

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136728.D
 Acq On : 26 Dec 2023 19:59
 Operator : CG\JU
 Sample : 05933-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1-SOUTH-SIDE

Quant Time: Dec 27 03:57:38 2023
 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)

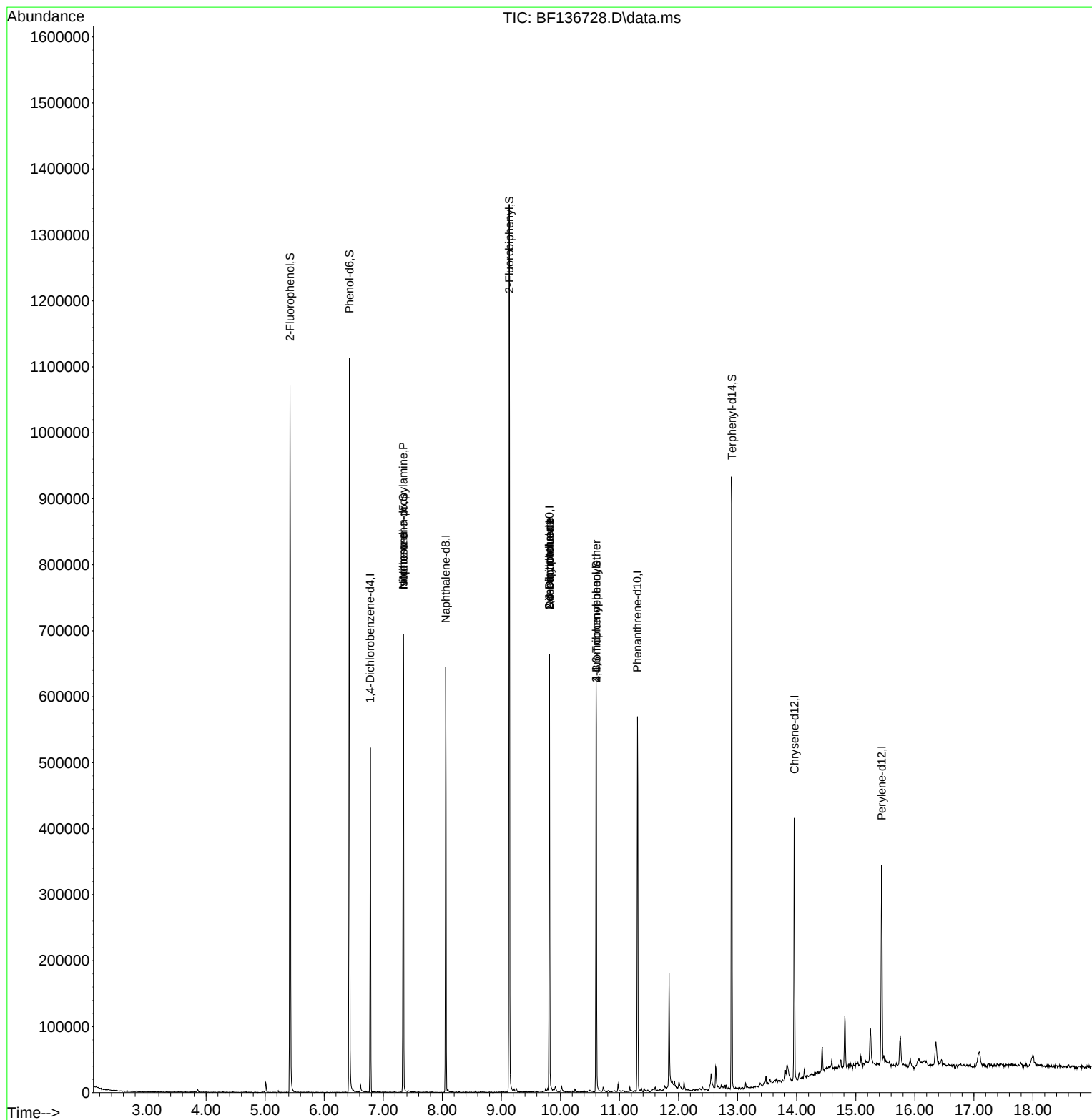
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	70138	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	264940	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	125768	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	207003	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	142356	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	137296	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	276375	61.482	ng	0.00
7) Phenol-d6	6.428	99	345025	59.235	ng	-0.01
23) Nitrobenzene-d5	7.339	82	210799	40.714	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	79288	53.530	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	414543	44.332	ng	-0.02
79) Terphenyl-d14	12.904	244	341525	33.527	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	28146	7.971	ng	# 77
25) Isophorone	7.339	82	210797	22.375	ng	# 65
50) Dimethylphthalate	9.816	163	25342	2.759	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	15125	7.255	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	15125	5.588	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	5029	2.188	ng	# 1

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

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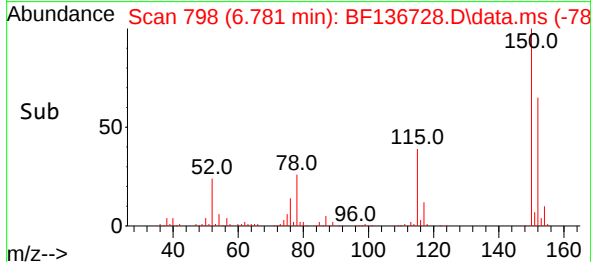
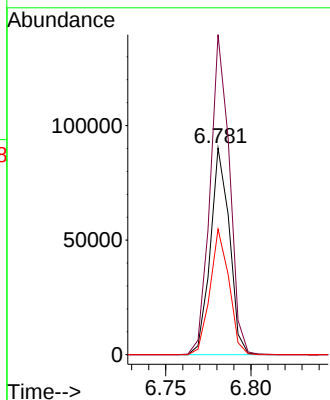
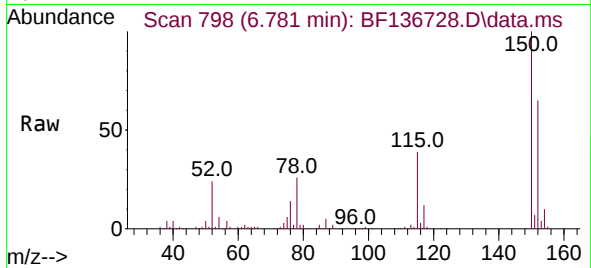




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136728.D
Acq: 26 Dec 2023 19:59

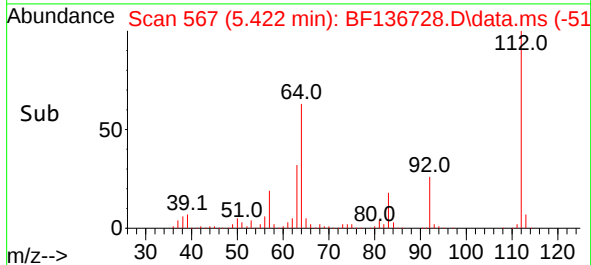
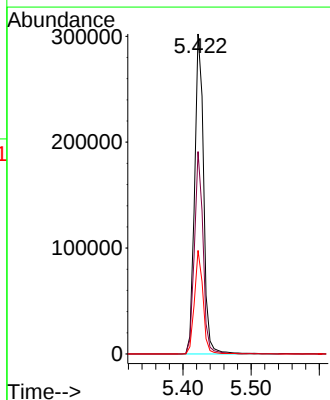
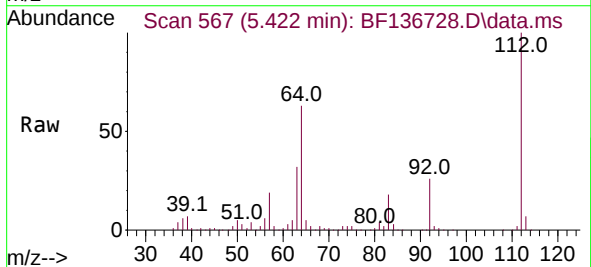
Instrument :
BNA_F
ClientSampleId :
S-1-SOUTH-SIDE

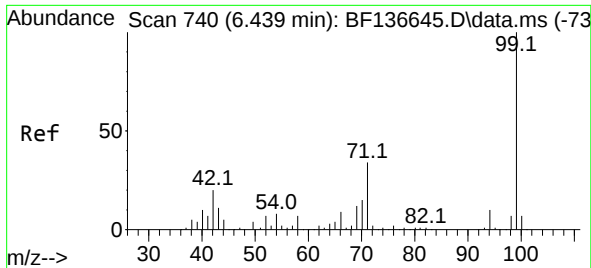
Tgt Ion:152 Resp: 70138
Ion Ratio Lower Upper
152 100
150 154.8 127.0 190.6
115 60.7 49.0 73.4



#5
2-Fluorophenol
Concen: 61.482 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136728.D
Acq: 26 Dec 2023 19:59

Tgt Ion:112 Resp: 276375
Ion Ratio Lower Upper
112 100
64 63.3 51.1 76.7
63 32.4 26.1 39.1

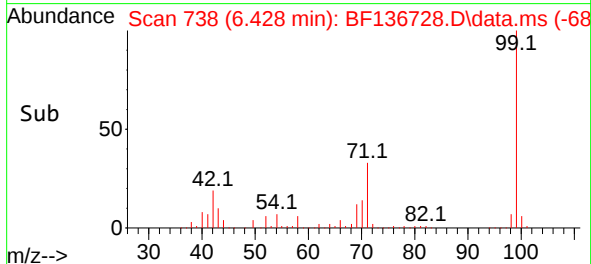
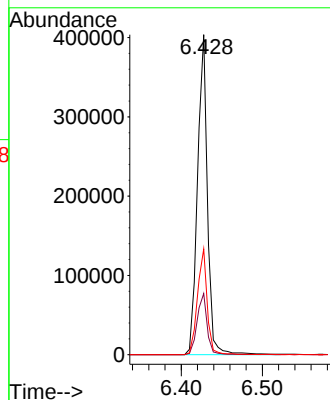
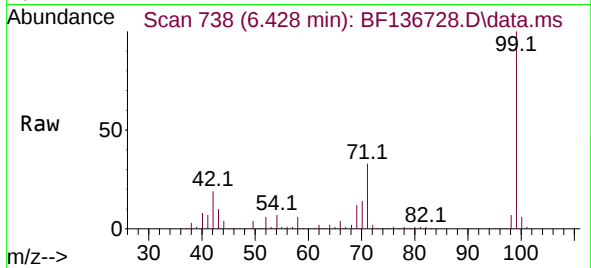




#7
Phenol-d6
Concen: 59.235 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136728.D
Acq: 26 Dec 2023 19:59

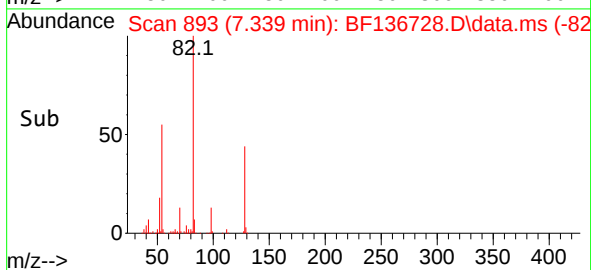
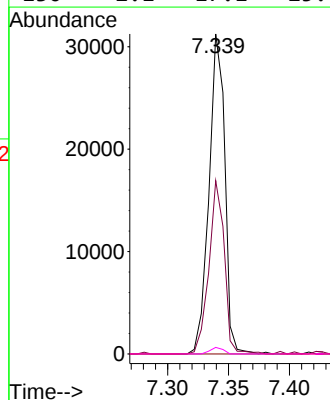
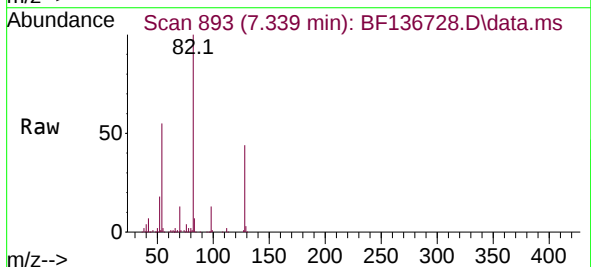
Instrument :
BNA_F
ClientSampleId :
S-1-SOUTH-SIDE

Tgt Ion: 99 Resp: 345025
Ion Ratio Lower Upper
99 100
42 19.1 16.1 24.1
71 33.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 7.971 ng
RT: 7.339 min Scan# 893
Delta R.T. 0.130 min
Lab File: BF136728.D
Acq: 26 Dec 2023 19:59

Tgt Ion: 70 Resp: 28146
Ion Ratio Lower Upper
70 100
42 54.2 54.2 81.4#
101 0.0 7.6 11.4#
130 2.1 17.1 25.7#



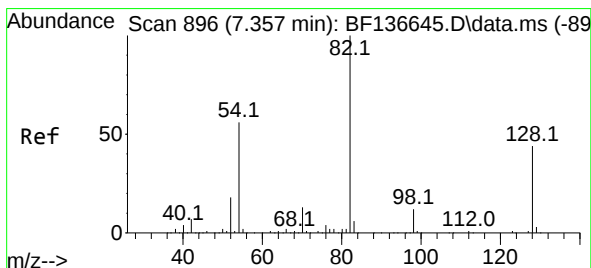
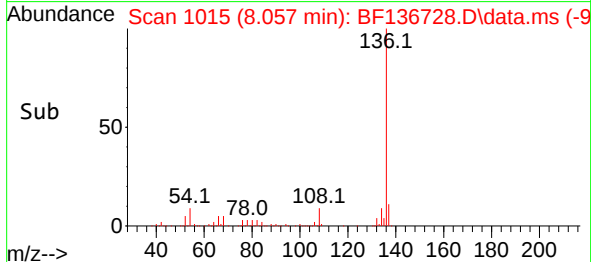
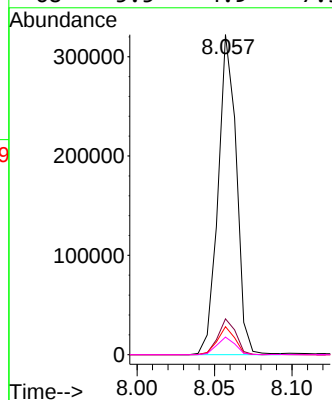
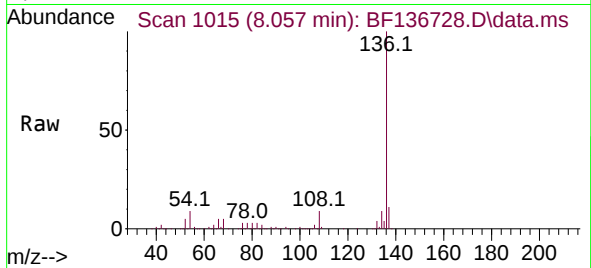


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136728.D
Acq: 26 Dec 2023 19:59

Instrument :
BNA_F
ClientSampleId :
S-1-SOUTH-SIDE

Tgt Ion:136 Resp: 264940

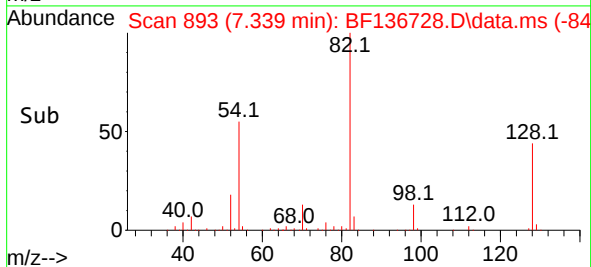
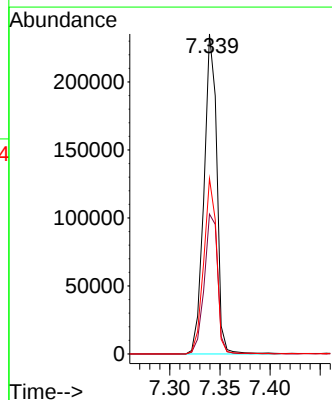
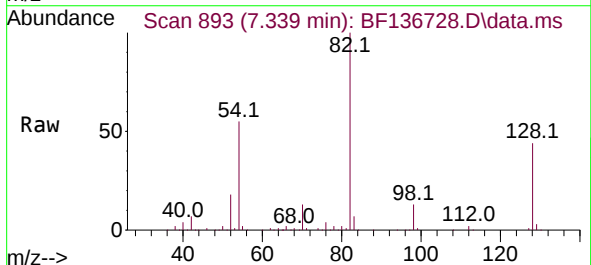
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	8.7	7.2	10.8
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 40.714 ng
RT: 7.339 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF136728.D
Acq: 26 Dec 2023 19:59

Tgt Ion: 82 Resp: 210799

Ion	Ratio	Lower	Upper
82	100		
128	43.7	35.3	52.9
54	54.8	44.5	66.7

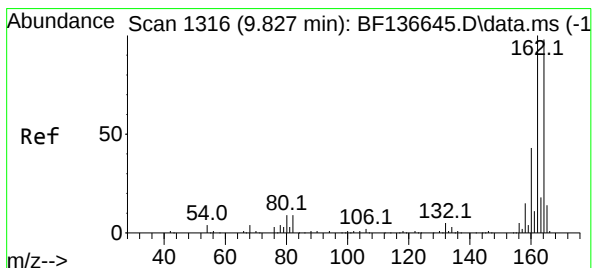
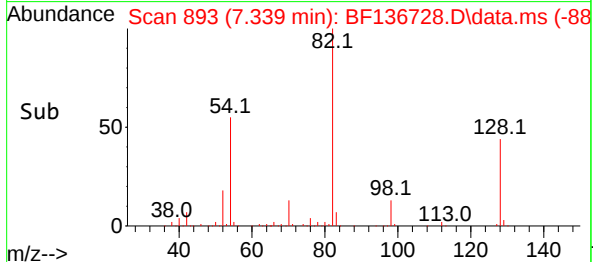
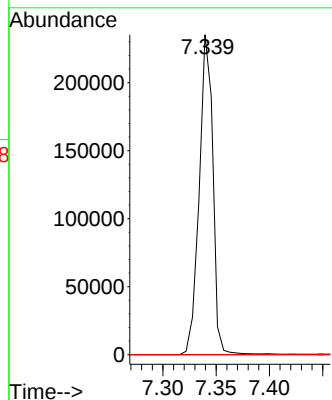
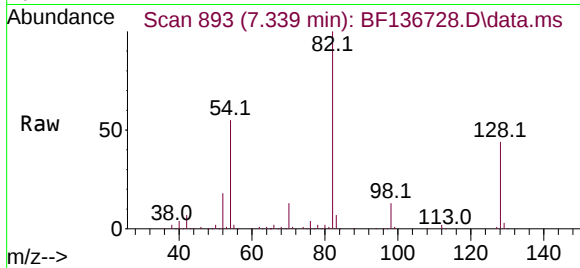




#25
Isophorone
Concen: 22.375 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.276 min
Lab File: BF136728.D
Acq: 26 Dec 2023 19:59

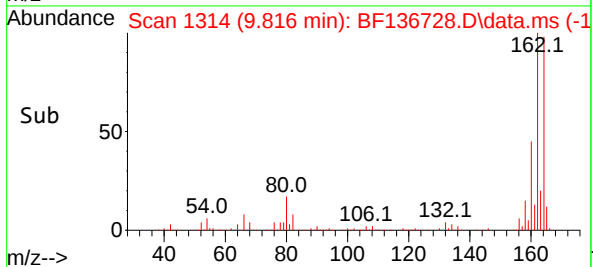
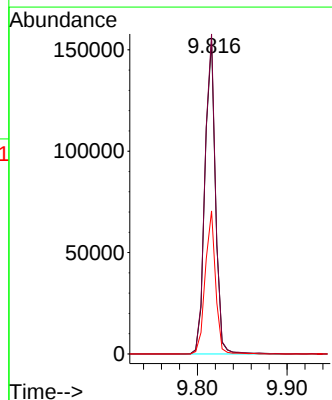
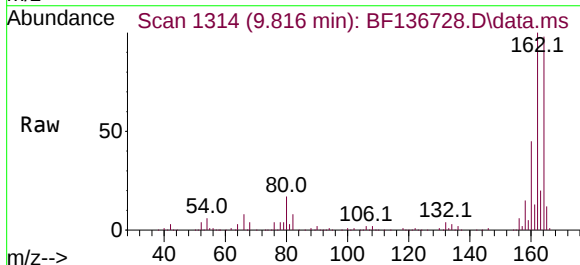
Instrument :
BNA_F
ClientSampleId :
S-1-SOUTH-SIDE

Tgt Ion: 82 Resp: 210797
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: BF136728.D
Acq: 26 Dec 2023 19:59

Tgt Ion:164 Resp: 125768
Ion Ratio Lower Upper
164 100
162 102.2 81.6 122.4
160 45.7 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 53.530 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136728.D

Acq: 26 Dec 2023 19:59

Instrument :

BNA_F

ClientSampleId :

S-1-SOUTH-SIDE

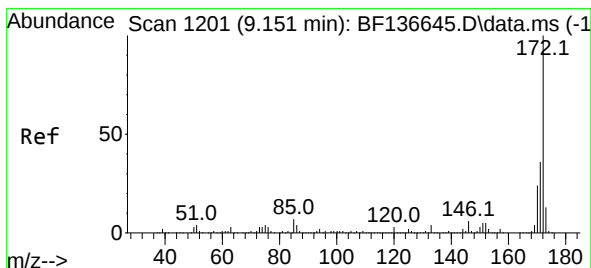
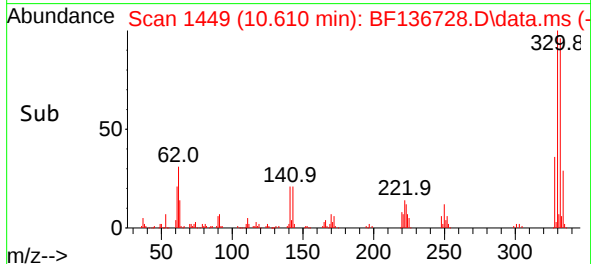
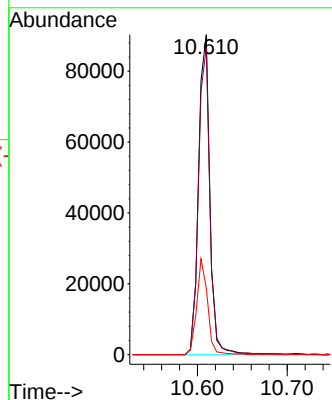
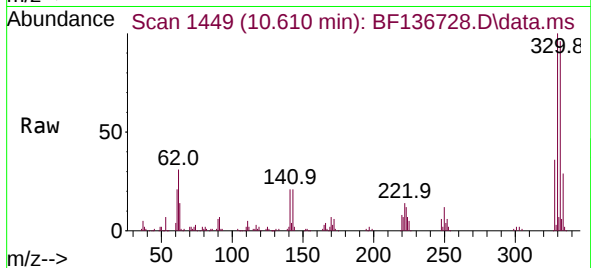
Tgt Ion:330 Resp: 79288

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

141 28.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 44.332 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136728.D

Acq: 26 Dec 2023 19:59

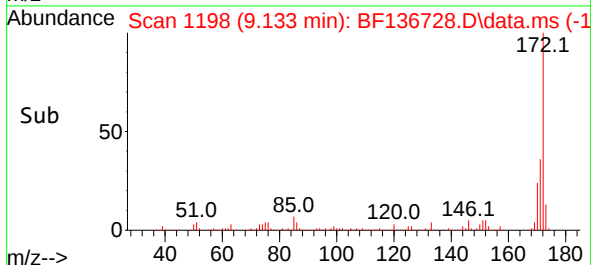
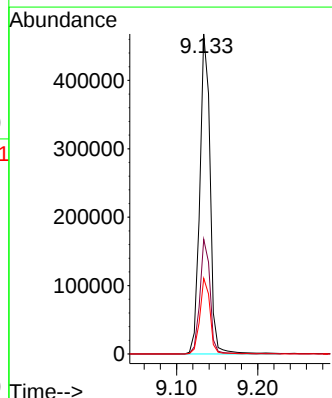
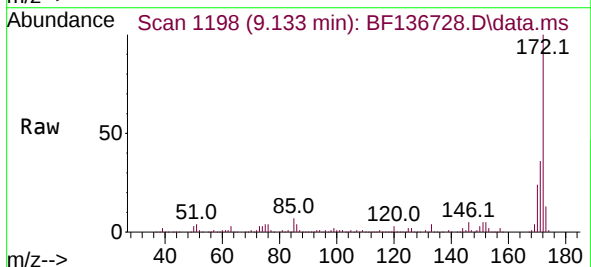
Tgt Ion:172 Resp: 414543

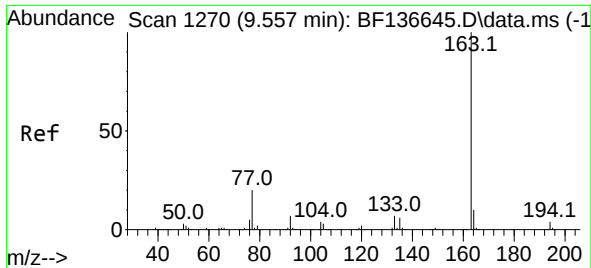
Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 23.7 19.0 28.4

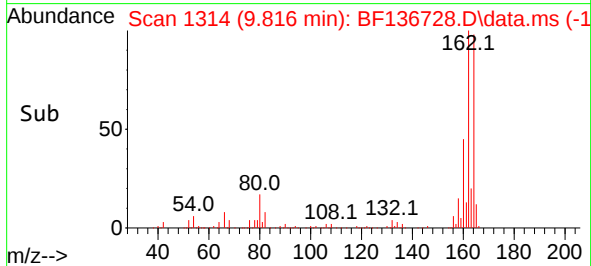
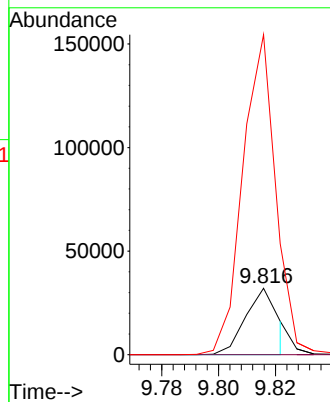
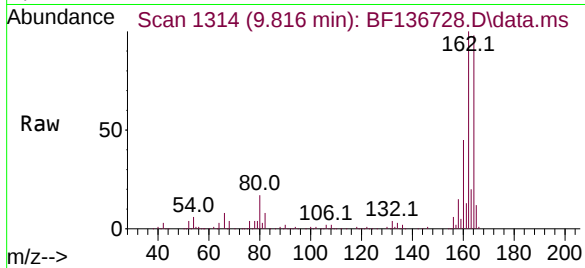




#50
Dimethylphthalate
Concen: 2.759 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136728.D
Acq: 26 Dec 2023 19:59

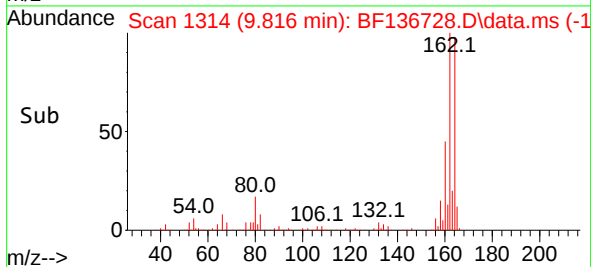
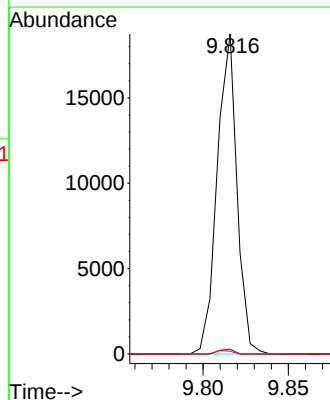
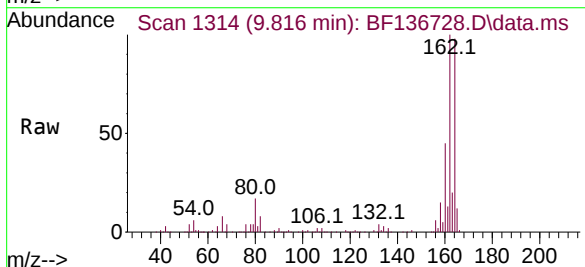
Instrument :
BNA_F
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S-1-SOUTH-SIDE

Tgt Ion:163 Resp: 25342
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 481.7 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.255 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136728.D
Acq: 26 Dec 2023 19:59

Tgt Ion:165 Resp: 15125
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 0.8 38.8 58.2#

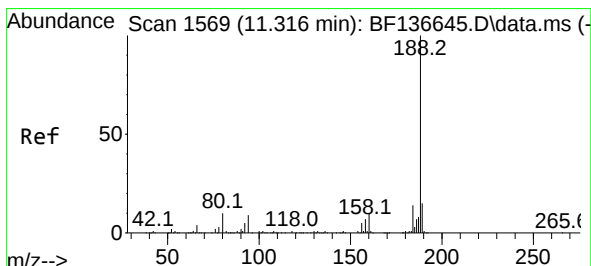
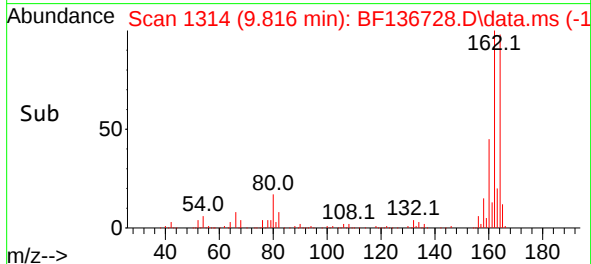
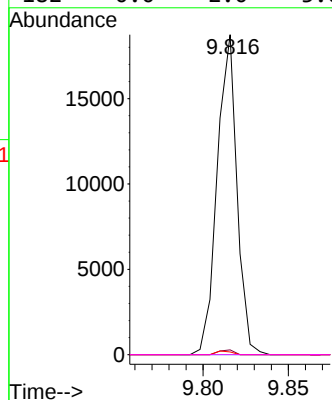
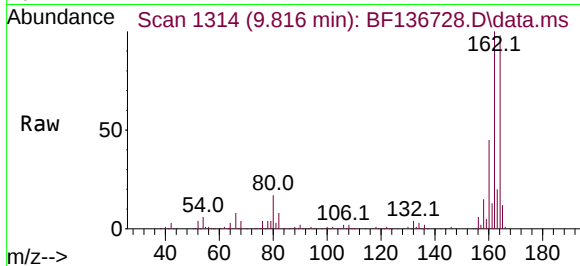




#57
2,4-Dinitrotoluene
Concen: 5.588 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136728.D
Acq: 26 Dec 2023 19:59

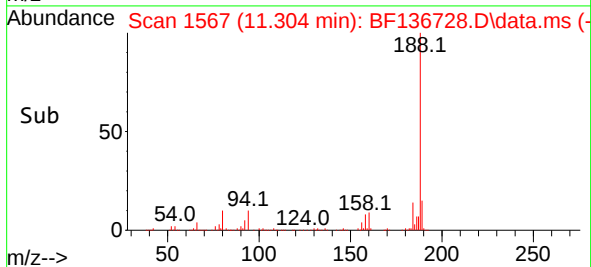
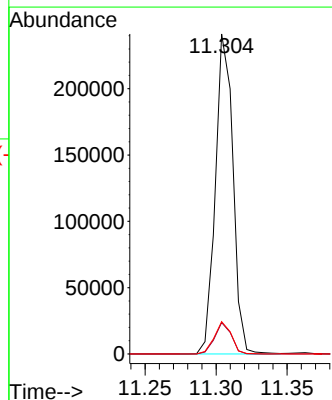
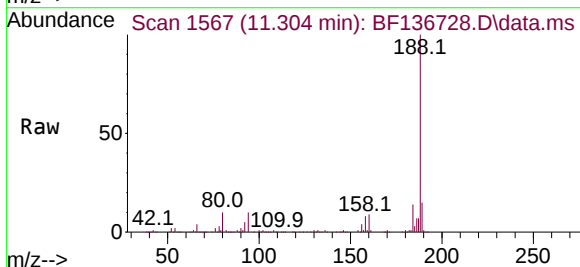
Instrument :
BNA_F
ClientSampleId :
S-1-SOUTH-SIDE

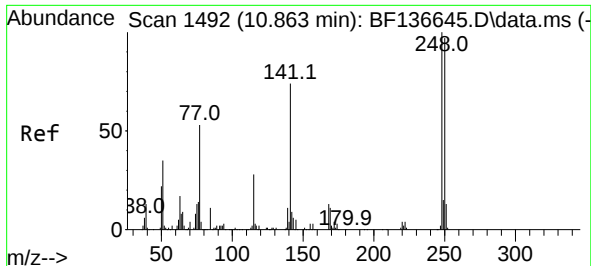
Tgt Ion:	165	Resp:	15125
Ion Ratio	Lower	Upper	
165	100		
63	1.5	41.0	61.6#
89	0.8	59.9	89.9#
182	0.0	2.0	3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136728.D
Acq: 26 Dec 2023 19:59

Tgt Ion:	188	Resp:	207003
Ion Ratio	Lower	Upper	
188	100		
94	9.8	7.5	11.3
80	10.1	8.1	12.1

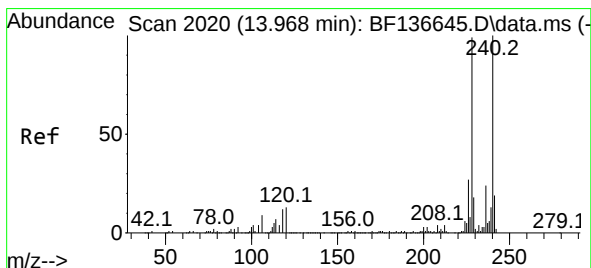
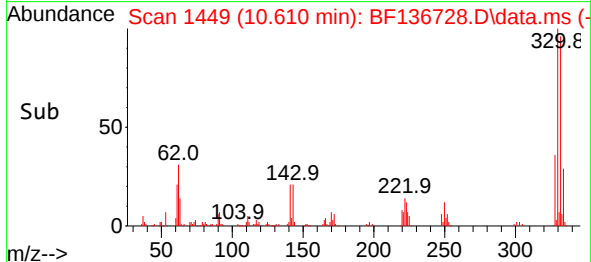
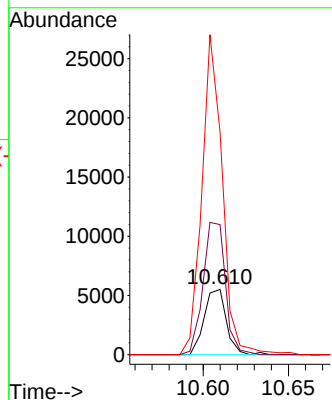
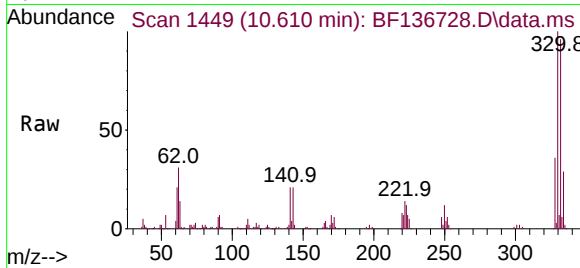




#67
4-Bromophenyl-phenylether
Concen: 2.188 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136728.D
Acq: 26 Dec 2023 19:59

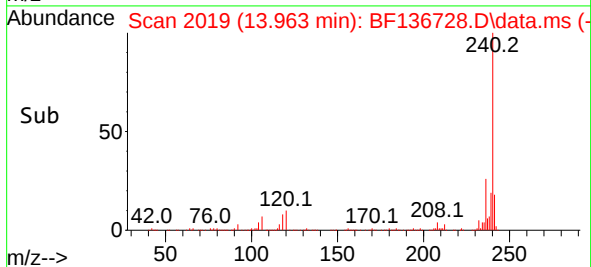
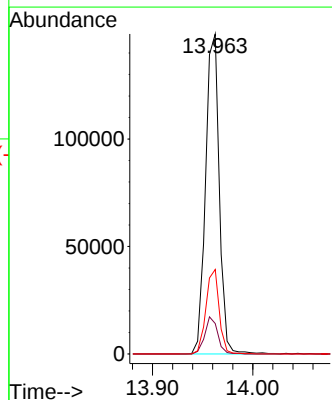
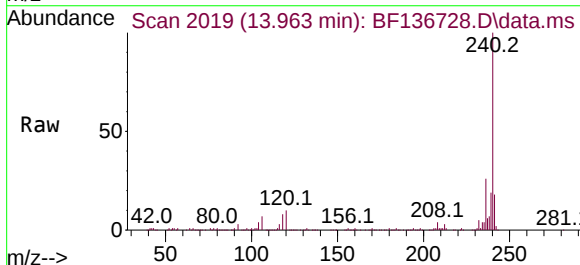
Instrument :
BNA_F
ClientSampleId :
S-1-SOUTH-SIDE

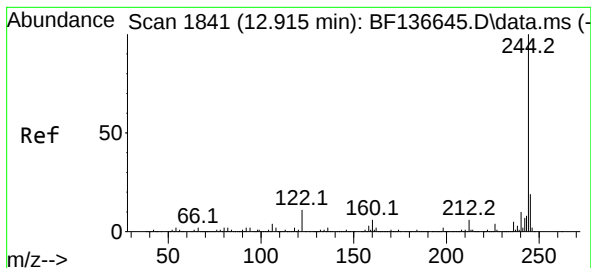
Tgt Ion:248 Resp: 5029
Ion Ratio Lower Upper
248 100
250 199.2 77.8 116.6#
141 341.3 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136728.D
Acq: 26 Dec 2023 19:59

Tgt Ion:240 Resp: 142356
Ion Ratio Lower Upper
240 100
120 9.5 10.3 15.5#
236 26.4 19.4 29.2





#79

Terphenyl-d14

Concen: 33.527 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136728.D

Acq: 26 Dec 2023 19:59

Instrument :

BNA_F

ClientSampleId :

S-1-SOUTH-SIDE

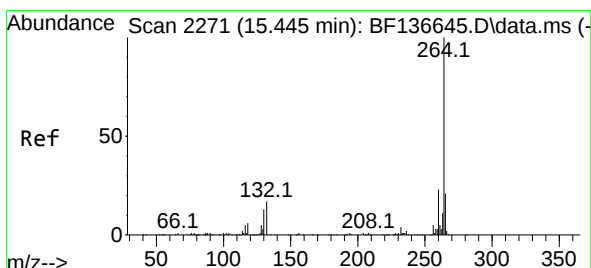
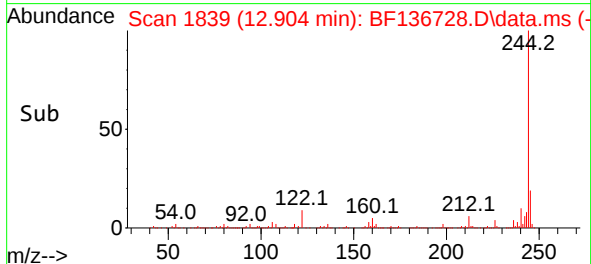
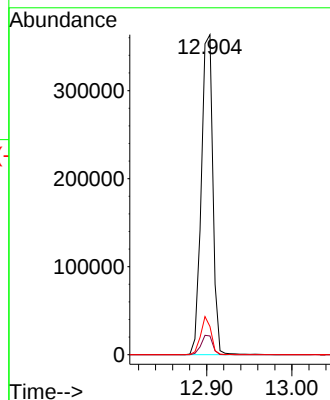
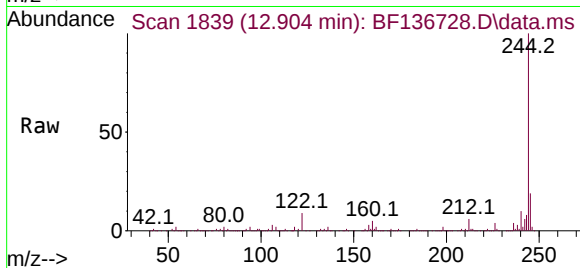
Tgt Ion:244 Resp: 341525

Ion Ratio Lower Upper

244 100

212 5.8 5.0 7.4

122 8.8 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF136728.D

Acq: 26 Dec 2023 19:59

Tgt Ion:264 Resp: 137296

Ion Ratio Lower Upper

264 100

260 23.2 18.3 27.5

265 21.9 17.0 25.6

