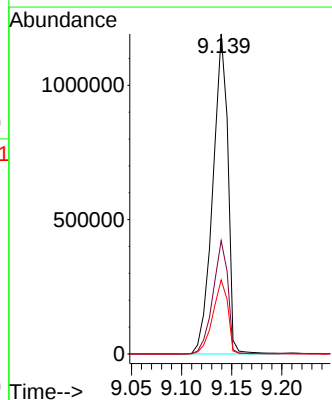
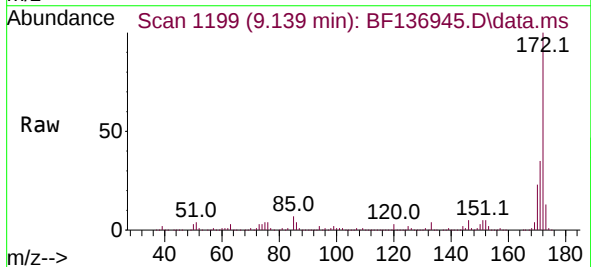
Instrument :
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ClientSampleId :
PB158038BL

Tgt Ion:330 Resp: 287146
Ion Ratio Lower Upper
330 100
332 94.8 77.4 116.0
141 26.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 94.075 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136945.D
Acq: 04 Jan 2024 17:35

Tgt Ion:172 Resp: 1247830
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 23.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136945.D

Acq: 04 Jan 2024 17:35

Instrument :

BNA_F

ClientSampleId :

PB158038BL

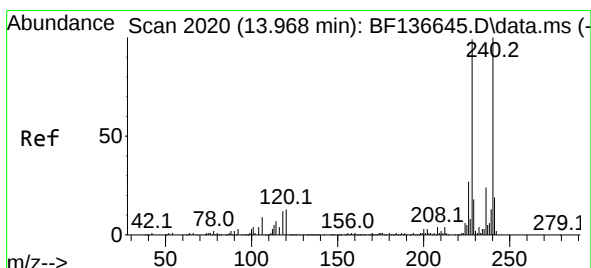
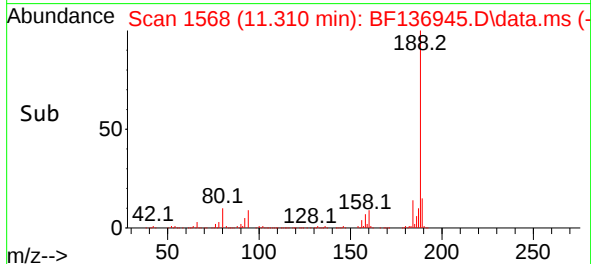
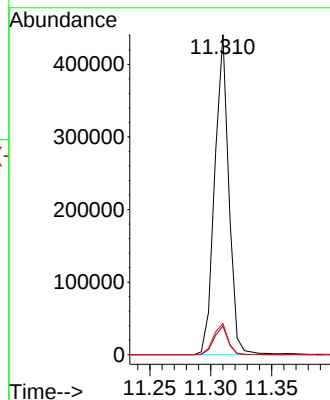
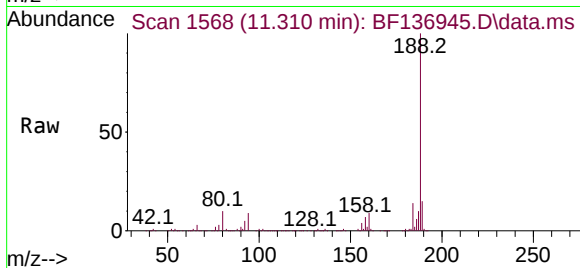
Tgt Ion:188 Resp: 355276

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.7 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136945.D

Acq: 04 Jan 2024 17:35

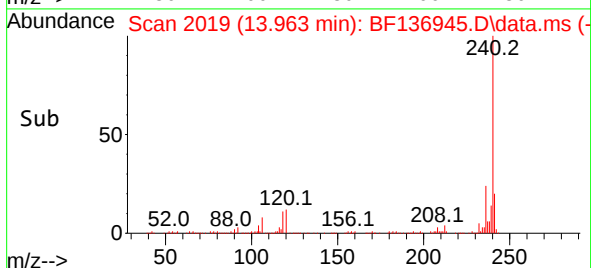
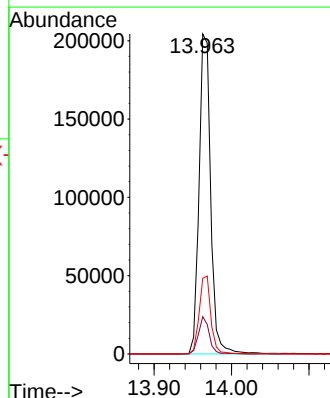
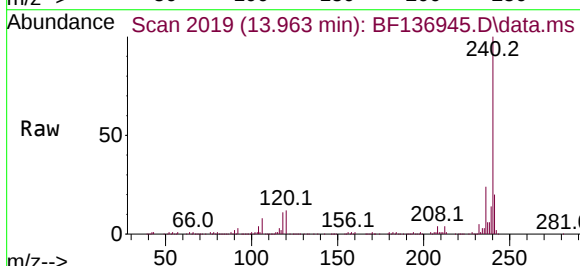
Tgt Ion:240 Resp: 212739

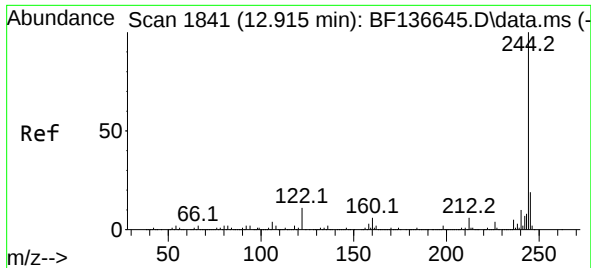
Ion Ratio Lower Upper

240 100

120 11.7 10.3 15.5

236 23.7 19.4 29.2

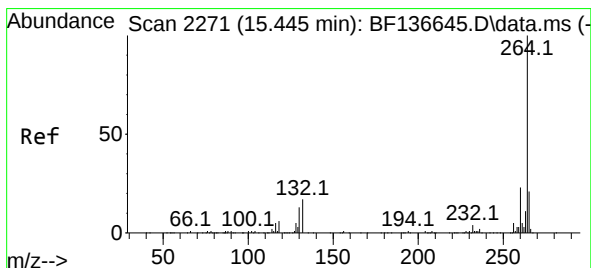
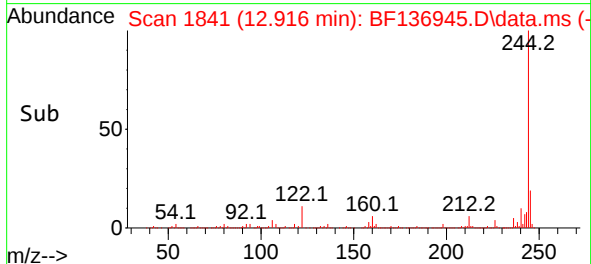
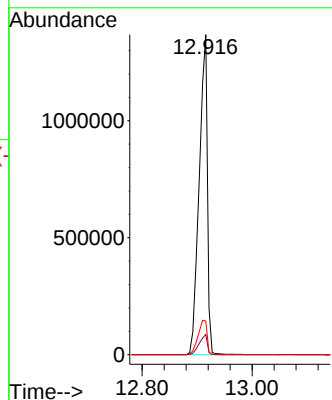
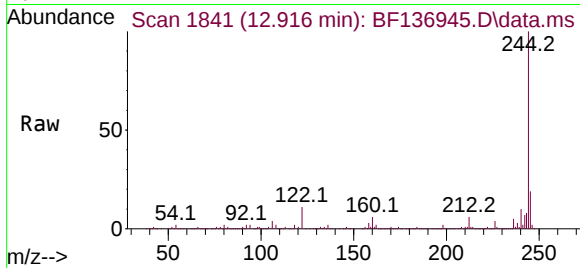




#79
 Terphenyl-d14
 Concen: 93.440 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF136945.D
 Acq: 04 Jan 2024 17:35

Instrument :
 BNA_F
 ClientSampleId :
 PB158038BL

Tgt Ion:244 Resp: 1422459
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 10.5 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2272
 Delta R.T. 0.006 min
 Lab File: BF136945.D
 Acq: 04 Jan 2024 17:35

Tgt Ion:264 Resp: 171449
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.3 27.5
 265 22.0 17.0 25.6

