

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136844.D
 Acq On : 29 Dec 2023 23:39
 Operator : CG\JU
 Sample : 05975-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS01-GW-122023

Quant Time: Dec 30 03:09:13 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)

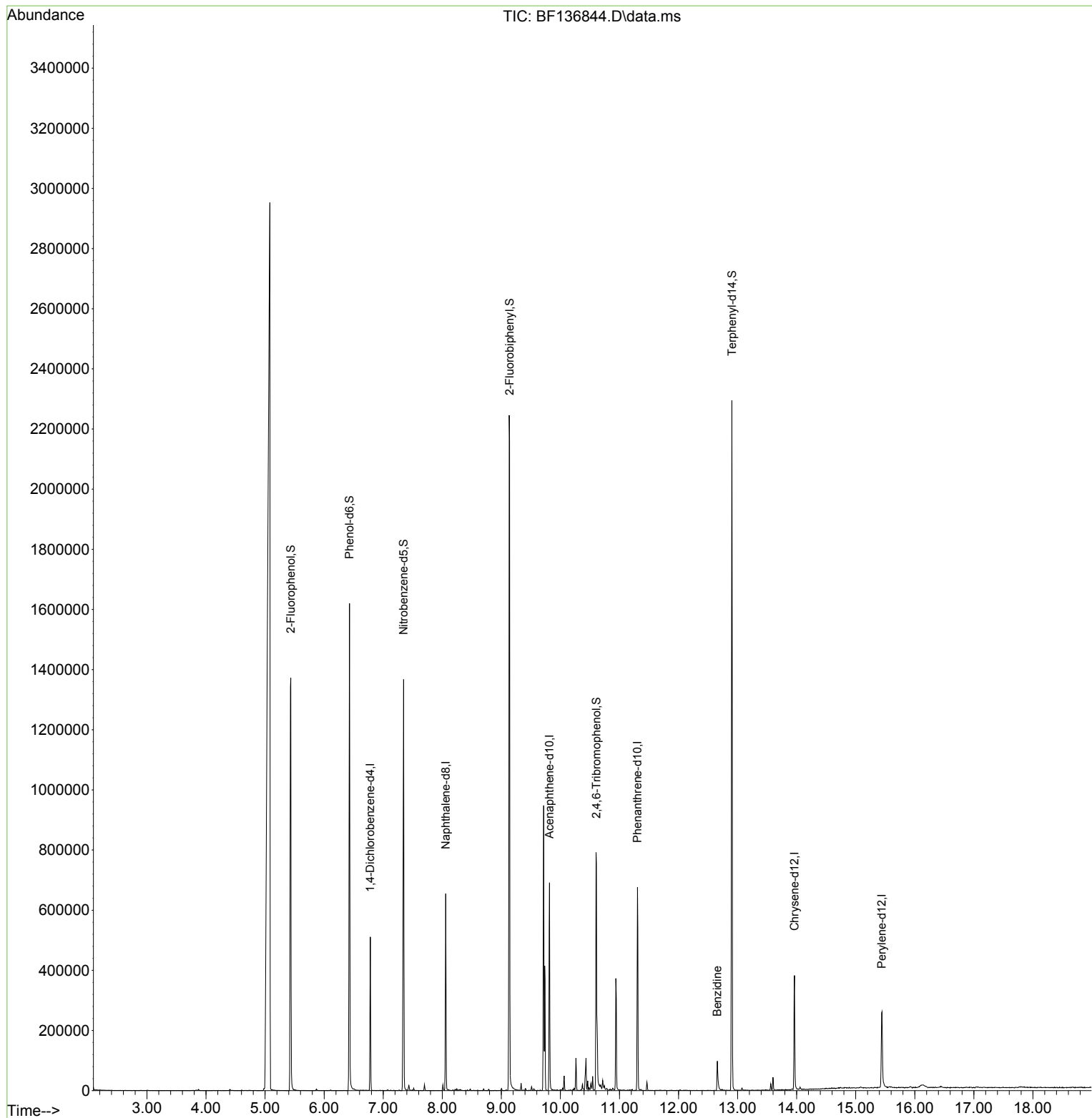
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	67661	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	266066	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	137323	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	250817	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	140178	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	139006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	393901	90.835	ng	0.00
7) Phenol-d6	6.428	99	513420	91.372	ng	-0.01
23) Nitrobenzene-d5	7.345	82	393993	75.775	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	107455	66.442	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	783905	76.778	ng	-0.01
79) Terphenyl-d14	12.904	244	816442	81.393	ng	-0.01
Target Compounds						
77) Benzidine	12.657	184	55319	13.384	ng	Qvalue 99

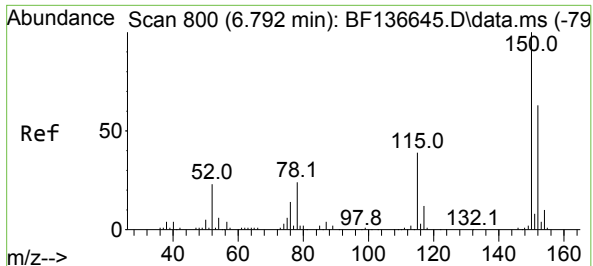
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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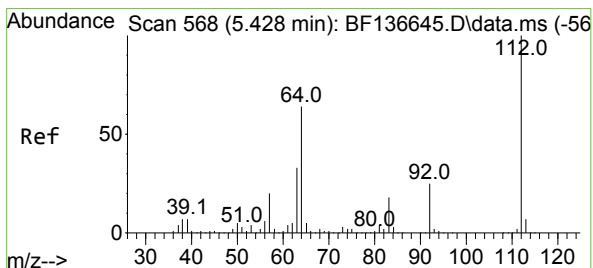
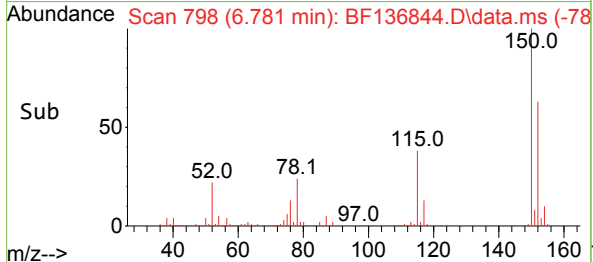
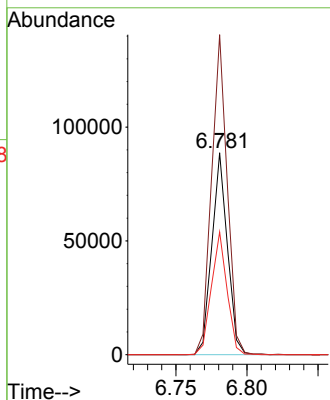
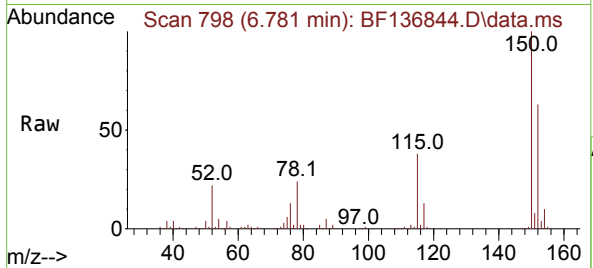




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

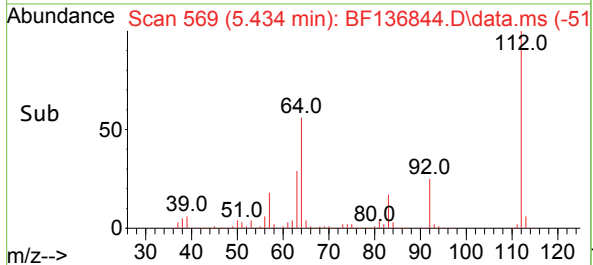
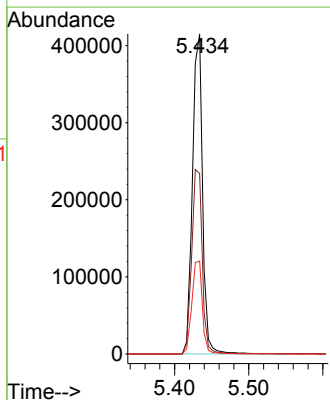
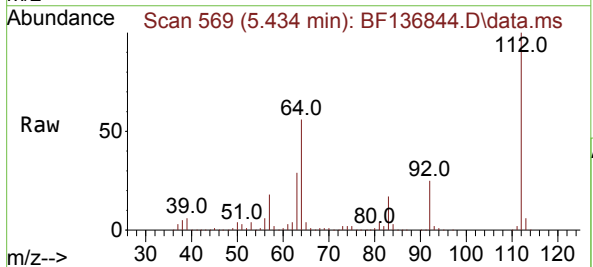
Instrument :
BNA_F
ClientSampleId :
DS01-GW-122023

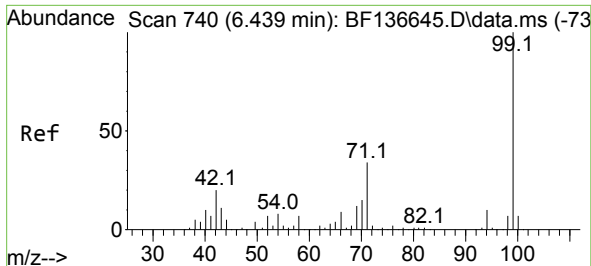
Tgt Ion:152 Resp: 67661
Ion Ratio Lower Upper
152 100
150 158.4 127.0 190.6
115 60.8 49.0 73.4



#5
2-Fluorophenol
Concen: 90.835 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

Tgt Ion:112 Resp: 393901
Ion Ratio Lower Upper
112 100
64 56.4 51.1 76.7
63 29.0 26.1 39.1

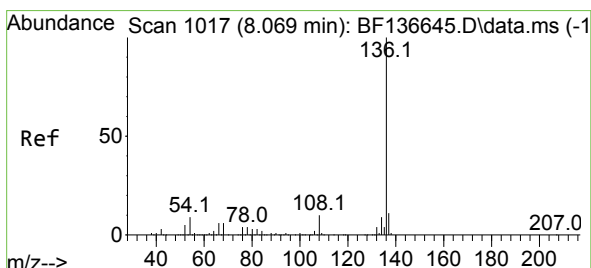
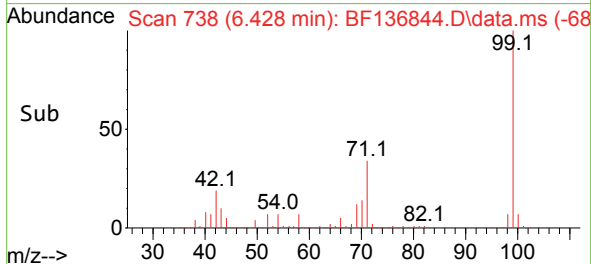
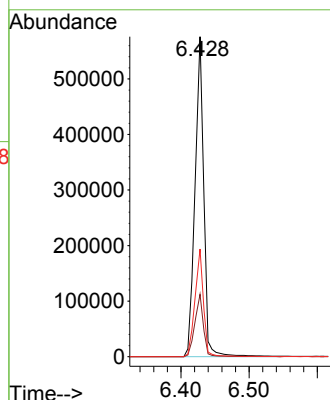
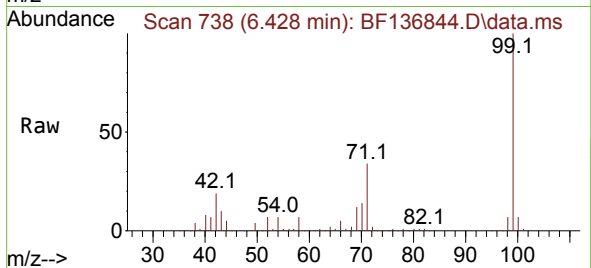




#7
Phenol-d6
Concen: 91.372 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

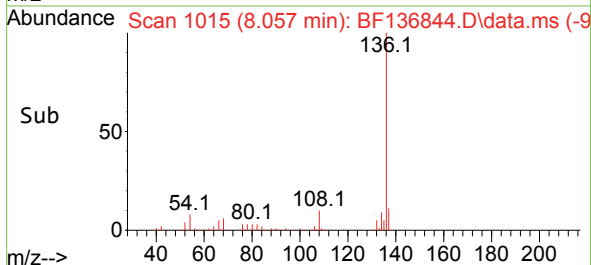
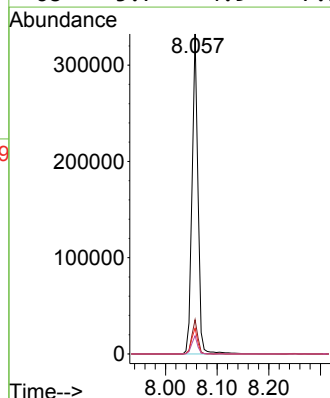
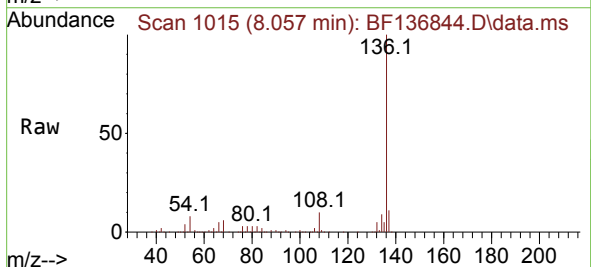
Instrument :
BNA_F
ClientSampleId :
DS01-GW-122023

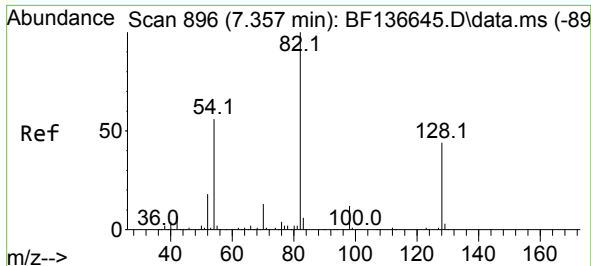
Tgt Ion: 99 Resp: 513420
Ion Ratio Lower Upper
99 100
42 19.5 16.1 24.1
71 33.7 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

Tgt Ion: 136 Resp: 266066
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.0 7.2 10.8
68 5.7 4.9 7.3

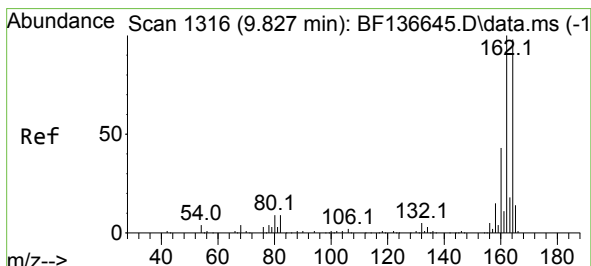
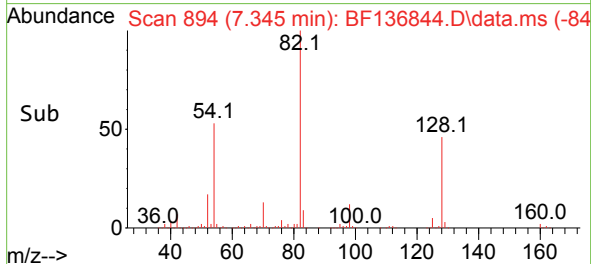
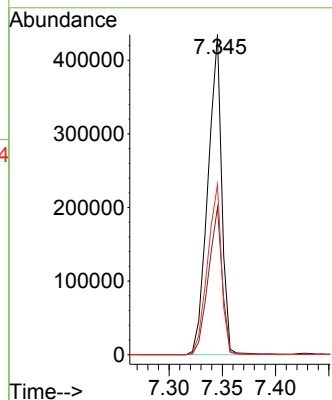
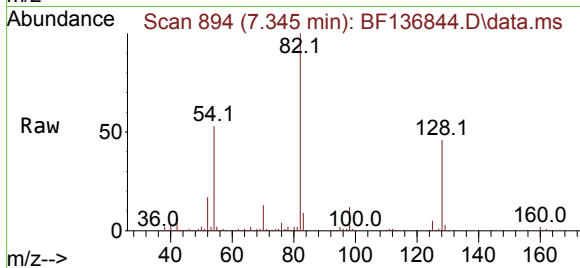




#23
Nitrobenzene-d5
Concen: 75.775 ng
RT: 7.345 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

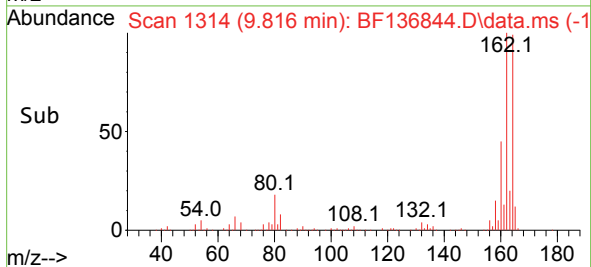
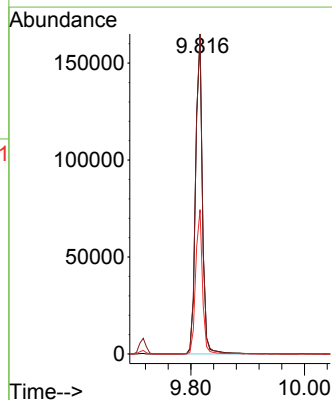
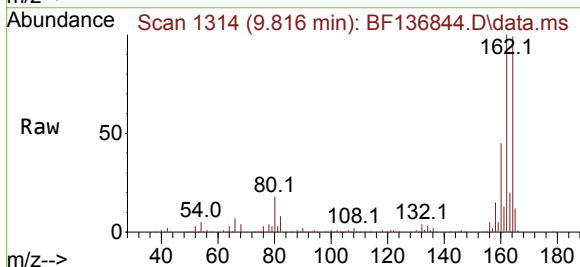
Instrument :
BNA_F
ClientSampleId :
DS01-GW-122023

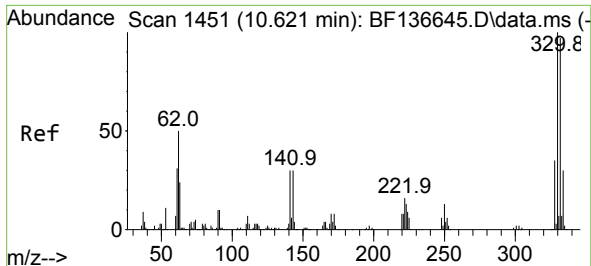
Tgt Ion: 82 Resp: 393993
Ion Ratio Lower Upper
82 100
128 46.0 35.3 52.9
54 53.1 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

Tgt Ion:164 Resp: 137323
Ion Ratio Lower Upper
164 100
162 101.1 81.6 122.4
160 45.6 34.9 52.3

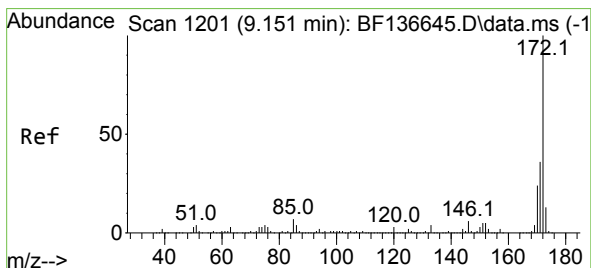
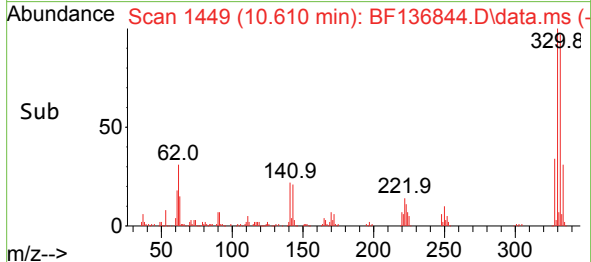
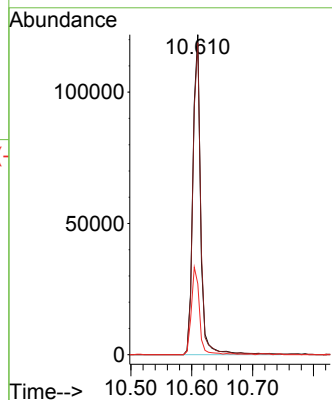
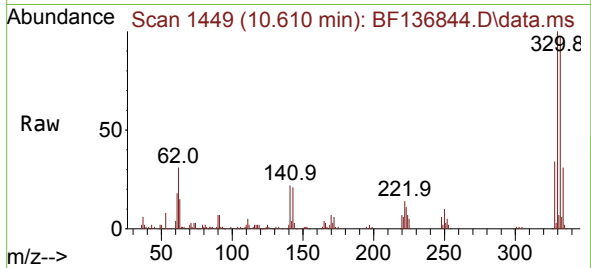




#42
2,4,6-Tribromophenol
Concen: 66.442 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

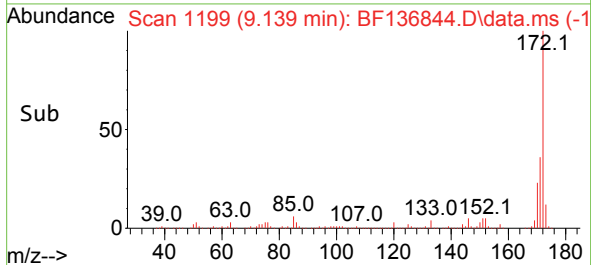
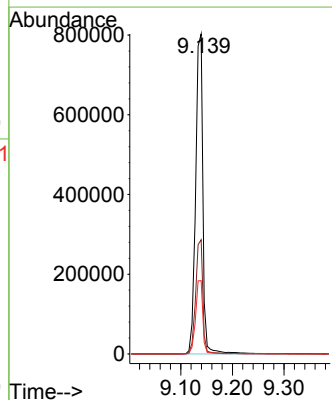
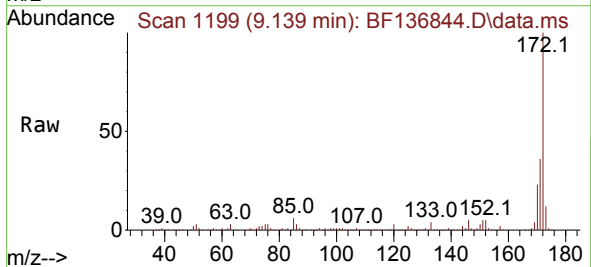
Instrument :
BNA_F
ClientSampleId :
DS01-GW-122023

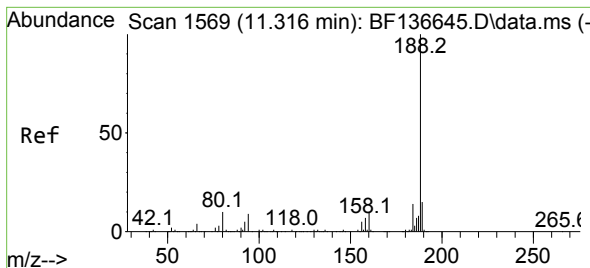
Tgt Ion:330 Resp: 107455
Ion Ratio Lower Upper
330 100
332 98.6 77.4 116.0
141 28.1 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 76.778 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

Tgt Ion:172 Resp: 783905
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 22.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136844.D

Acq: 29 Dec 2023 23:39

Instrument :

BNA_F

ClientSampleId :

DS01-GW-122023

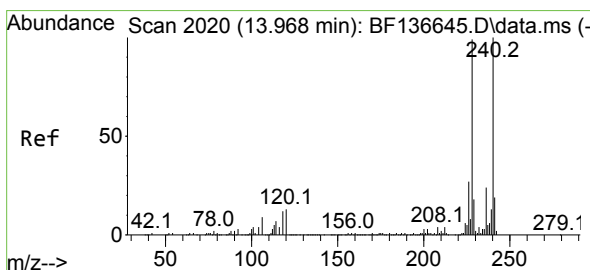
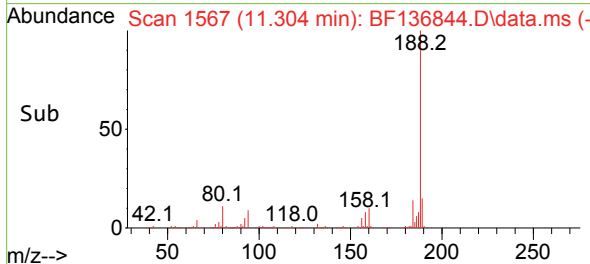
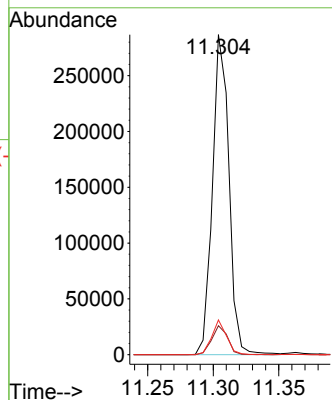
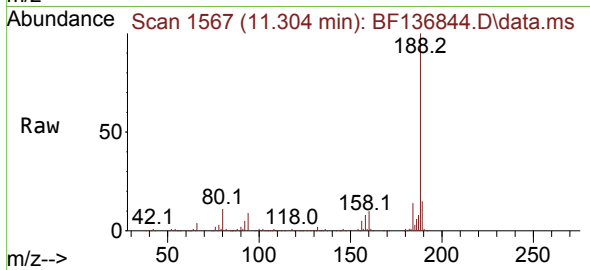
Tgt Ion:188 Resp: 250817

Ion Ratio Lower Upper

188 100

94 9.1 7.5 11.3

80 10.9 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: BF136844.D

Acq: 29 Dec 2023 23:39

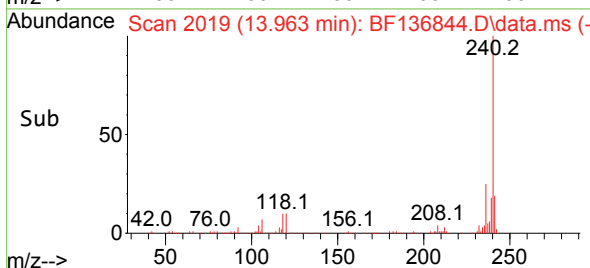
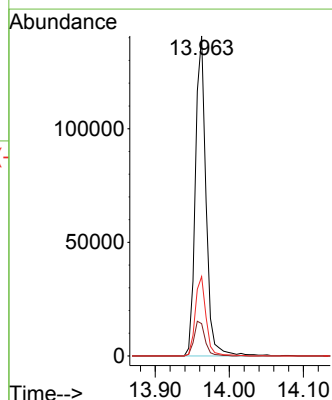
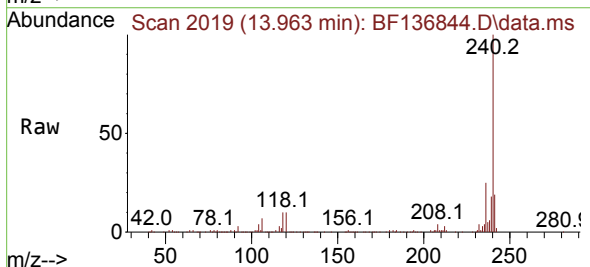
Tgt Ion:240 Resp: 140178

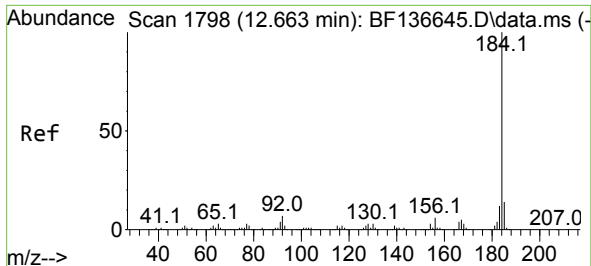
Ion Ratio Lower Upper

240 100

120 10.1 10.3 15.5#

236 24.8 19.4 29.2

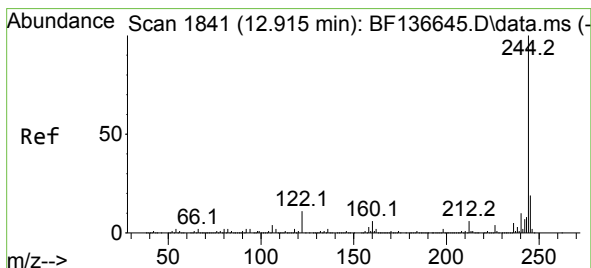
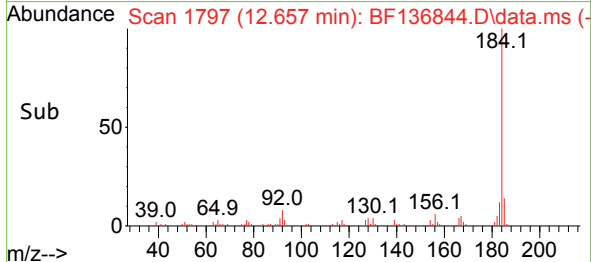
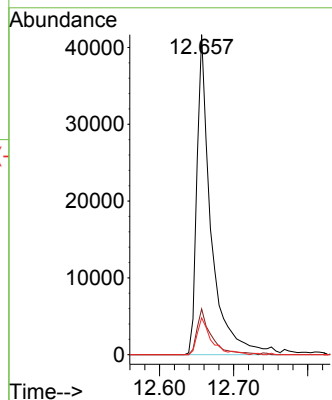
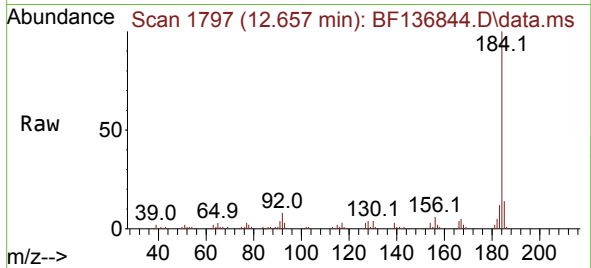




#77
Benzidine
Concen: 13.384 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

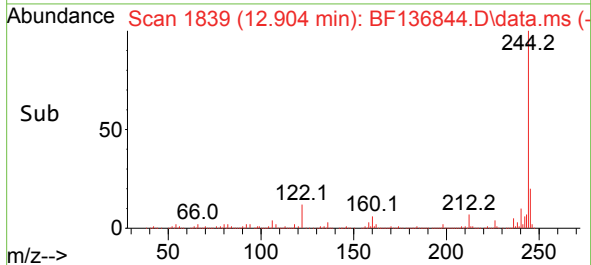
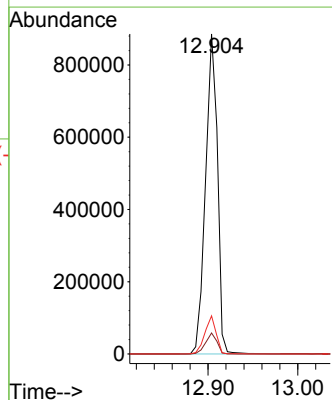
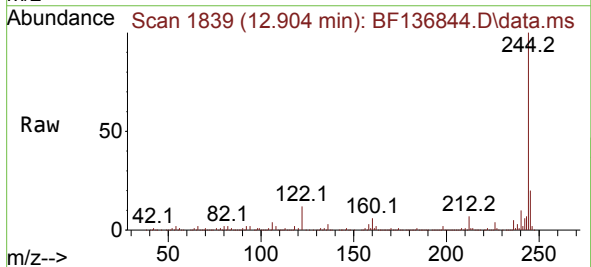
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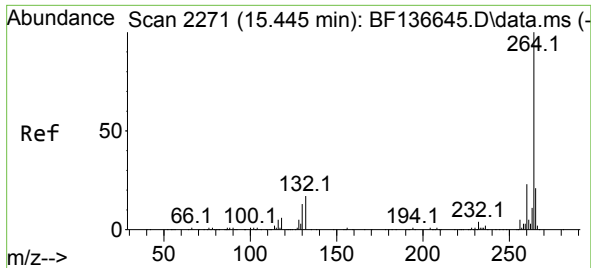
Tgt Ion:184 Resp: 55319
Ion Ratio Lower Upper
184 100
185 14.3 11.2 16.8
183 11.5 9.3 13.9



#79
Terphenyl-d14
Concen: 81.393 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

Tgt Ion:244 Resp: 816442
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 11.9 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136844.D
Acq: 29 Dec 2023 23:39

Instrument :
BNA_F
ClientSampleId :
DS01-GW-122023

Tgt Ion:264 Resp: 139006
Ion Ratio Lower Upper
264 100
260 22.1 18.3 27.5
265 21.5 17.0 25.6

