

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136819.D
 Acq On : 29 Dec 2023 10:03
 Operator : CG\JU
 Sample : PB157996BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157996BL

Quant Time: Dec 29 10:25:56 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)

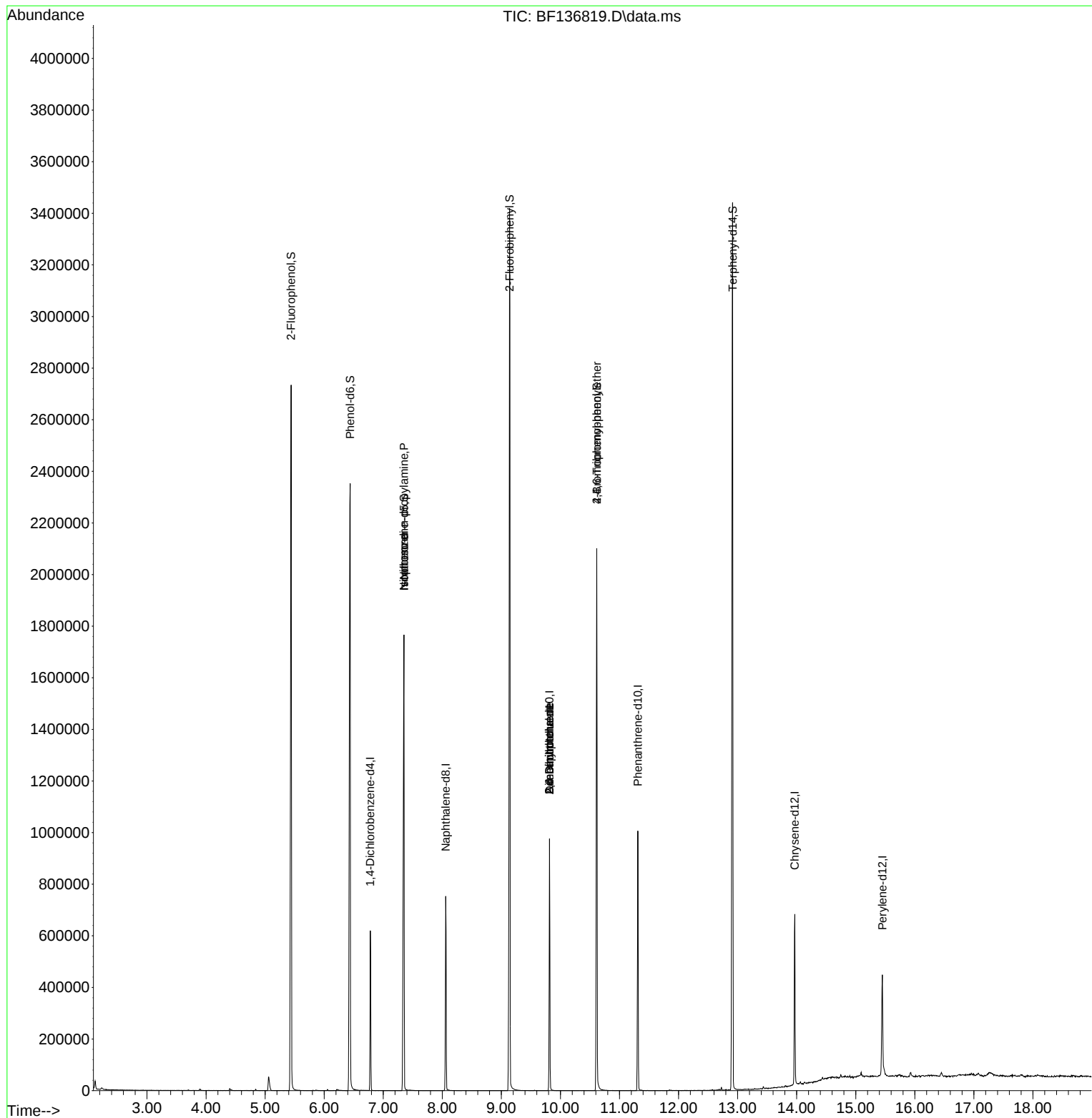
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	89718	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	351669	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	185135	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	362214	20.000	ng	0.00
76) Chrysene-d12	13.968	240	228286	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	198910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	828482	144.081	ng	0.01
7) Phenol-d6	6.440	99	1044043	140.126	ng	0.00
23) Nitrobenzene-d5	7.351	82	660719	96.141	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	295378	135.471	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1280426	93.022	ng	-0.01
79) Terphenyl-d14	12.916	244	1403431	85.912	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.351	70	87973	19.478	ng	# 72
25) Isophorone	7.351	82	659100	52.707	ng	# 65
50) Dimethylphthalate	9.816	163	35957	2.659	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	23463	7.645	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	23463	5.889	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	17236	4.285	ng	# 1

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

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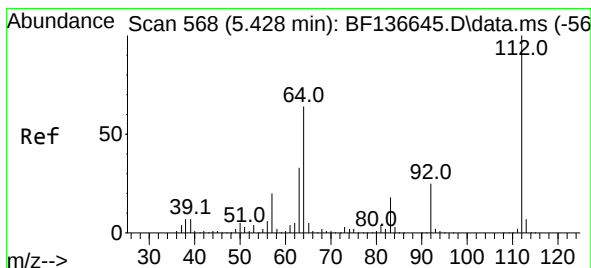
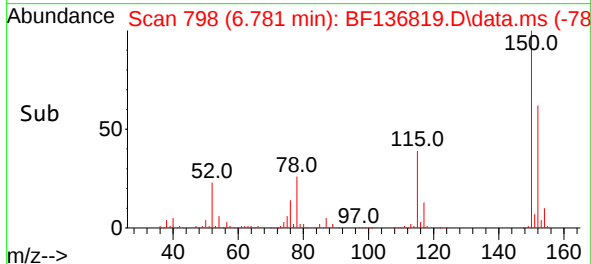
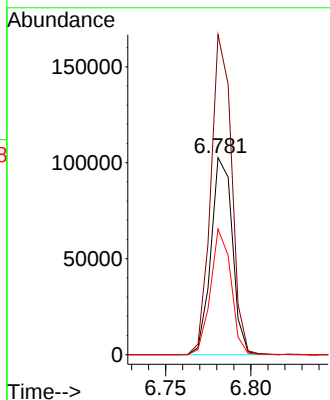
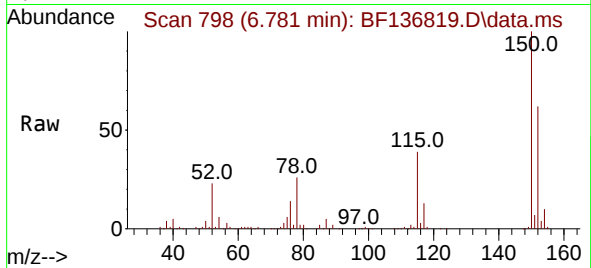




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03

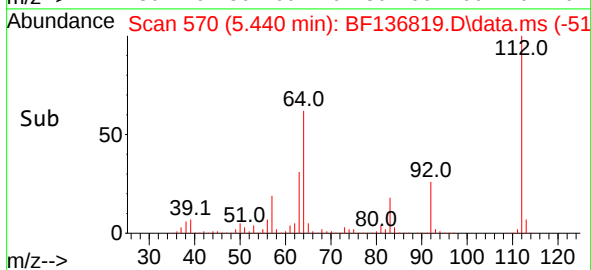
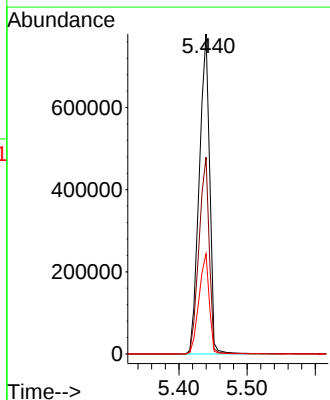
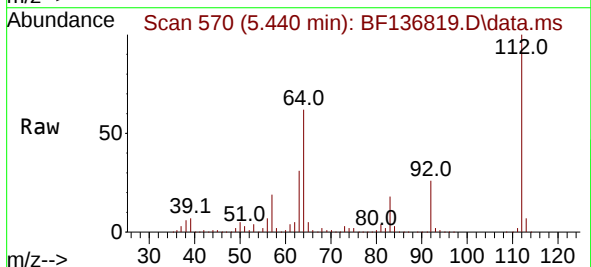
Instrument :
BNA_F
ClientSampleId :
PB157996BL

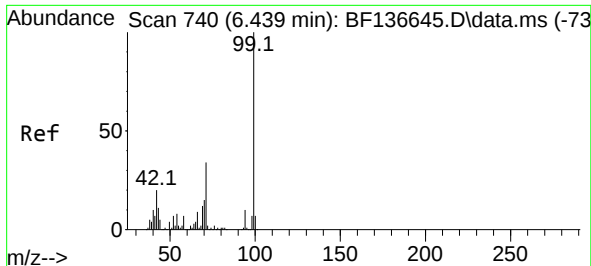
Tgt Ion:152 Resp: 89718
Ion Ratio Lower Upper
152 100
150 162.4 127.0 190.6
115 63.7 49.0 73.4



#5
2-Fluorophenol
Concen: 144.081 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03

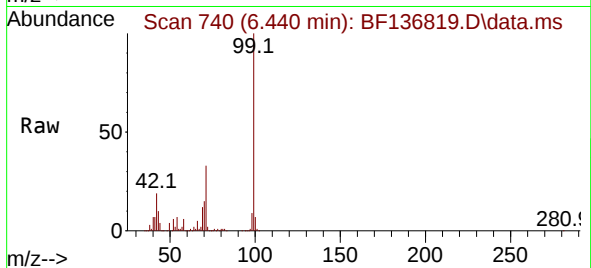
Tgt Ion:112 Resp: 828482
Ion Ratio Lower Upper
112 100
64 61.5 51.1 76.7
63 31.2 26.1 39.1





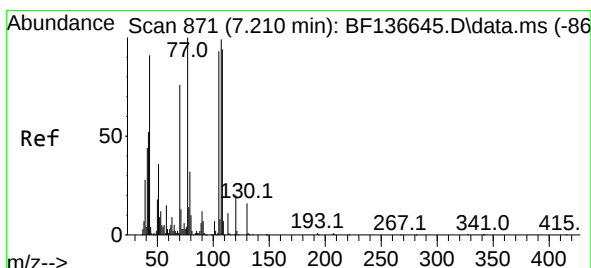
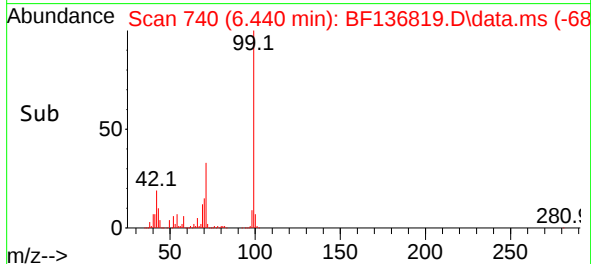
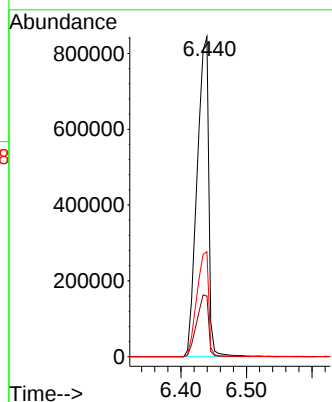
#7
Phenol-d6
Concen: 140.126 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03

Instrument :
BNA_F
ClientSampleId :
PB157996BL



Tgt Ion: 99 Resp: 1044043

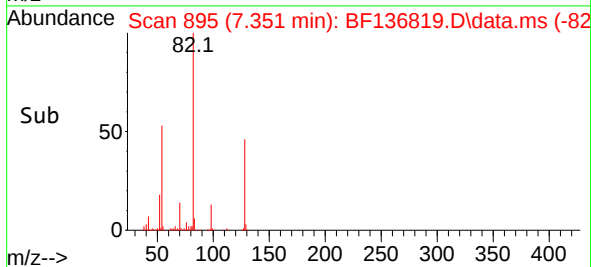
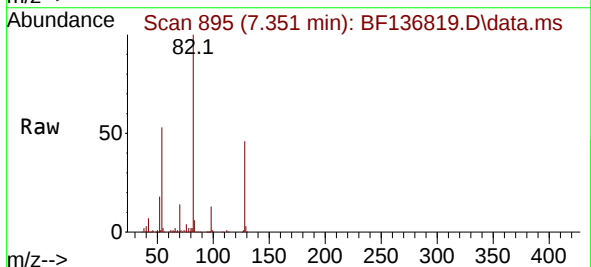
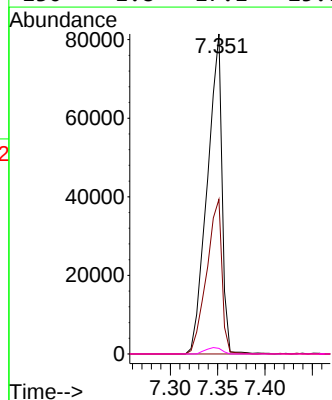
Ion	Ratio	Lower	Upper
99	100		
42	19.0	16.1	24.1
71	32.8	27.4	41.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.478 ng
RT: 7.351 min Scan# 895
Delta R.T. 0.141 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03

Tgt Ion: 70 Resp: 87973

Ion	Ratio	Lower	Upper
70	100		
42	48.3	54.2	81.4#
101	0.0	7.6	11.4#
130	1.8	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: BF136819.D
Acq: 29 Dec 2023 10:03

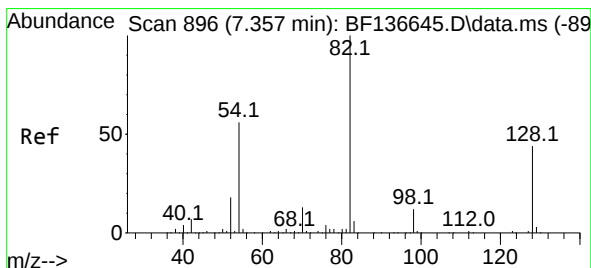
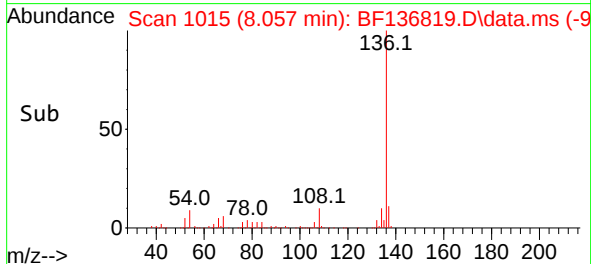
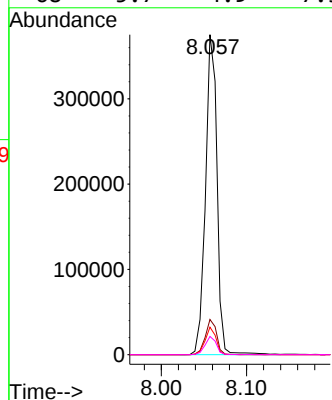
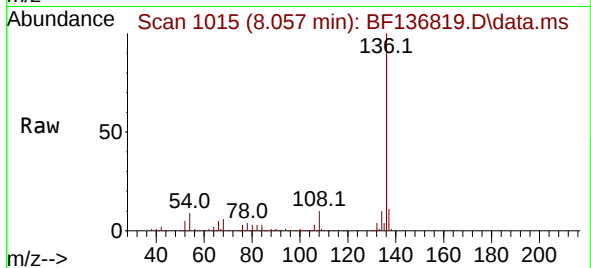
Instrument :

BNA_F

ClientSampleId :

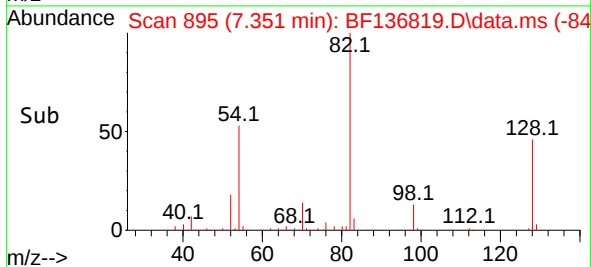
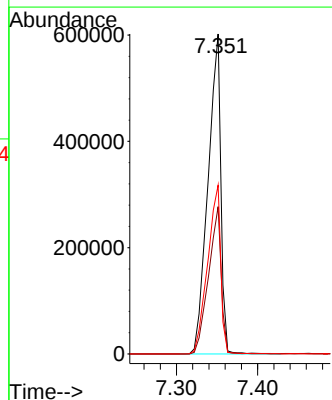
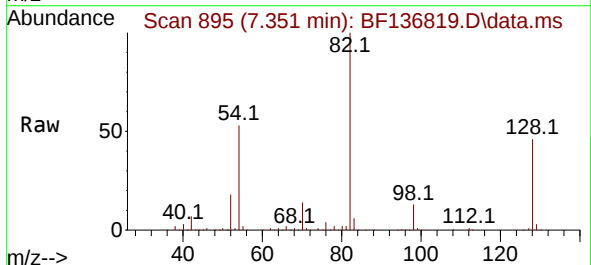
PB157996BL

Tgt Ion:136 Resp: 351669
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 8.6 7.2 10.8
68 5.7 4.9 7.3



#23
Nitrobenzene-d5
Concen: 96.141 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.006 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03

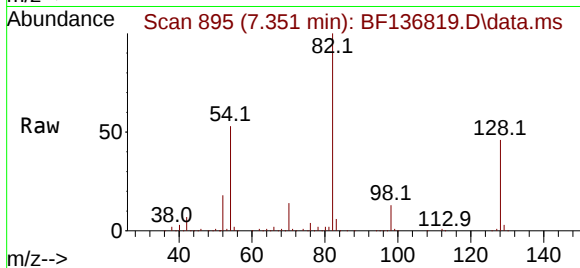
Tgt Ion: 82 Resp: 660719
Ion Ratio Lower Upper
82 100
128 46.1 35.3 52.9
54 52.7 44.5 66.7



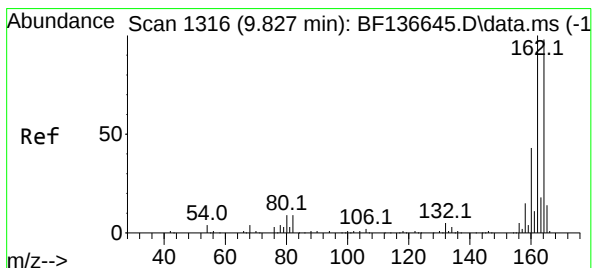
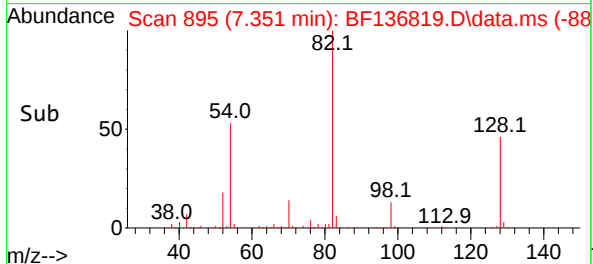
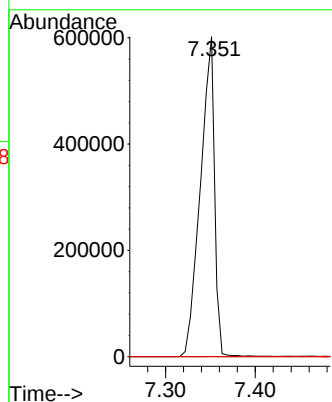


#25
Isophorone
Concen: 52.707 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.265 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03

Instrument :
BNA_F
ClientSampleId :
PB157996BL

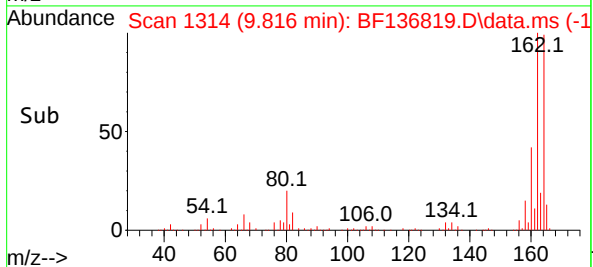
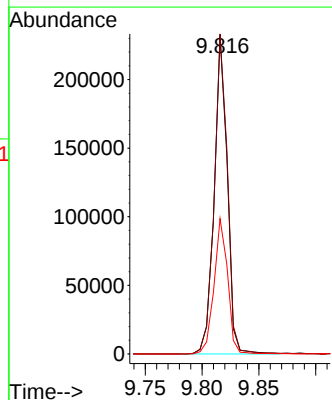
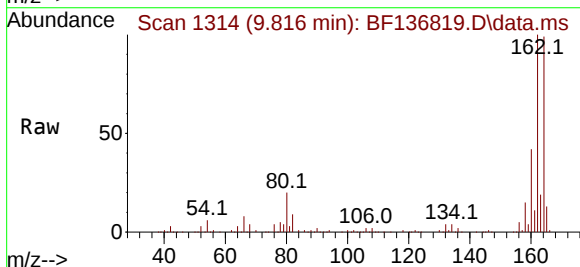


Tgt Ion: 82 Resp: 659100
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03

Tgt Ion:164 Resp: 185135
Ion Ratio Lower Upper
164 100
162 100.8 81.6 122.4
160 42.7 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 135.471 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136819.D

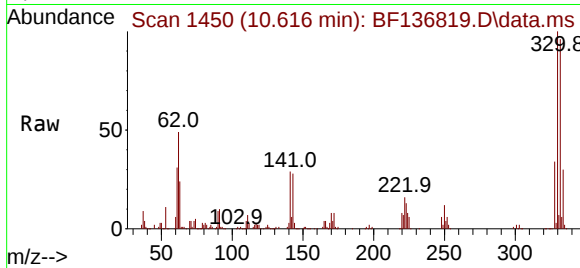
Acq: 29 Dec 2023 10:03

Instrument :

BNA_F

ClientSampleId :

PB157996BL



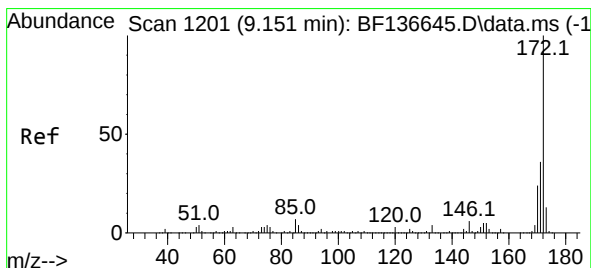
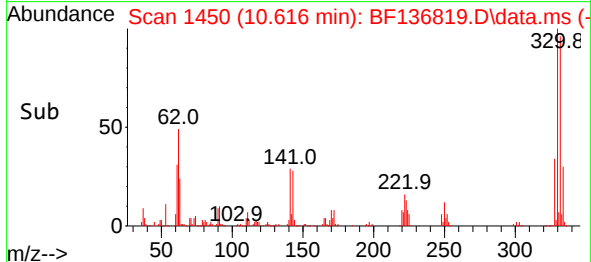
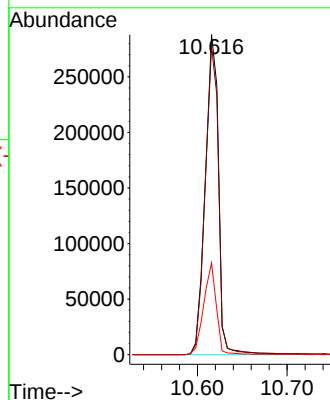
Tgt Ion:330 Resp: 295378

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.0

141 27.4 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 93.022 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136819.D

Acq: 29 Dec 2023 10:03

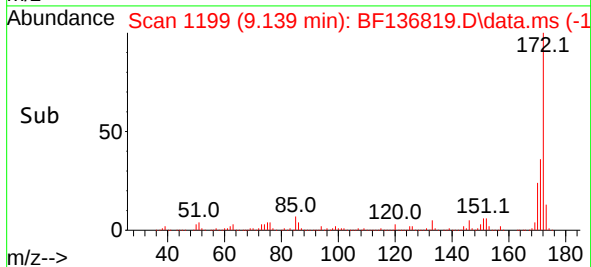
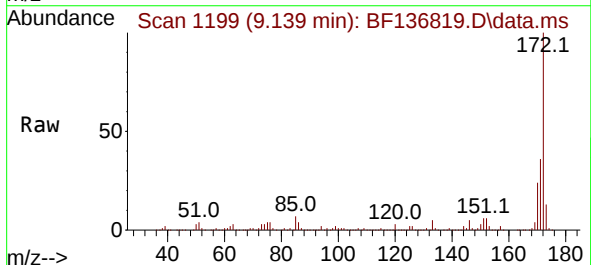
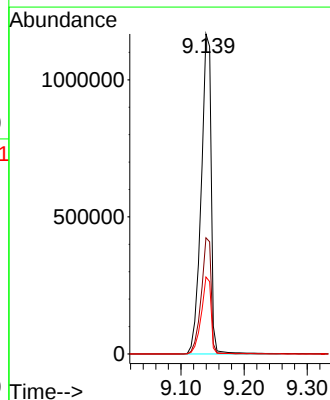
Tgt Ion:172 Resp: 1280426

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.6

170 24.1 19.0 28.4

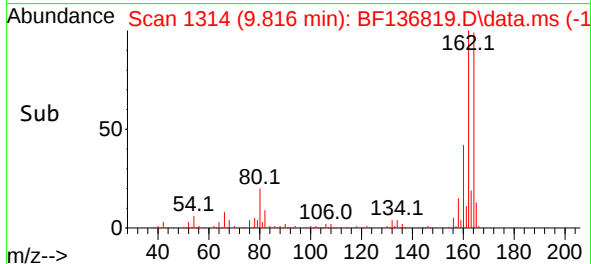
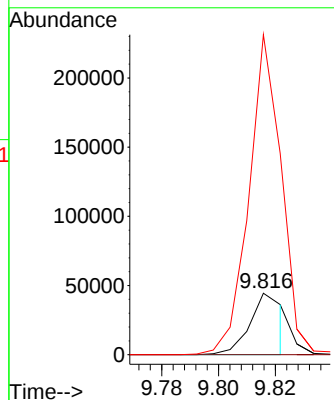
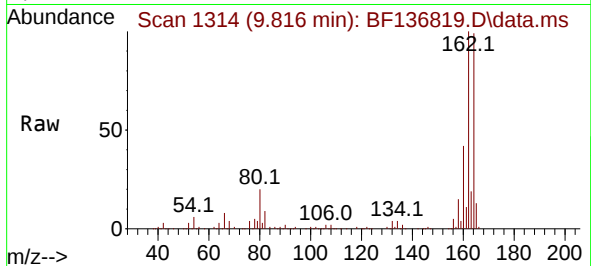




#50
Dimethylphthalate
Concen: 2.659 ng
RT: 9.816 min Scan# 11
Delta R.T. 0.259 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03

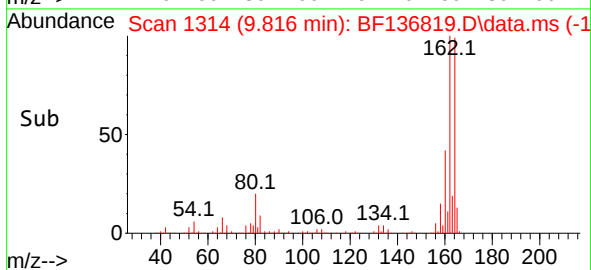
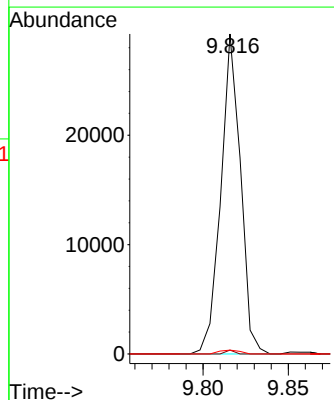
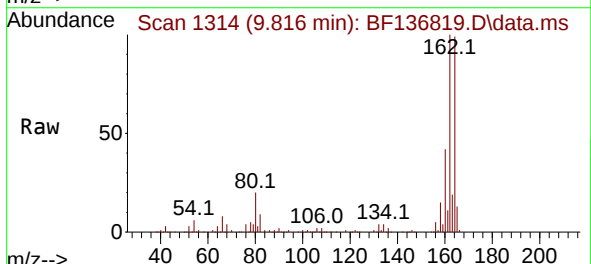
Instrument :
BNA_F
ClientSampleId :
PB157996BL

Tgt Ion:163 Resp: 35957
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 520.1 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.645 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03

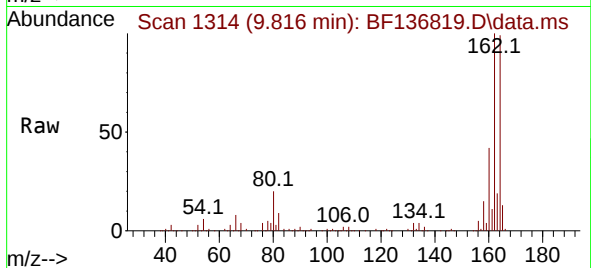
Tgt Ion:165 Resp: 23463
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.2 38.8 58.2#



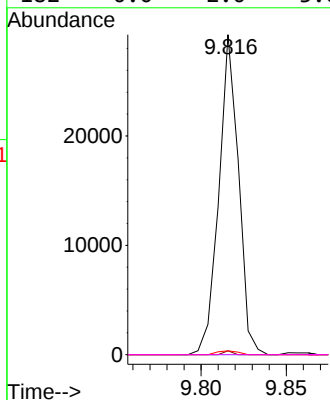
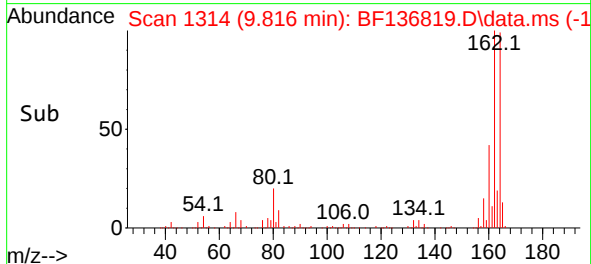


#57
2,4-Dinitrotoluene
Concen: 5.889 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03

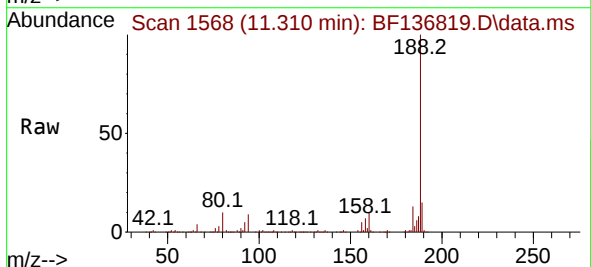
Instrument :
BNA_F
ClientSampleId :
PB157996BL



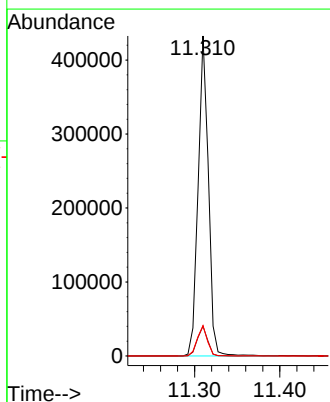
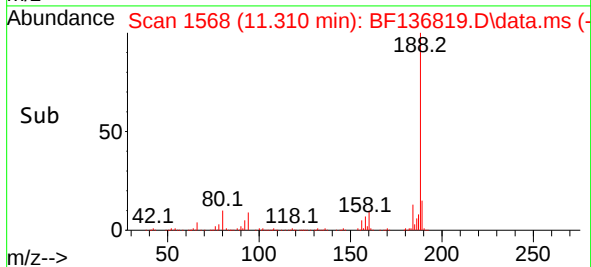
Tgt Ion:165 Resp: 23463
Ion Ratio Lower Upper
165 100
63 1.2 41.0 61.6#
89 1.2 59.9 89.9#
182 0.0 2.0 3.0#

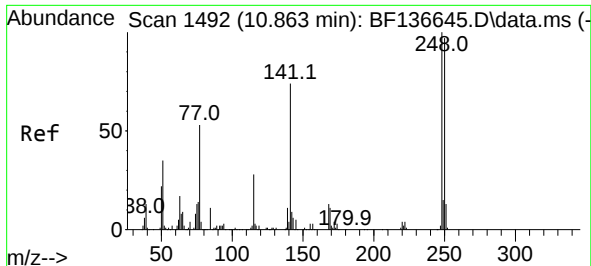


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03



Tgt Ion:188 Resp: 362214
Ion Ratio Lower Upper
188 100
94 9.3 7.5 11.3
80 9.5 8.1 12.1

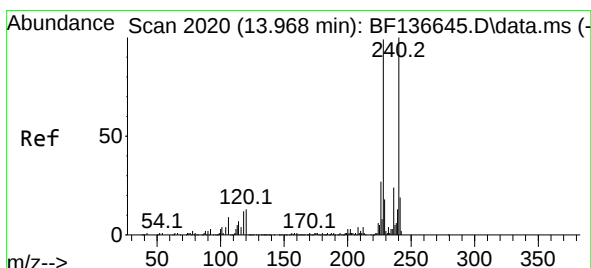
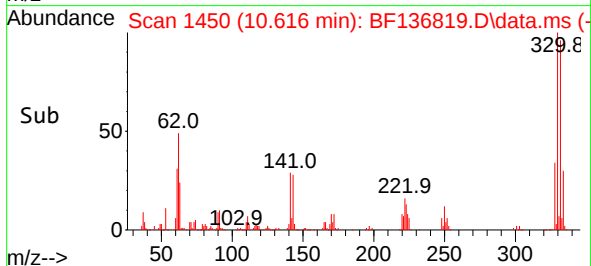
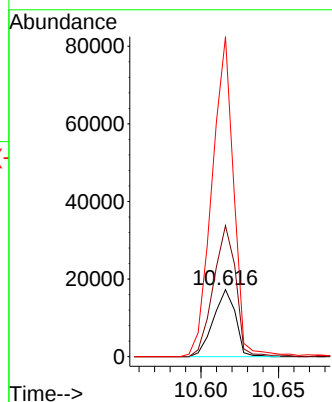
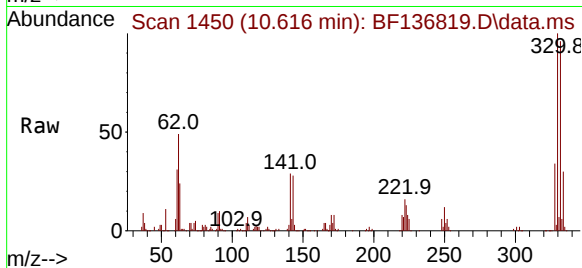




#67
4-Bromophenyl-phenylether
Concen: 4.285 ng
RT: 10.616 min Scan# 1492
Delta R.T. -0.247 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03

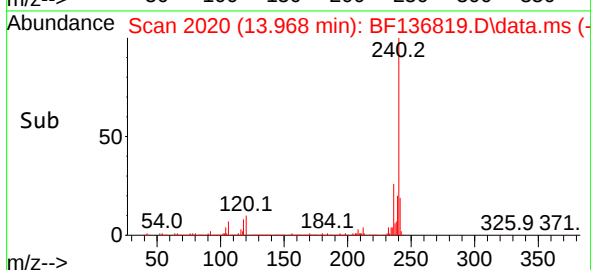
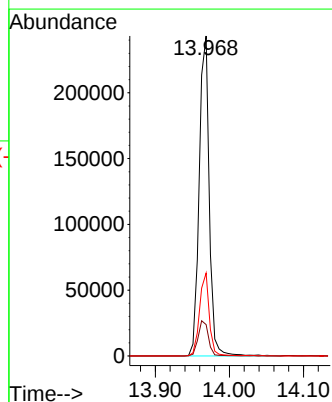
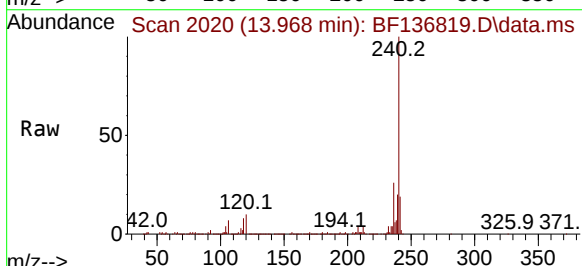
Instrument :
BNA_F
ClientSampleId :
PB157996BL

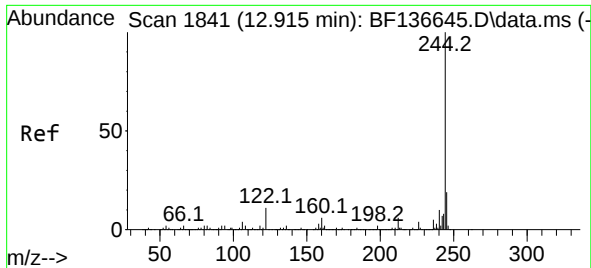
Tgt Ion:248 Resp: 17236
Ion Ratio Lower Upper
248 100
250 195.5 77.8 116.6#
141 477.3 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136819.D
Acq: 29 Dec 2023 10:03

Tgt Ion:240 Resp: 228286
Ion Ratio Lower Upper
240 100
120 9.8 10.3 15.5#
236 25.9 19.4 29.2

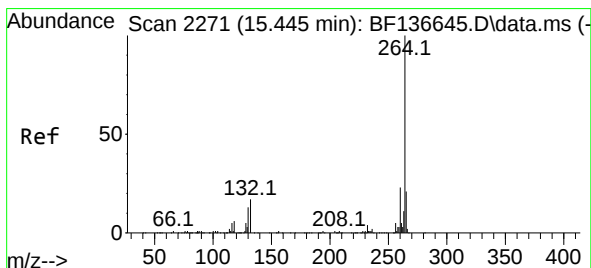
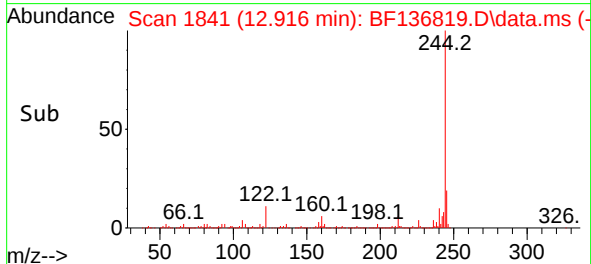
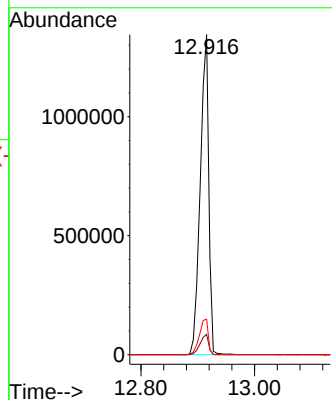
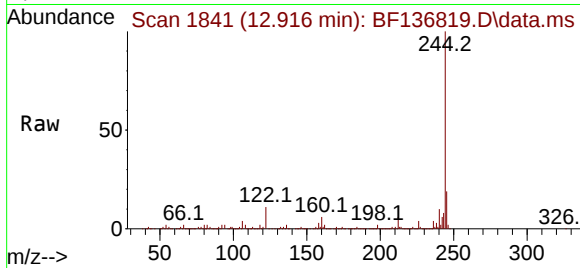




#79
 Terphenyl-d14
 Concen: 85.912 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF136819.D
 Acq: 29 Dec 2023 10:03

Instrument :
 BNA_F
 ClientSampleId :
 PB157996BL

Tgt Ion:244 Resp: 1403431
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 11.1 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: BF136819.D
 Acq: 29 Dec 2023 10:03

Tgt Ion:264 Resp: 198910
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.3 27.5
 265 20.8 17.0 25.6

