

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122923\
 Data File : BF136852.D
 Acq On : 30 Dec 2023 04:11
 Operator : CG\JU
 Sample : 06031-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-321-0-2

Quant Time: Dec 30 05:22:40 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	74170	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	283064	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	147755	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	276234	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	143440	20.000	ng	0.00
86) Perylene-d12	15.445	264	145173	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	515631	108.471	ng	0.00
7) Phenol-d6	6.428	99	594092	96.451	ng	-0.01
23) Nitrobenzene-d5	7.345	82	433414	78.351	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	178357	102.496	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	864017	78.650	ng	-0.01
79) Terphenyl-d14	12.904	244	858146	83.605	ng	-0.01

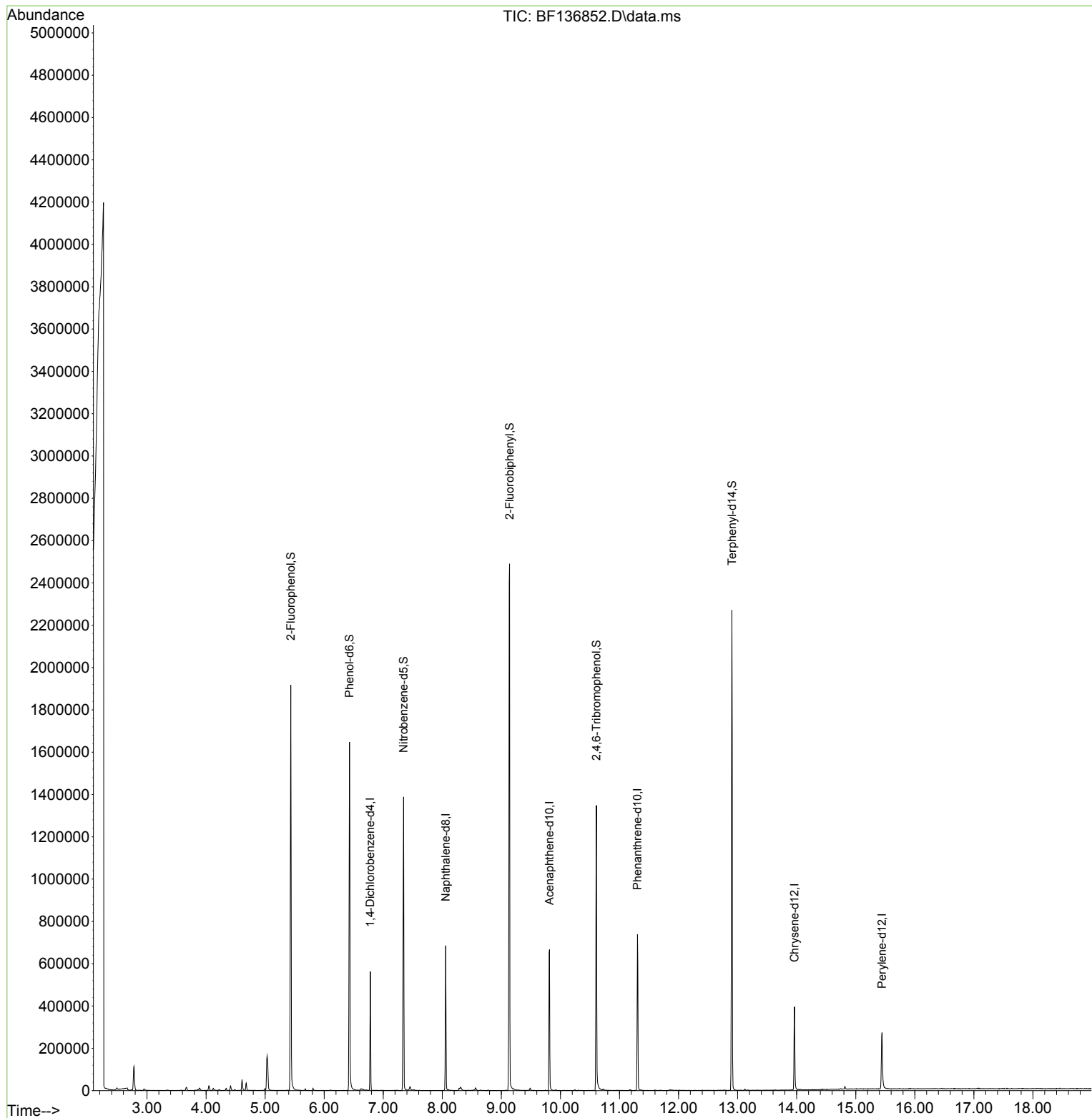
Target Compounds	Qvalue

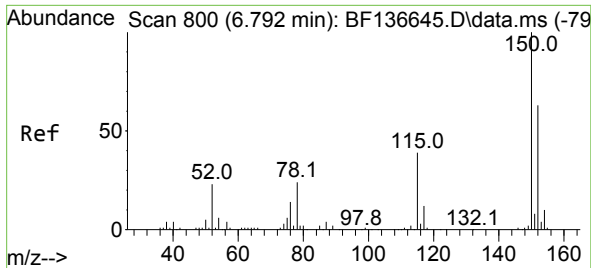
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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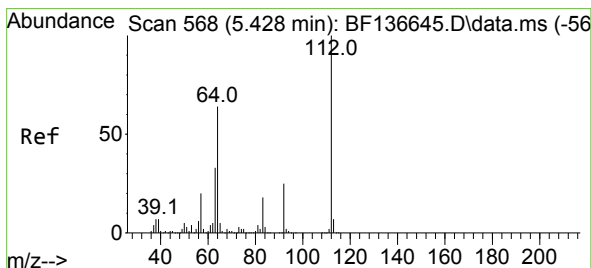
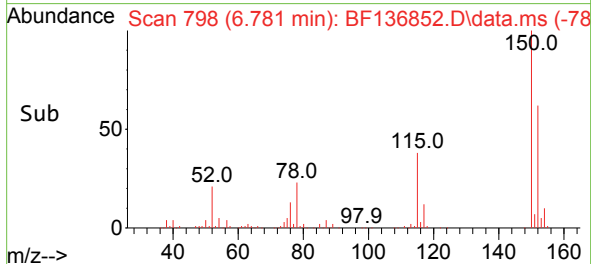
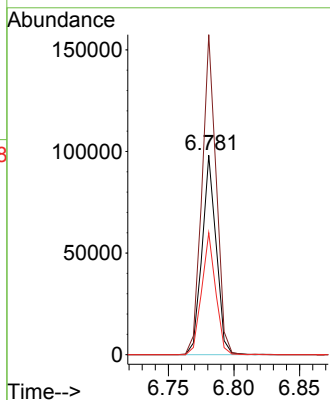
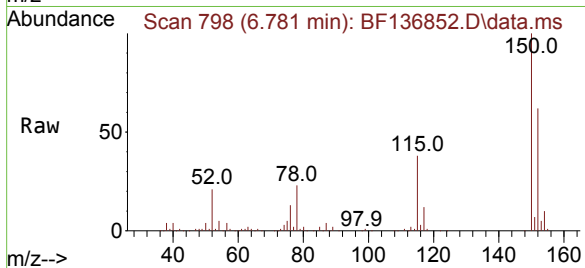




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

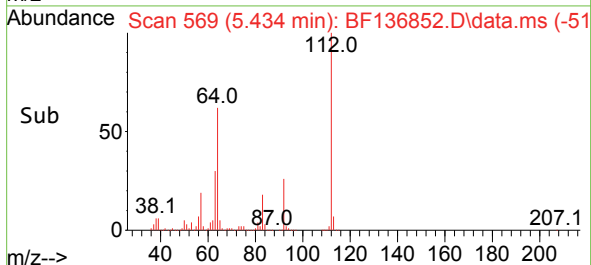
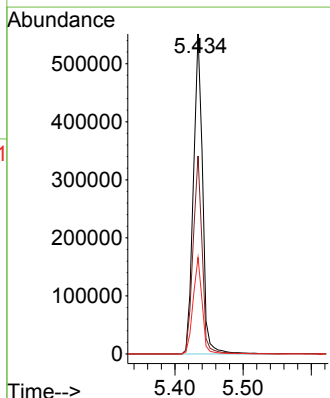
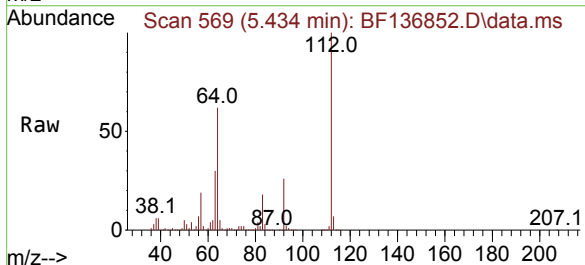
Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

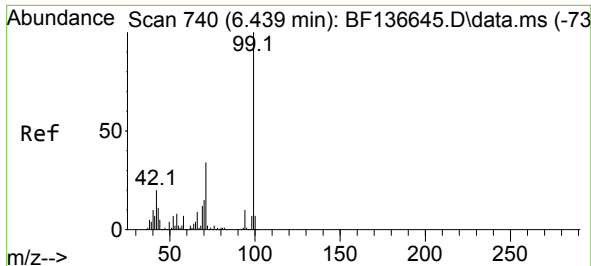
Tgt Ion:152 Resp: 74170
Ion Ratio Lower Upper
152 100
150 160.5 127.0 190.6
115 61.1 49.0 73.4



#5
2-Fluorophenol
Concen: 108.471 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

Tgt Ion:112 Resp: 515631
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 30.1 26.1 39.1

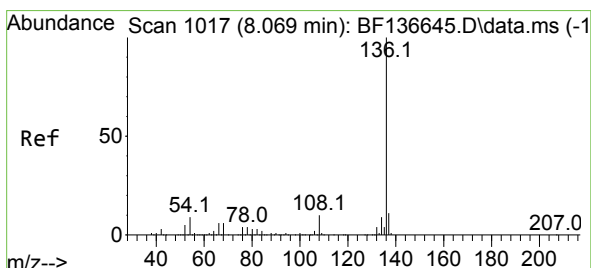
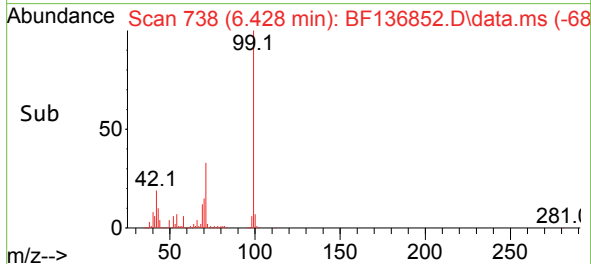
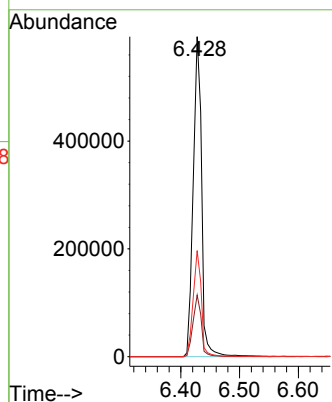
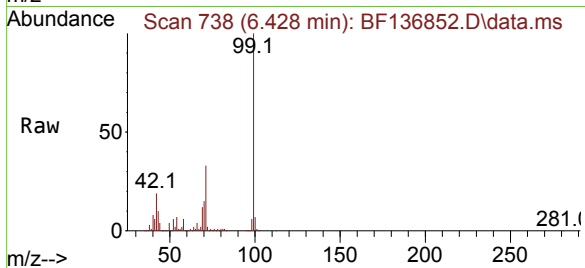




#7
Phenol-d6
Concen: 96.451 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

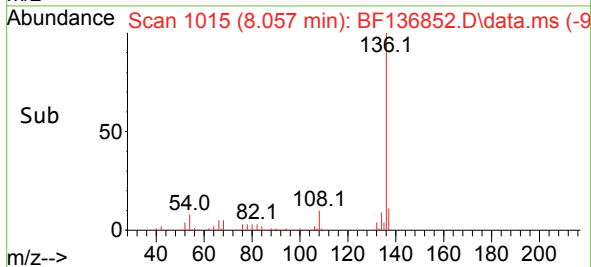
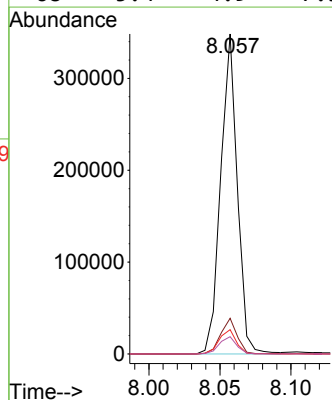
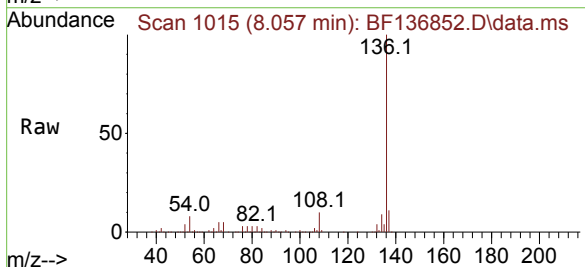
Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

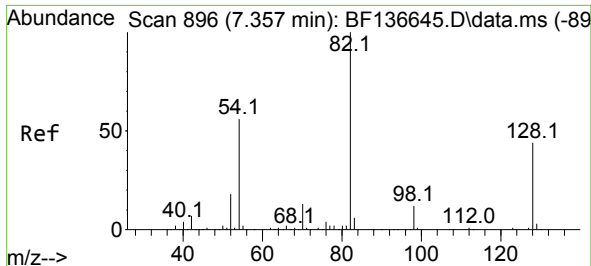
Tgt Ion: 99 Resp: 594092
Ion Ratio Lower Upper
99 100
42 19.3 16.1 24.1
71 33.1 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

Tgt Ion: 136 Resp: 283064
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 7.6 7.2 10.8
68 5.4 4.9 7.3

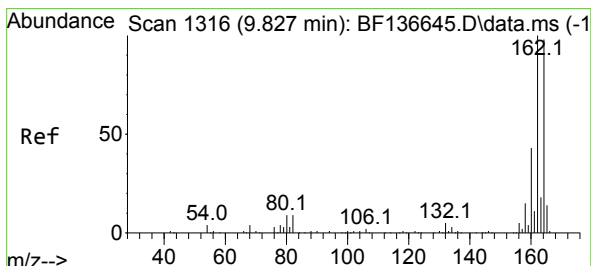
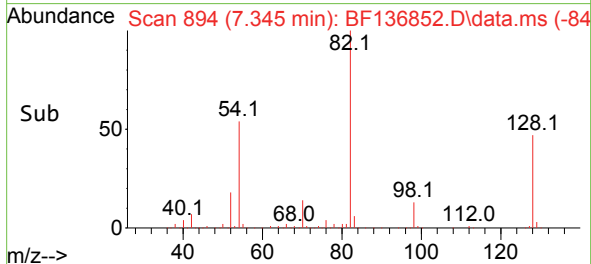
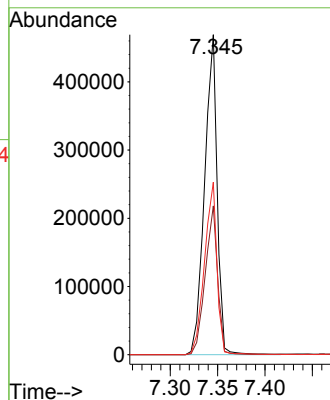
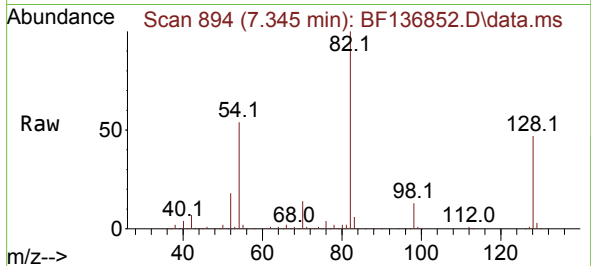




#23
Nitrobenzene-d5
Concen: 78.351 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

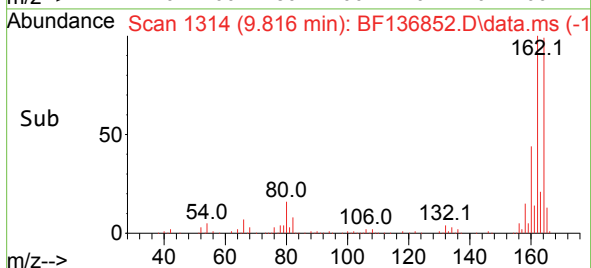
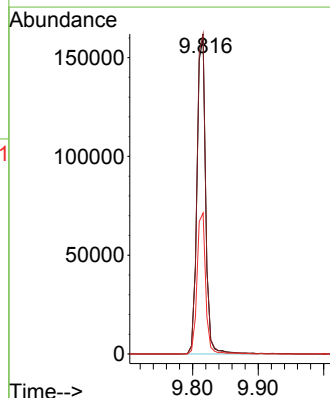
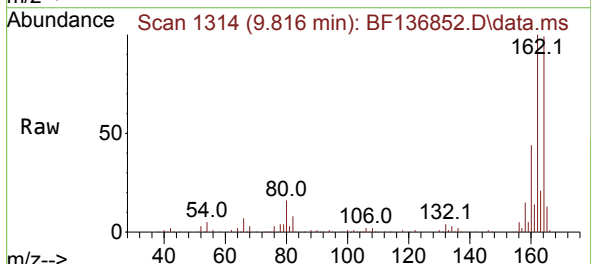
Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

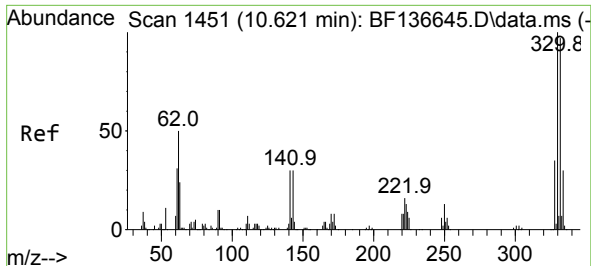
Tgt Ion: 82 Resp: 433414
Ion Ratio Lower Upper
82 100
128 46.5 35.3 52.9
54 53.9 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

Tgt Ion:164 Resp: 147755
Ion Ratio Lower Upper
164 100
162 101.0 81.6 122.4
160 44.5 34.9 52.3

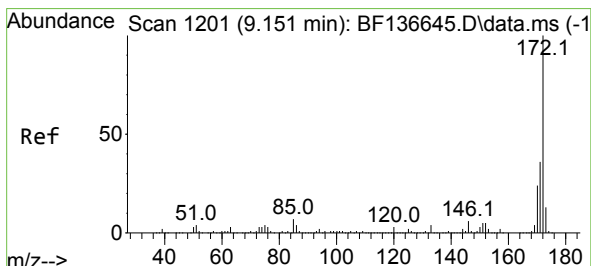
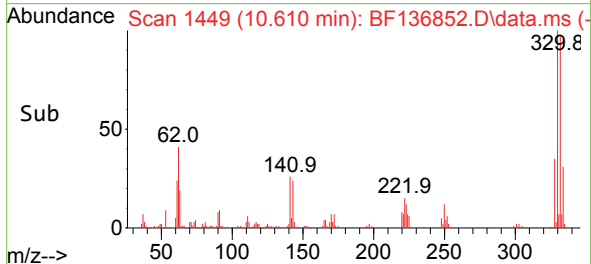
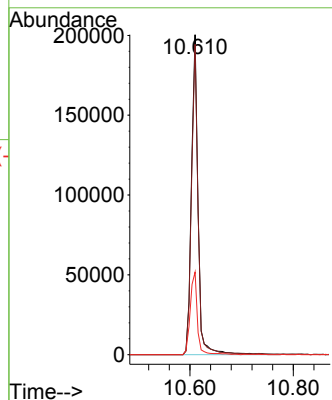
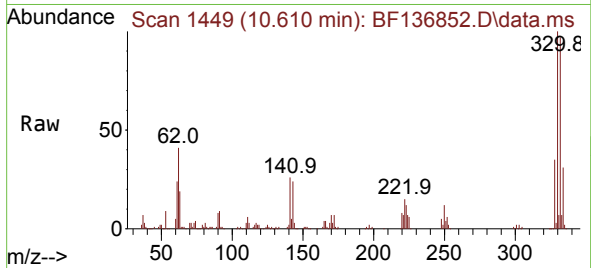




#42
2,4,6-Tribromophenol
Concen: 102.496 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

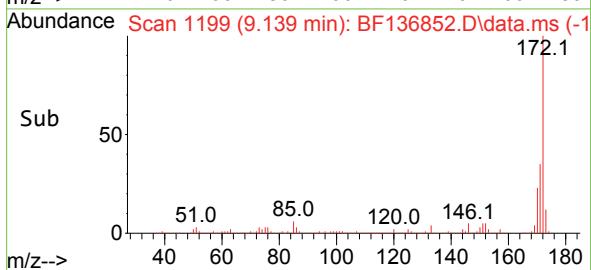
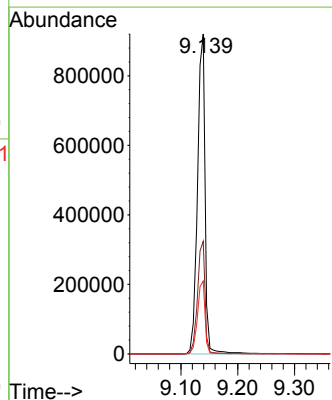
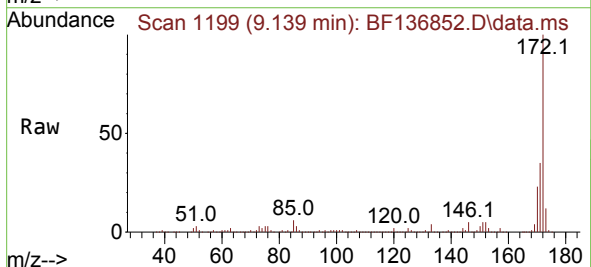
Instrument :
BNA_F
ClientSampleId :
MR-321-0-2

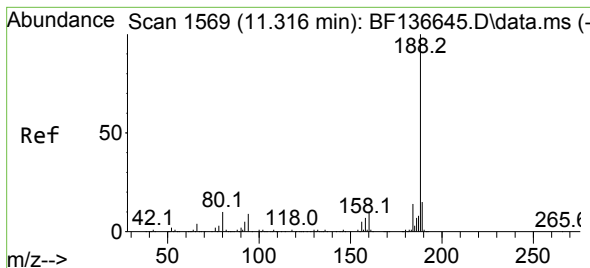
Tgt Ion:330 Resp: 178357
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.0
141 27.9 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 78.650 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

Tgt Ion:172 Resp: 864017
Ion Ratio Lower Upper
172 100
171 35.2 29.0 43.6
170 22.8 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136852.D

Acq: 30 Dec 2023 04:11

Instrument :

BNA_F

ClientSampleId :

MR-321-0-2

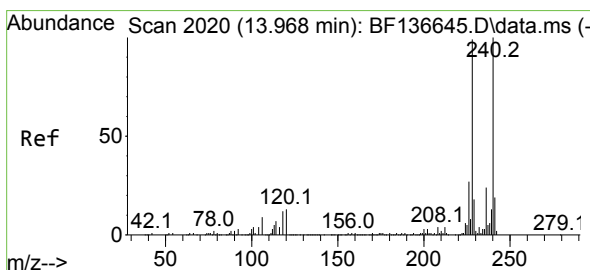
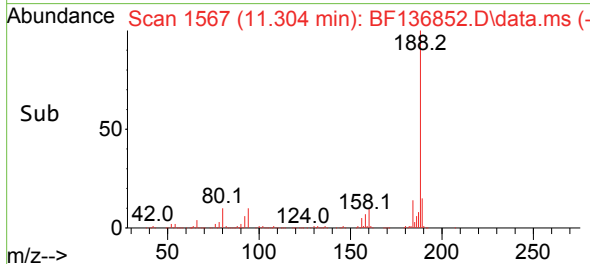
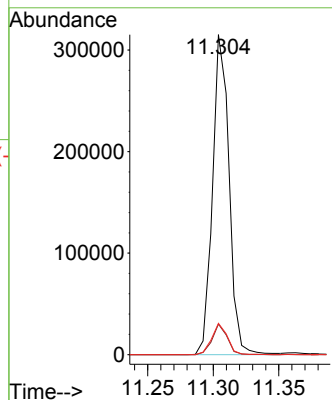
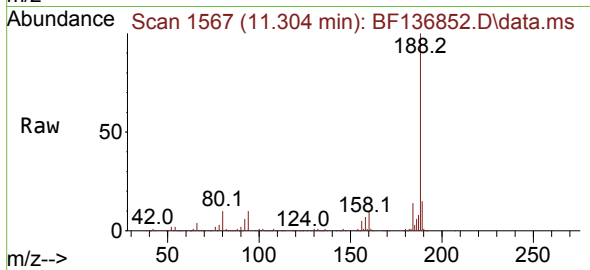
Tgt Ion:188 Resp: 276234

Ion Ratio Lower Upper

188 100

94 9.6 7.5 11.3

80 9.8 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: BF136852.D

Acq: 30 Dec 2023 04:11

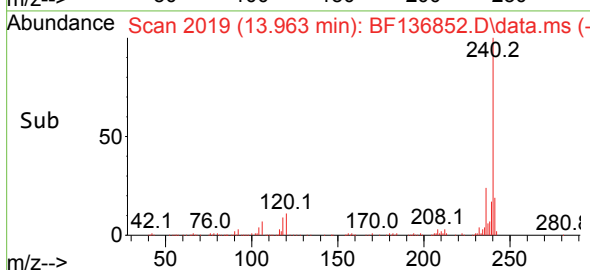
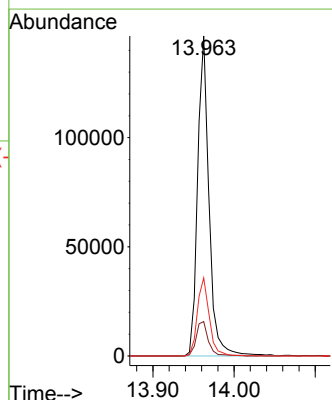
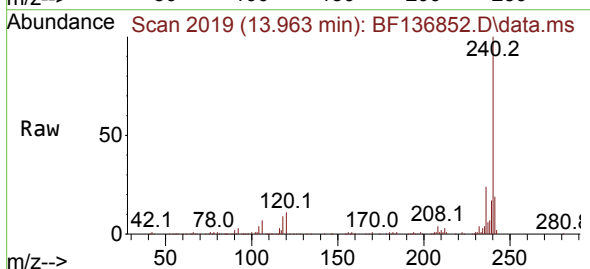
Tgt Ion:240 Resp: 143440

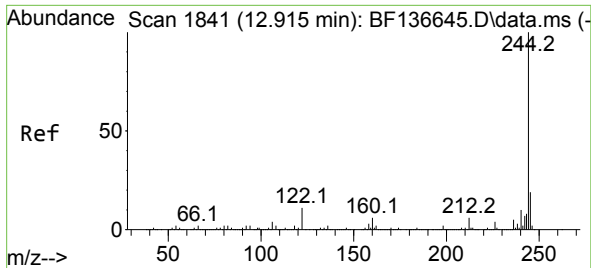
Ion Ratio Lower Upper

240 100

120 10.8 10.3 15.5

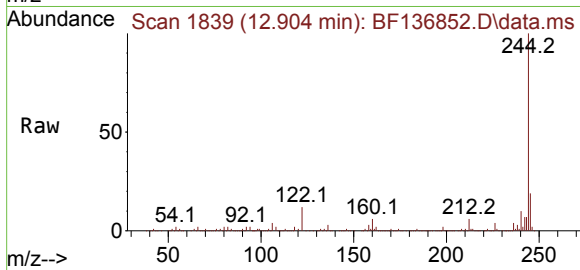
236 24.4 19.4 29.2



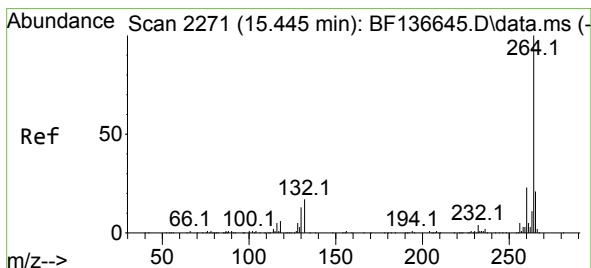
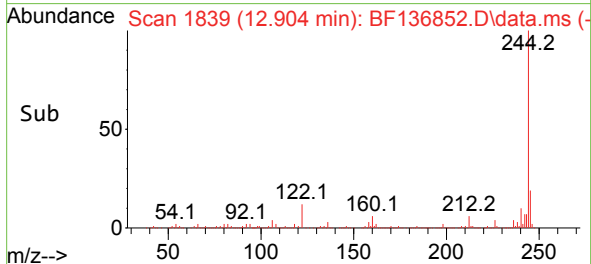
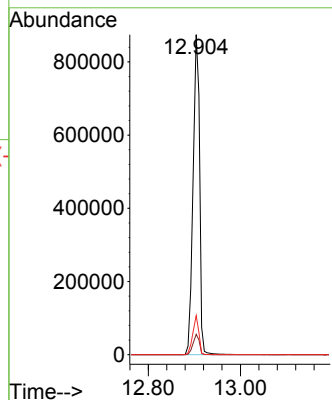


#79
Terphenyl-d14
Concen: 83.605 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

Instrument :
BNA_F
ClientSampleId :
MR-321-0-2



Tgt Ion:244 Resp: 858146
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 12.2 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136852.D
Acq: 30 Dec 2023 04:11

Tgt Ion:264 Resp: 145173
Ion Ratio Lower Upper
264 100
260 21.9 18.3 27.5
265 21.1 17.0 25.6

