

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)

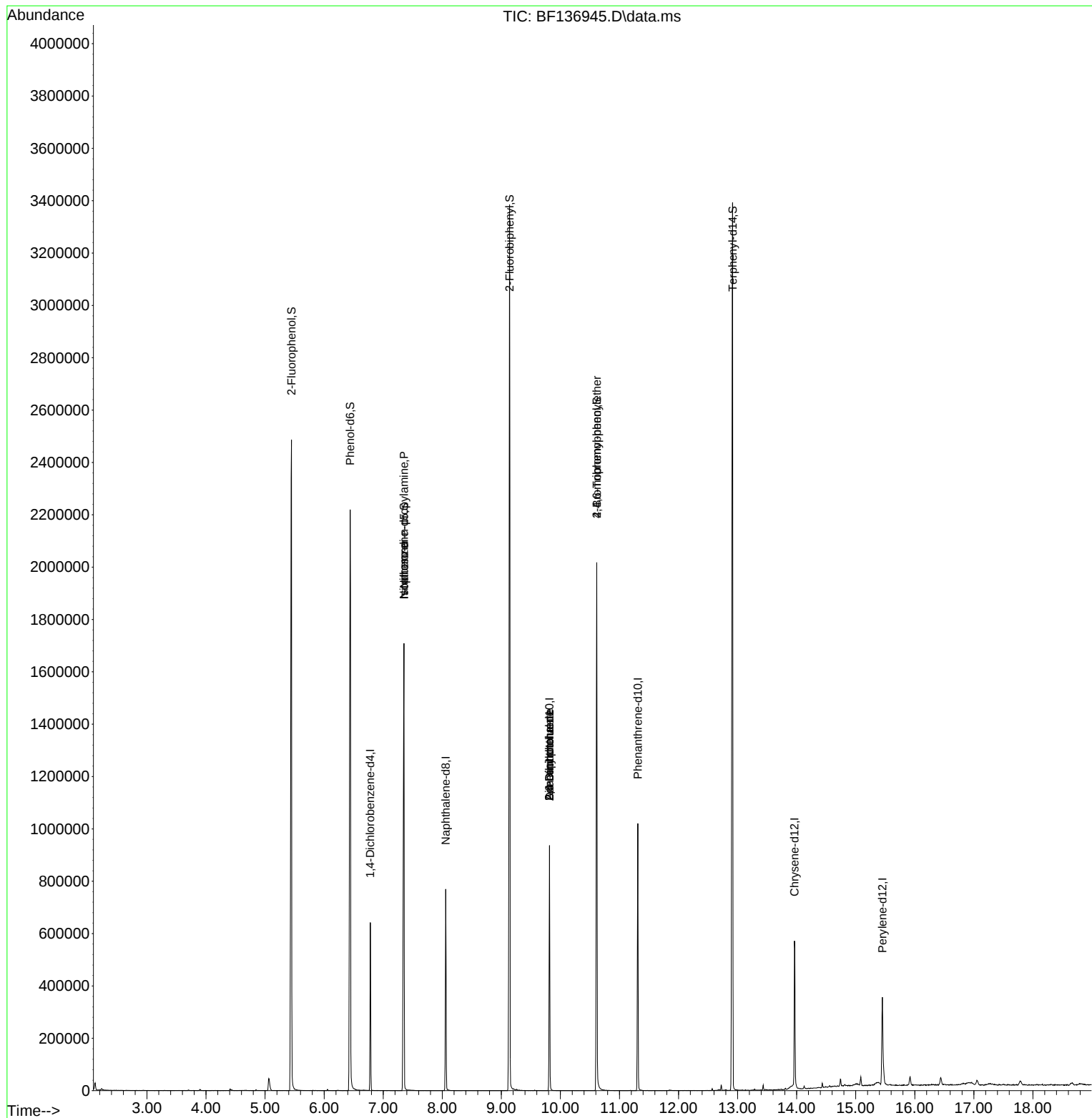
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	88268	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	343246	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	178402	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	355276	20.000	ng	0.00
76) Chrysene-d12	13.963	240	212739	20.000	ng	0.00
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.351	70	82631	18.596	ng	# 73
25) Isophorone	7.351	82	625870	51.277	ng	# 65
50) Dimethylphthalate	9.816	163	36091	2.770	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	23005	7.779	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	23005	5.992	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	16857	4.272	ng	# 1

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

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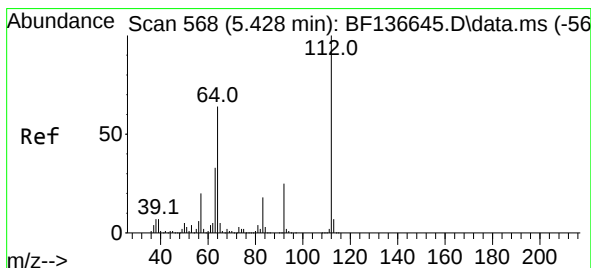
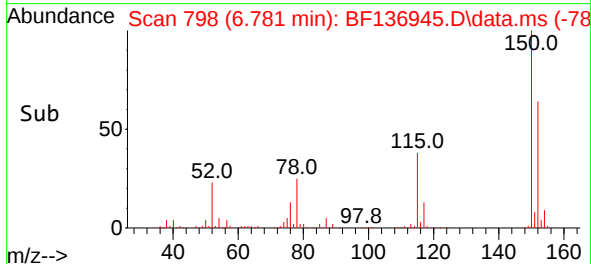
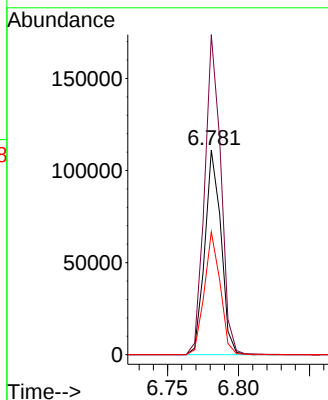
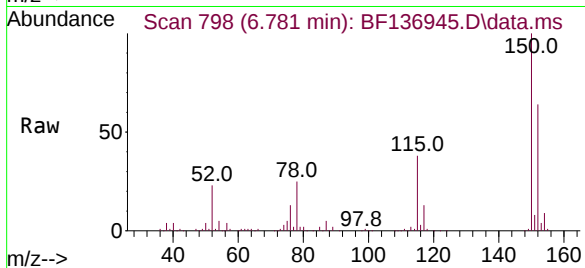




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136945.D
Acq: 04 Jan 2024 17:35

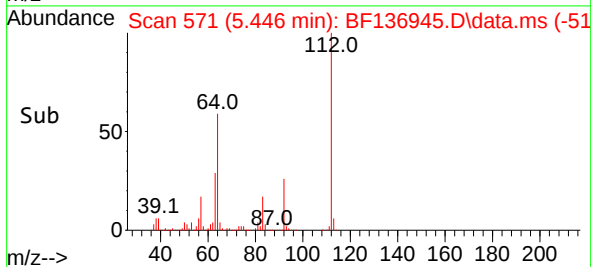
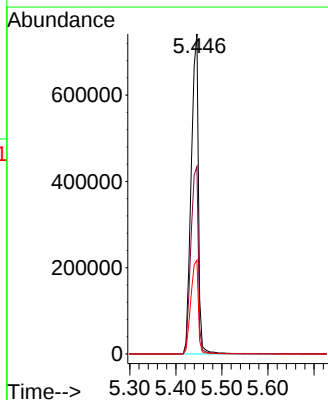
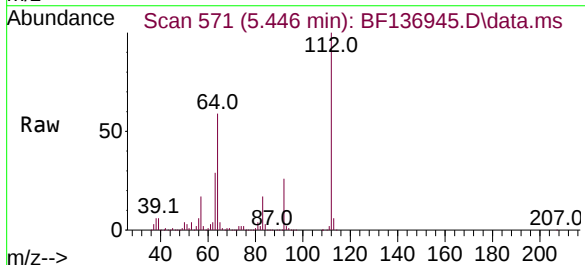
Instrument :
BNA_F
ClientSampleId :
PB158038BL

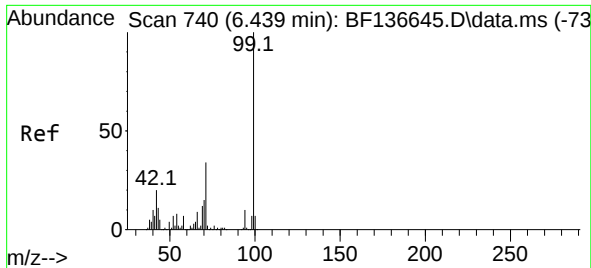
Tgt Ion:152 Resp: 88268
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.6
115 60.0 49.0 73.4



#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

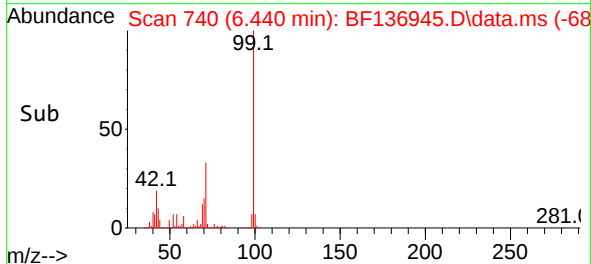
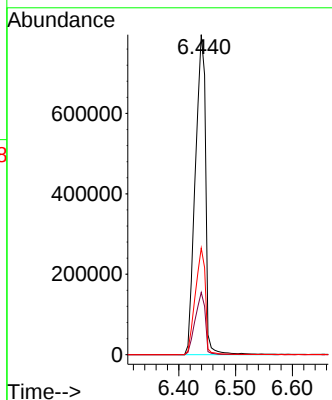
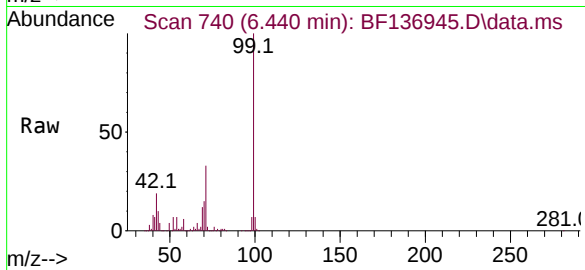




#7
Phenol-d6
Concen: 138.153 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136945.D
Acq: 04 Jan 2024 17:35

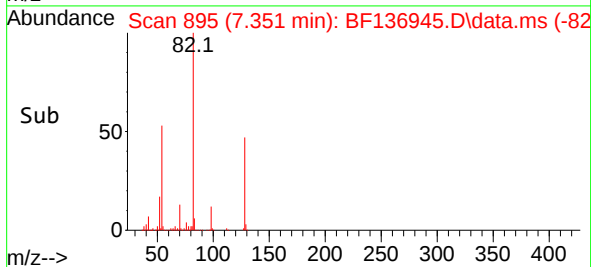
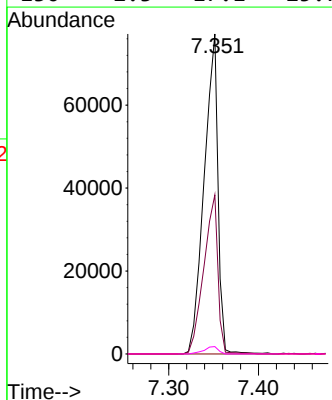
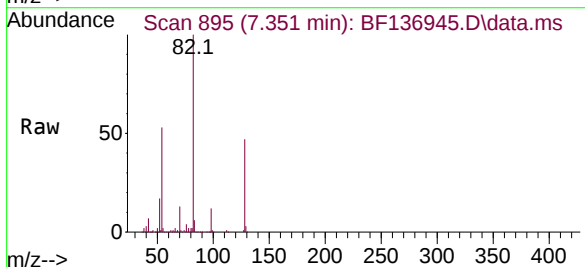
Instrument :
BNA_F
ClientSampleId :
PB158038BL

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



#19
n-Nitroso-di-n-propylamine
Concen: 18.596 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF136945.D
Acq: 04 Jan 2024 17:35

Tgt Ion: 70 Resp: 82631
Ion Ratio Lower Upper
70 100
42 49.7 54.2 81.4#
101 0.0 7.6 11.4#
130 2.3 17.1 25.7#



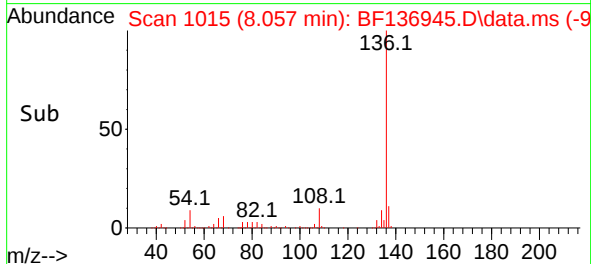
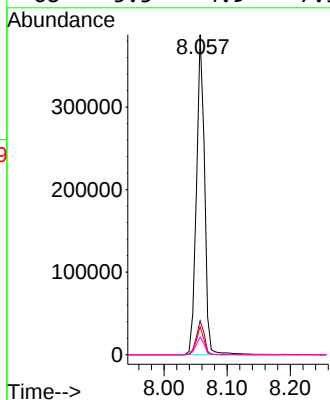
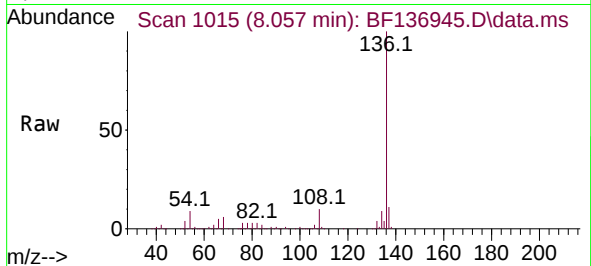


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136945.D
Acq: 04 Jan 2024 17:35

Instrument :
BNA_F
ClientSampleId :
PB158038BL

Tgt Ion:136 Resp: 343246

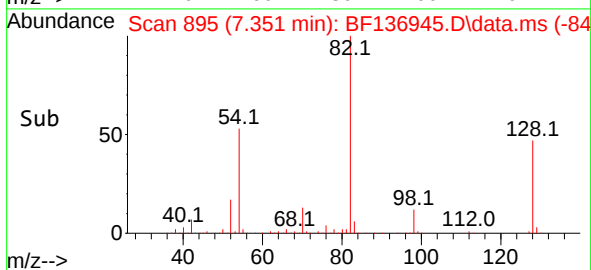
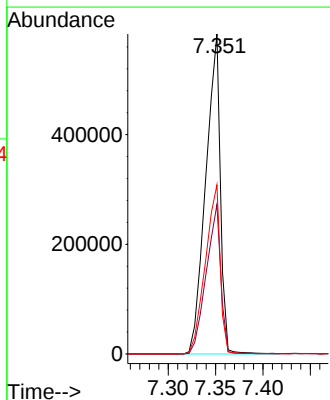
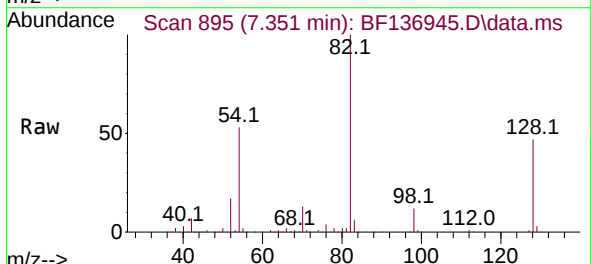
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	8.7	7.2	10.8
68	5.5	4.9	7.3



#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

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

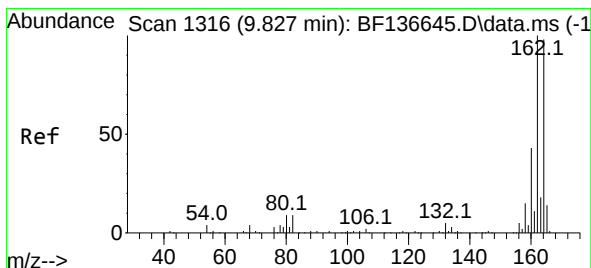
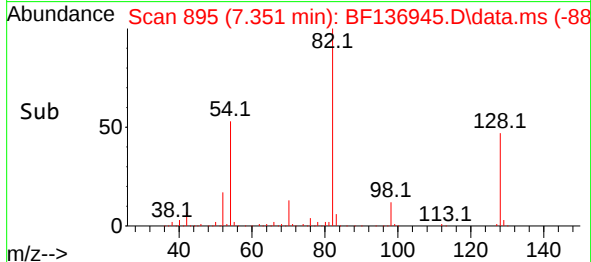
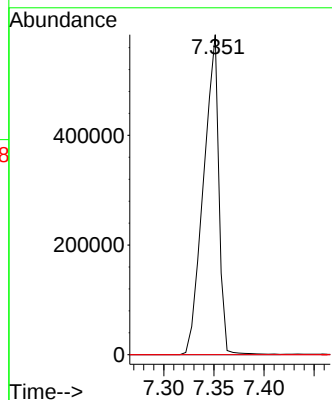
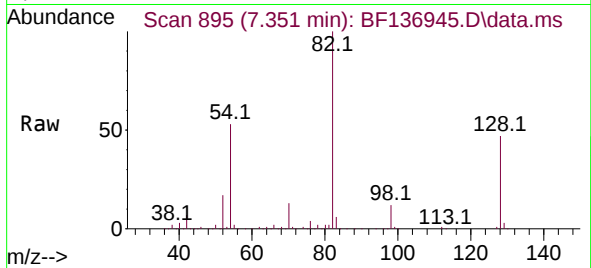




#25
Isophorone
Concen: 51.277 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.264 min
Lab File: BF136945.D
Acq: 04 Jan 2024 17:35

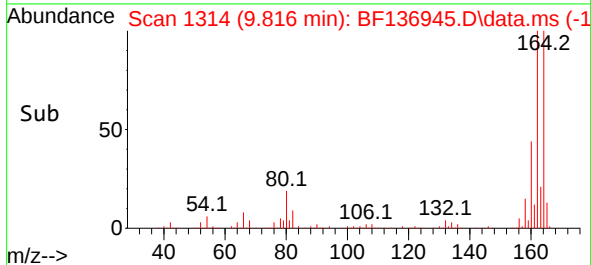
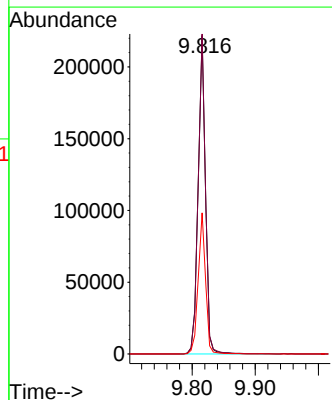
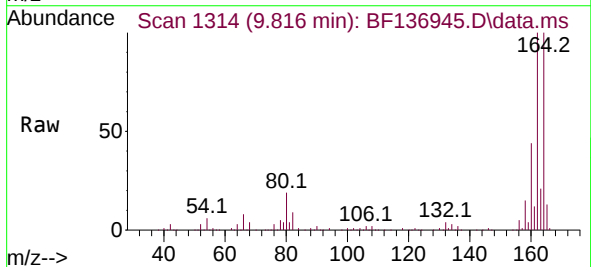
Instrument :
BNA_F
ClientSampleId :
PB158038BL

Tgt Ion: 82 Resp: 625870
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#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

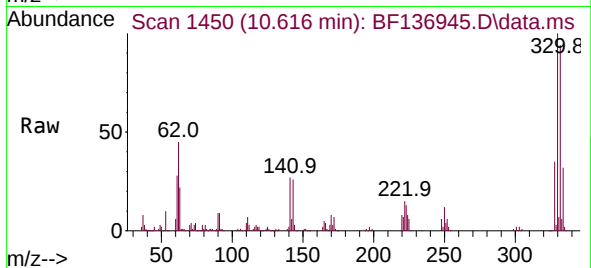
Acq: 04 Jan 2024 17:35

Instrument :

BNA_F

ClientSampleId :

PB158038BL



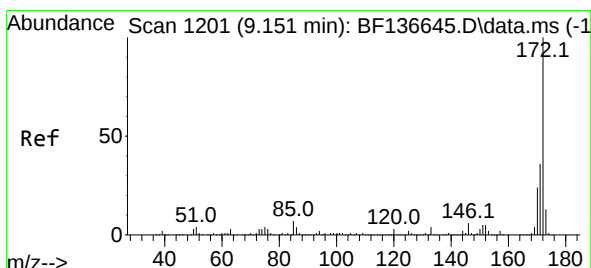
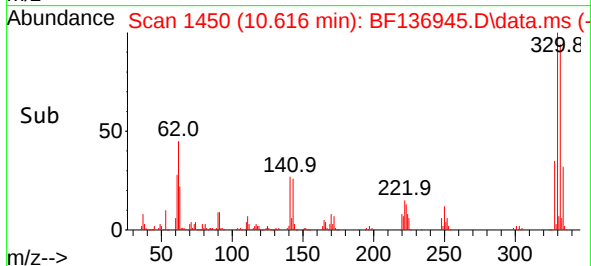
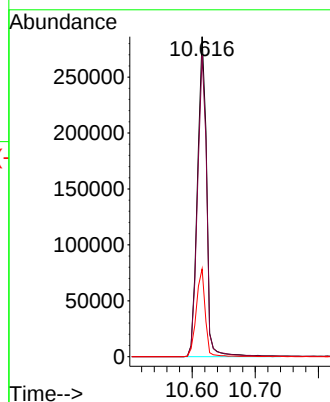
Tgt Ion:330 Resp: 287146

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

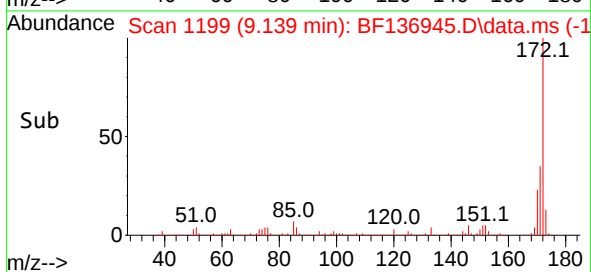
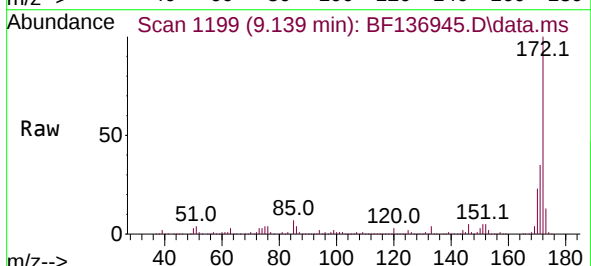
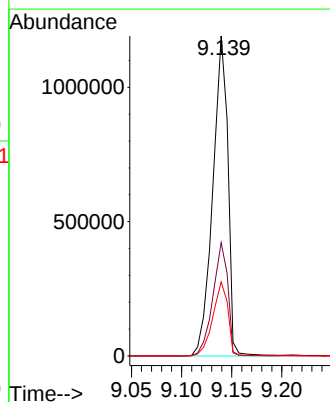
Tgt Ion:172 Resp: 1247830

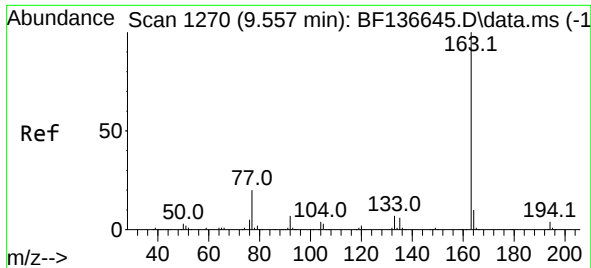
Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.6

170 23.2 19.0 28.4

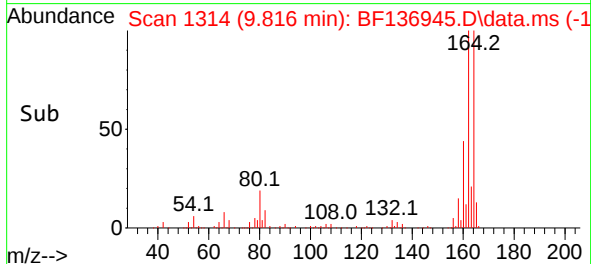
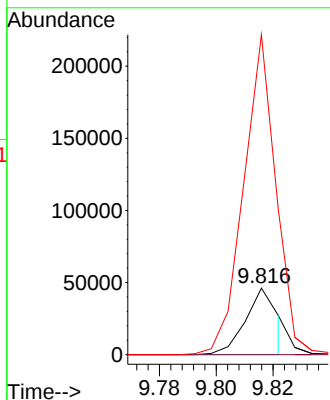
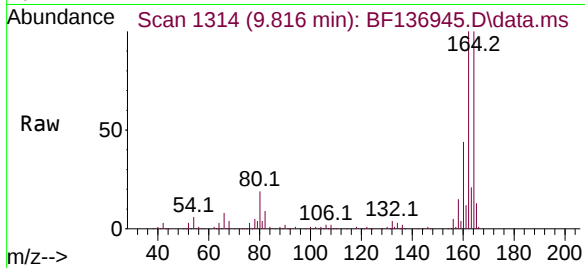




#50
Dimethylphthalate
Concen: 2.770 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136945.D
Acq: 04 Jan 2024 17:35

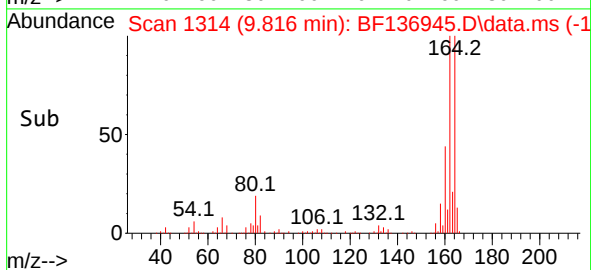
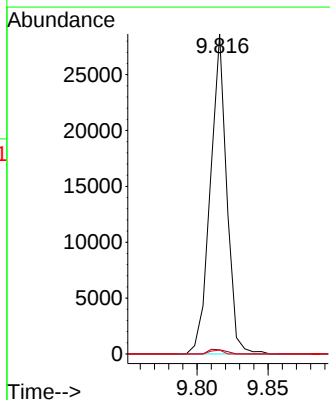
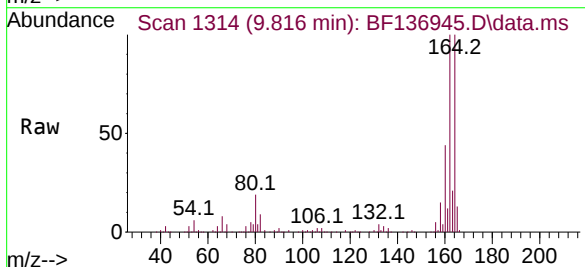
Instrument :
BNA_F
ClientSampleId :
PB158038BL

Tgt Ion:163 Resp: 36091
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 480.8 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.779 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136945.D
Acq: 04 Jan 2024 17:35

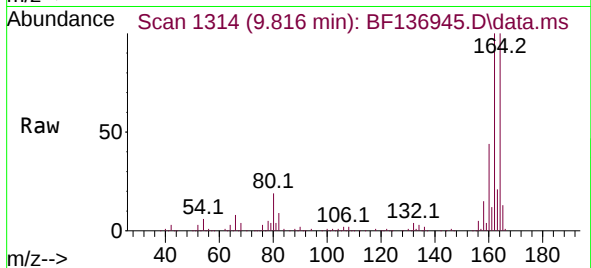
Tgt Ion:165 Resp: 23005
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.2 38.8 58.2#



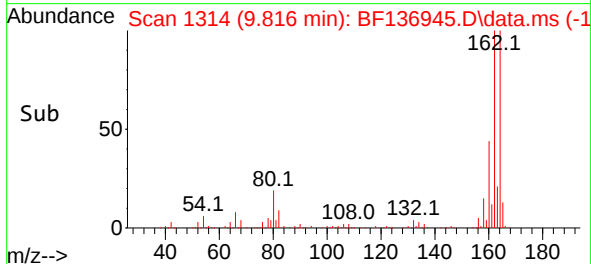
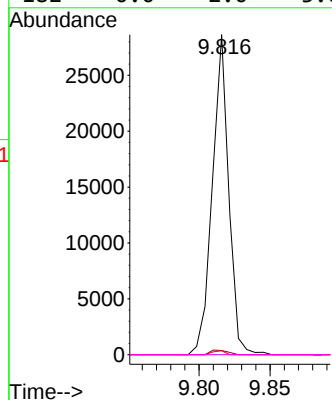


#57
2,4-Dinitrotoluene
Concen: 5.992 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136945.D
Acq: 04 Jan 2024 17:35

Instrument :
BNA_F
ClientSampleId :
PB158038BL

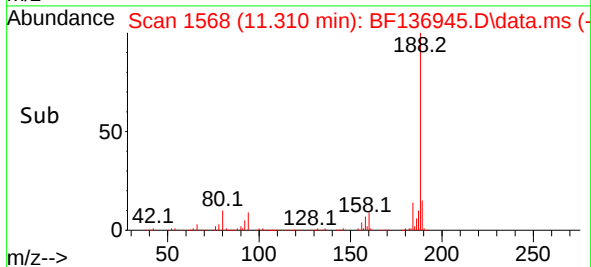
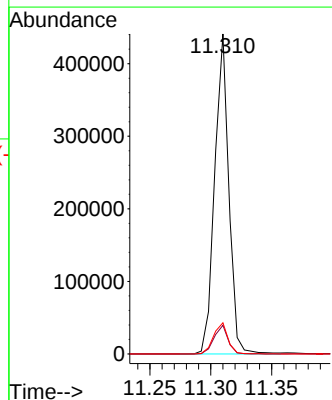
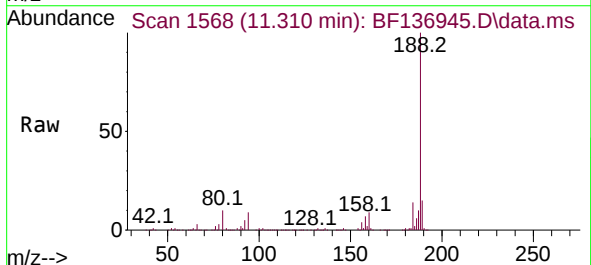


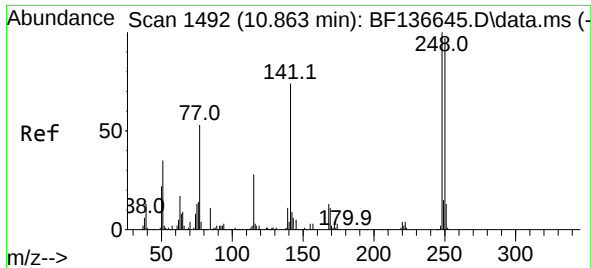
Tgt Ion:165 Resp: 23005
Ion Ratio Lower Upper
165 100
63 1.3 41.0 61.6#
89 1.2 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136945.D
Acq: 04 Jan 2024 17:35

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

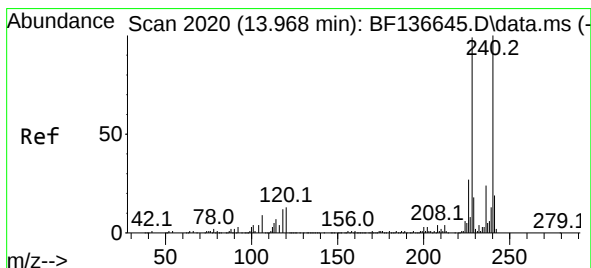
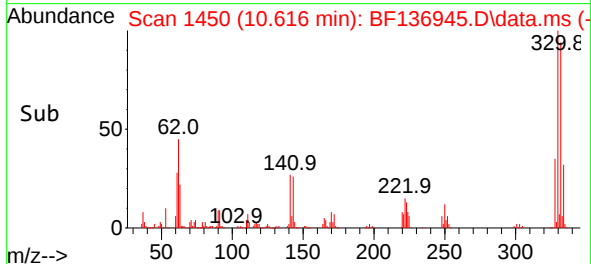
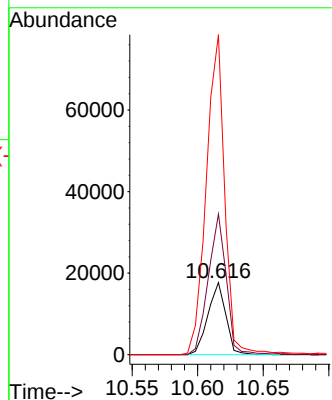
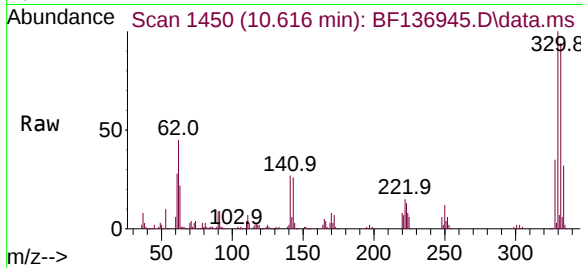




#67
4-Bromophenyl-phenylether
Concen: 4.272 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF136945.D
Acq: 04 Jan 2024 17:35

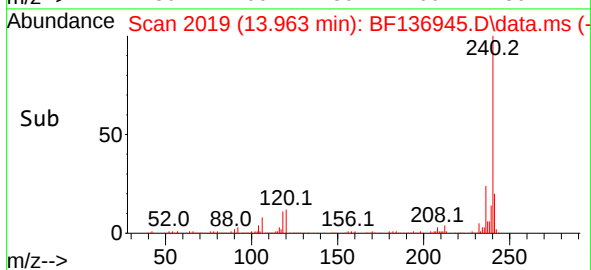
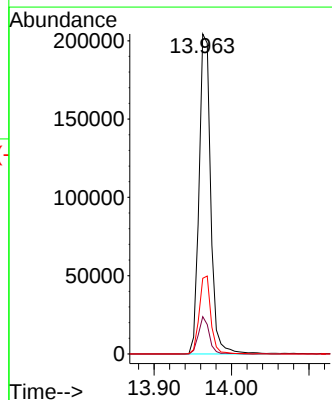
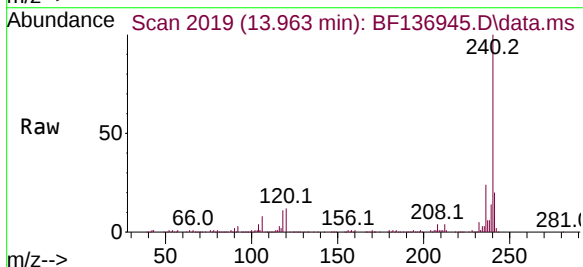
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BNA_F
ClientSampleId :
PB158038BL

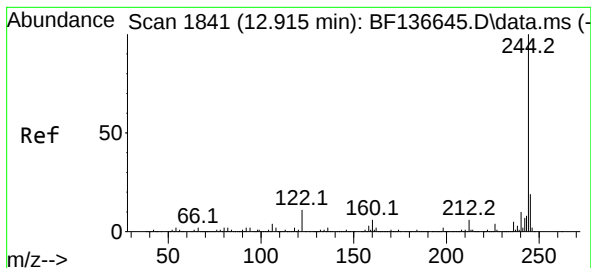
Tgt Ion:248 Resp: 16857
Ion Ratio Lower Upper
248 100
250 195.0 77.8 116.6#
141 443.5 59.2 88.8#



#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

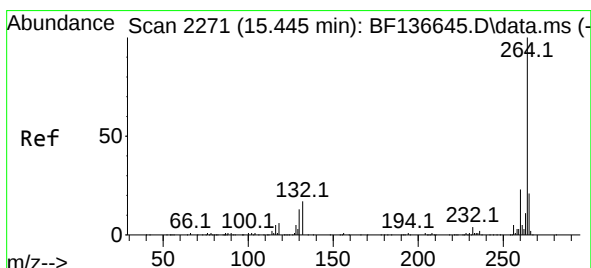
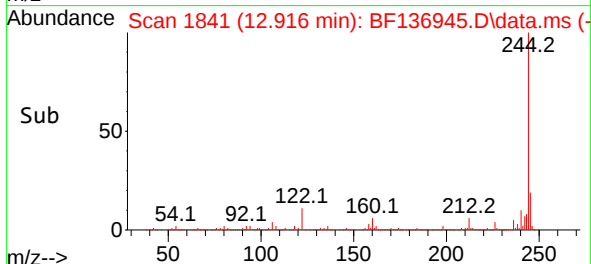
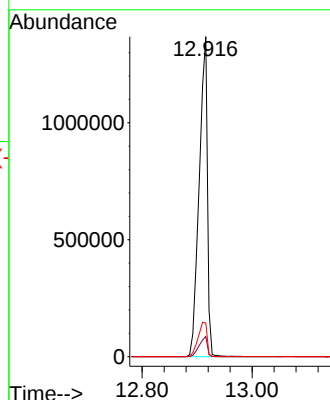
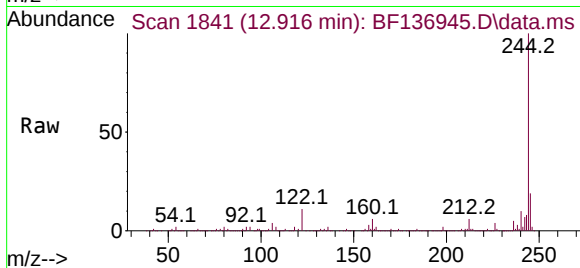
Tgt Ion:244 Resp: 1422459

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

