

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136763.D
 Acq On : 27 Dec 2023 17:49
 Operator : CG\JU
 Sample : PB157875TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157875TB

Quant Time: Dec 27 22:44:29 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	73914	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	278238	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	142783	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	260138	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	156989	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	145648	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	559646	118.138	ng	0.00
7) Phenol-d6	6.434	99	690941	112.563	ng	0.00
23) Nitrobenzene-d5	7.345	82	438642	80.671	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	180278	107.207	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	860158	81.025	ng	-0.01
79) Terphenyl-d14	12.904	244	853894	76.011	ng	-0.01

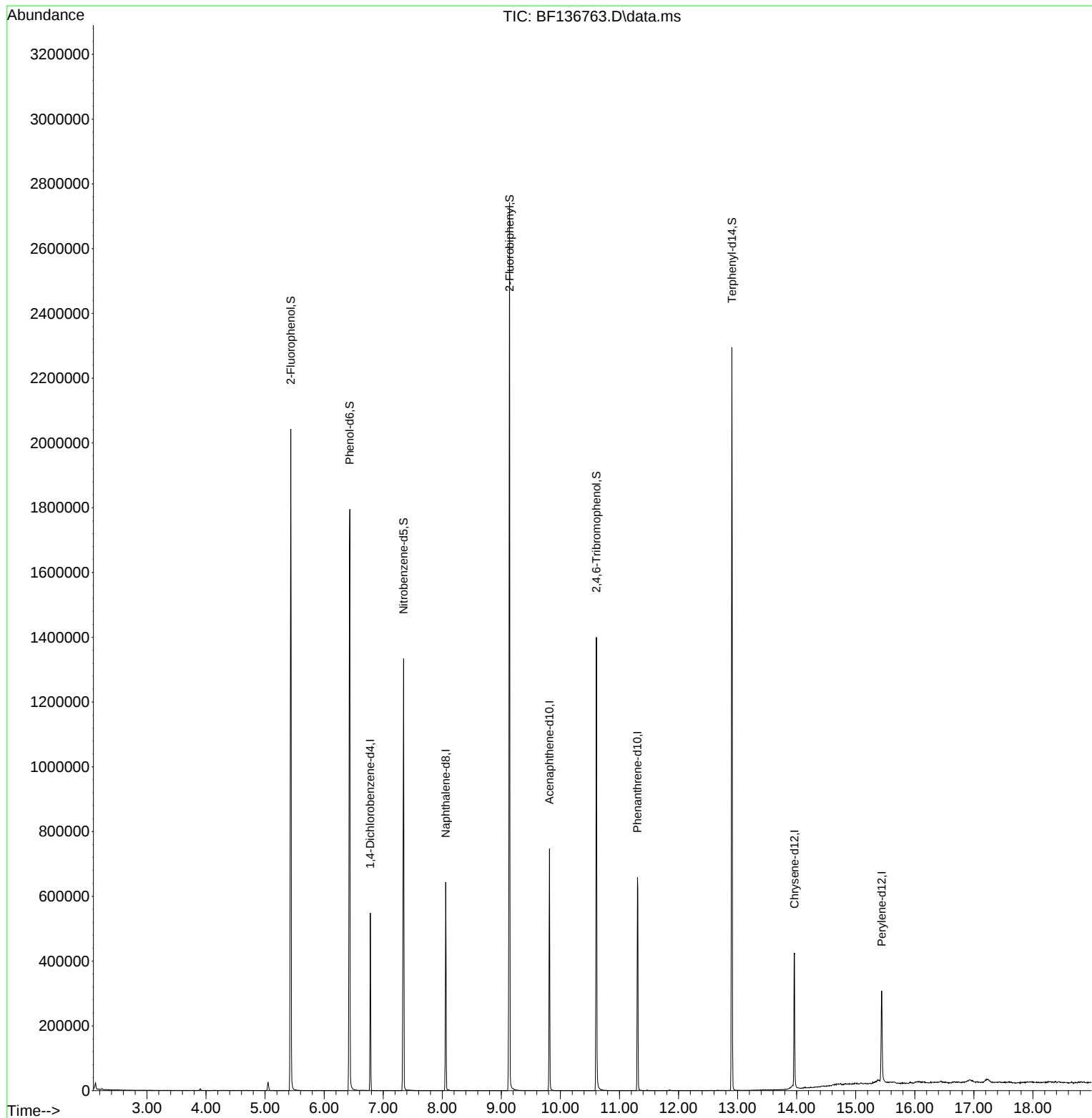
Target Compounds	Qvalue

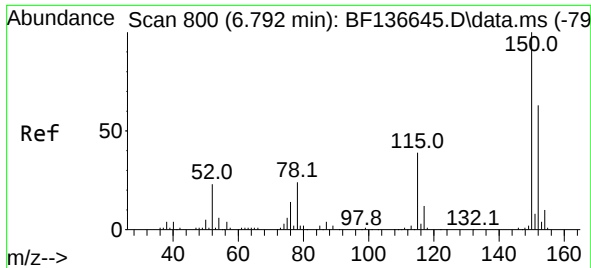
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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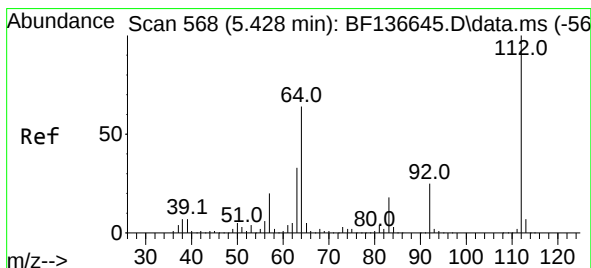
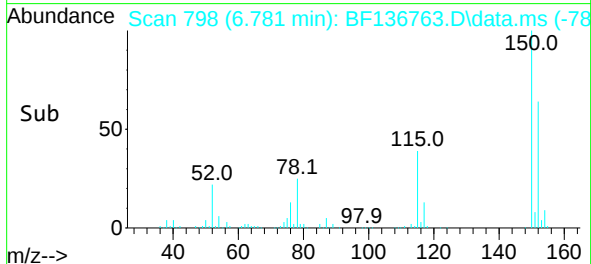
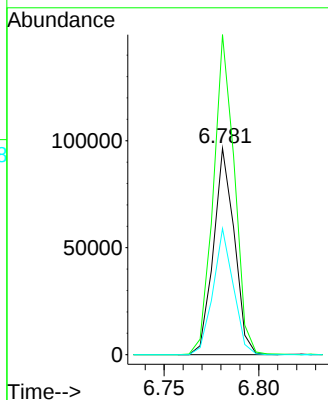
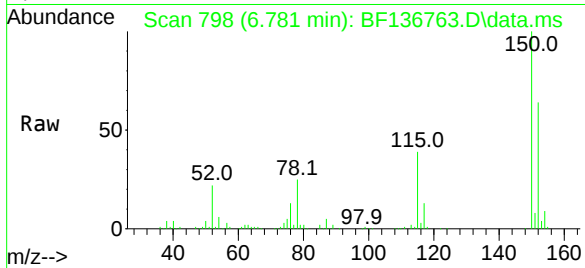




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

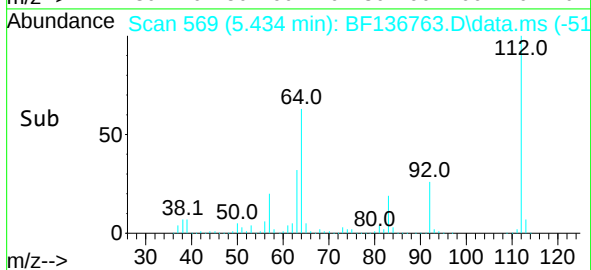
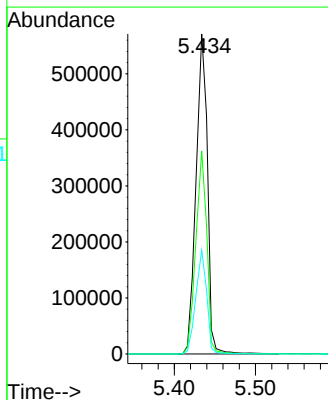
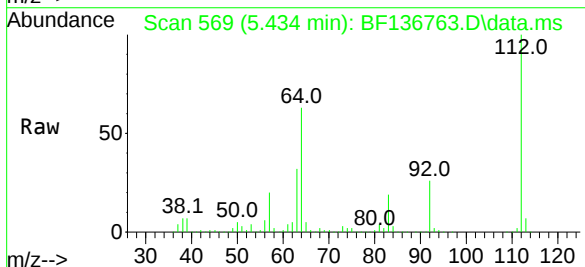
Instrument :
BNA_F
ClientSampleId :
PB157875TB

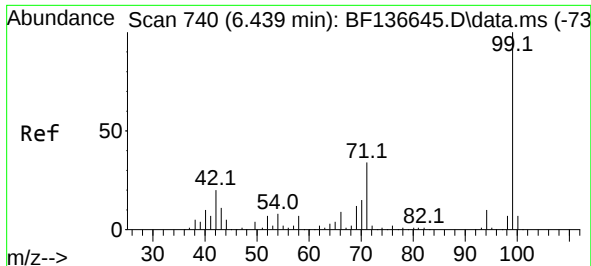
Tgt Ion:152 Resp: 73914
Ion Ratio Lower Upper
152 100
150 155.1 127.0 190.6
115 61.1 49.0 73.4



#5
2-Fluorophenol
Concen: 118.138 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

Tgt Ion:112 Resp: 559646
Ion Ratio Lower Upper
112 100
64 63.5 51.1 76.7
63 32.4 26.1 39.1

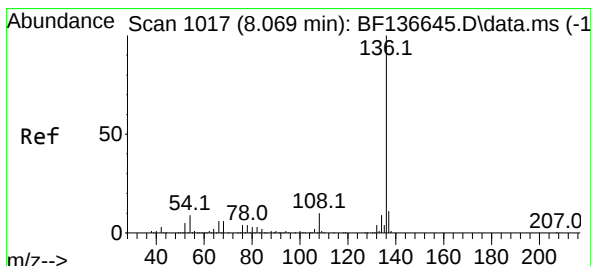
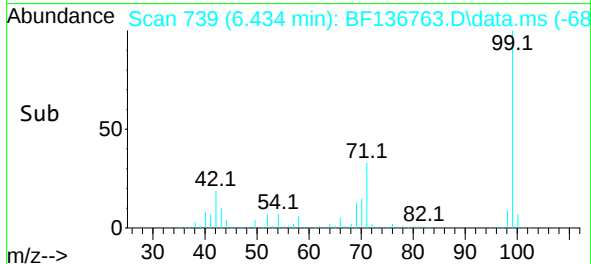
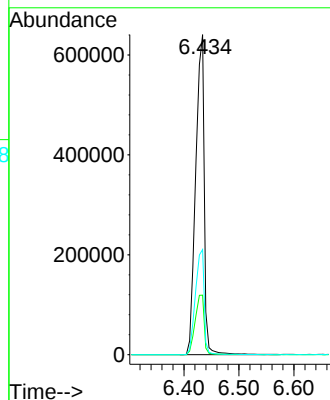
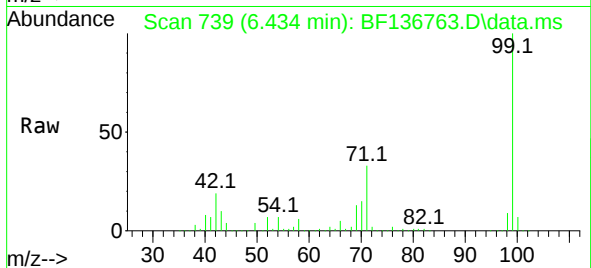




#7
Phenol-d6
Concen: 112.563 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

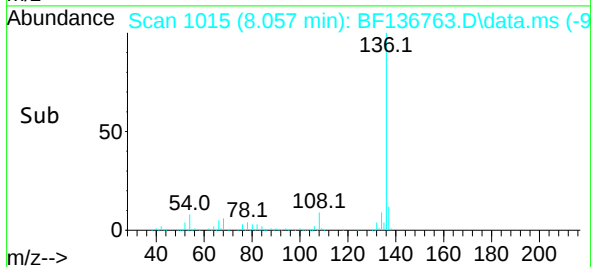
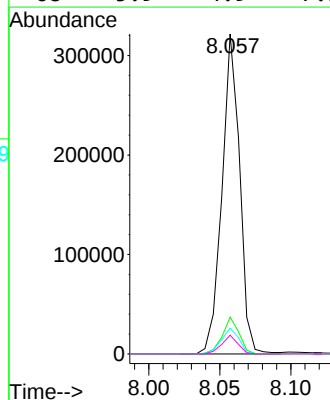
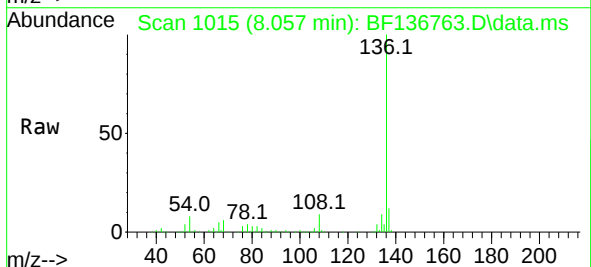
Instrument :
BNA_F
ClientSampleId :
PB157875TB

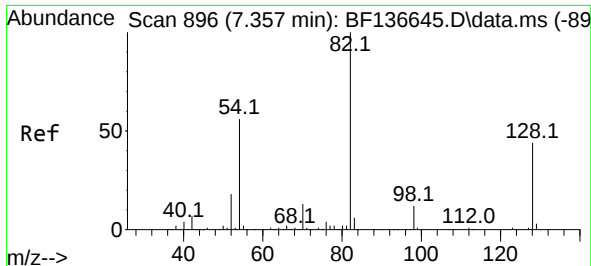
Tgt Ion: 99 Resp: 690941
Ion Ratio Lower Upper
99 100
42 18.6 16.1 24.1
71 32.8 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

Tgt Ion:136 Resp: 278238
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 8.1 7.2 10.8
68 5.9 4.9 7.3





#23

Nitrobenzene-d5

Concen: 80.671 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136763.D

Acq: 27 Dec 2023 17:49

Instrument :

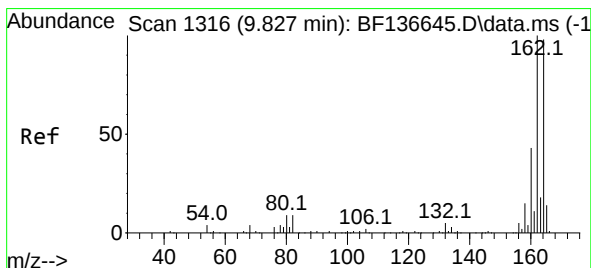
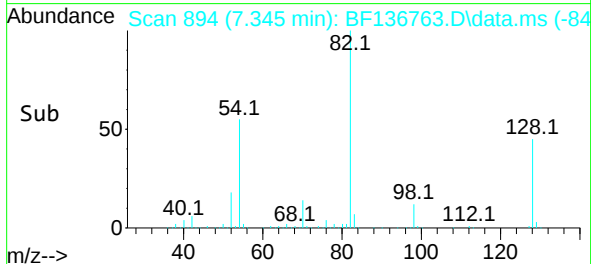
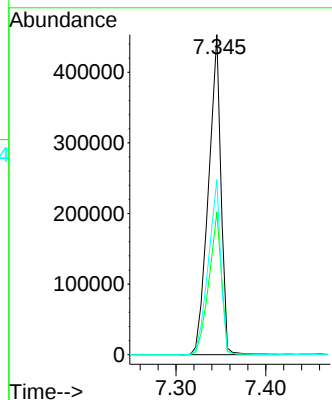
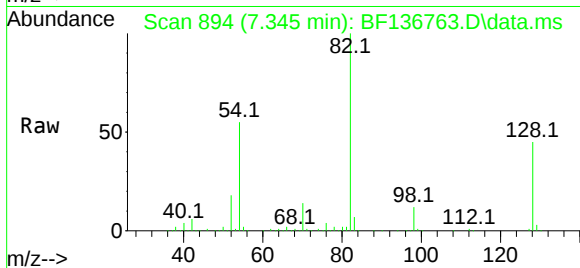
BNA_F

ClientSampleId :

PB157875TB

Tgt Ion: 82 Resp: 438642

Ion	Ratio	Lower	Upper
82	100		
128	44.5	35.3	52.9
54	54.7	44.5	66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

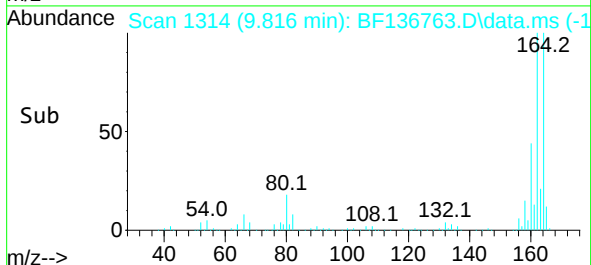
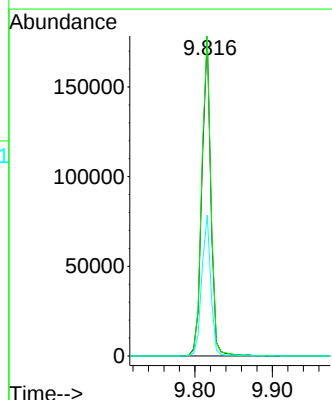
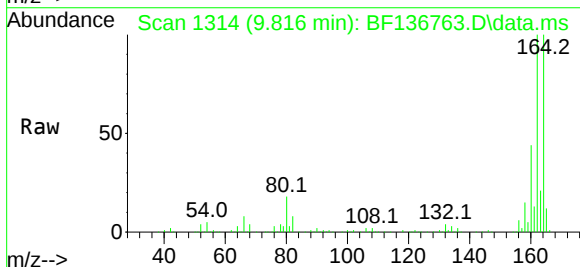
Delta R.T. -0.012 min

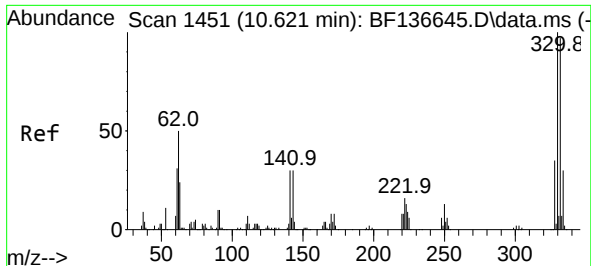
Lab File: BF136763.D

Acq: 27 Dec 2023 17:49

Tgt Ion:164 Resp: 142783

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.6	122.4
160	44.0	34.9	52.3

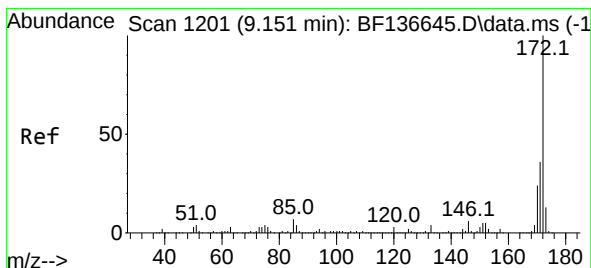
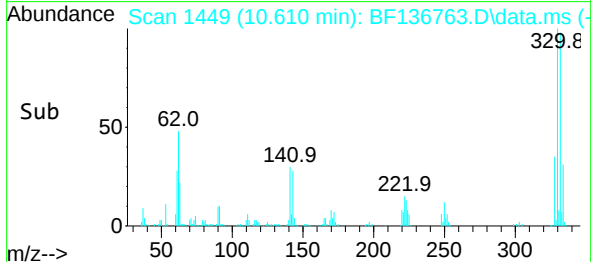
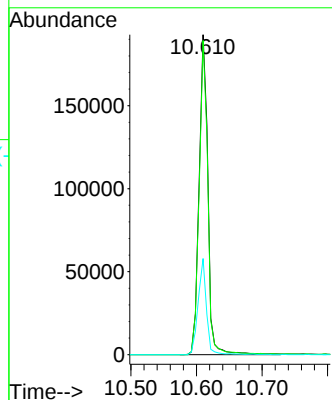
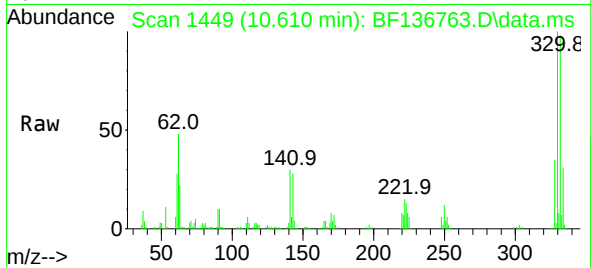




#42
2,4,6-Tribromophenol
Concen: 107.207 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

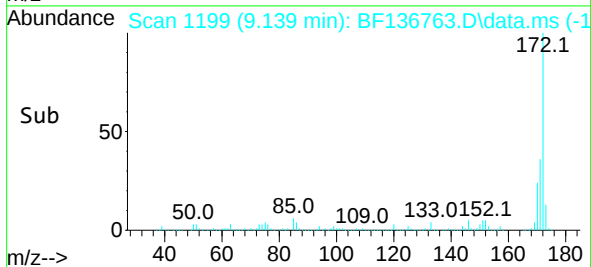
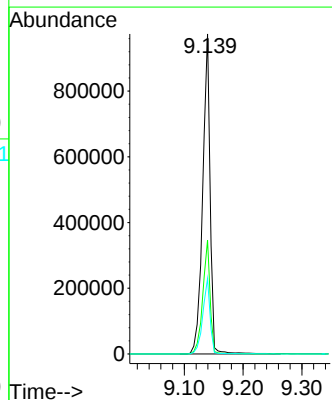
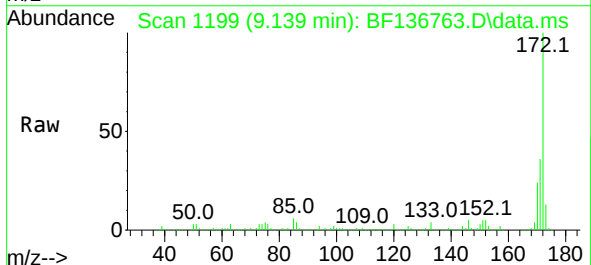
Instrument :
BNA_F
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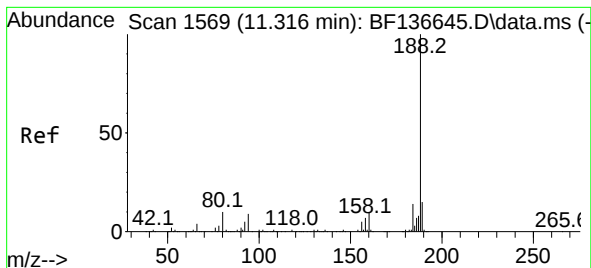
Tgt Ion:330 Resp: 180278
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 28.5 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 81.025 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136763.D
Acq: 27 Dec 2023 17:49

Tgt Ion:172 Resp: 860158
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.6 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: BF136763.D

Acq: 27 Dec 2023 17:49

Instrument :

BNA_F

ClientSampleId :

PB157875TB

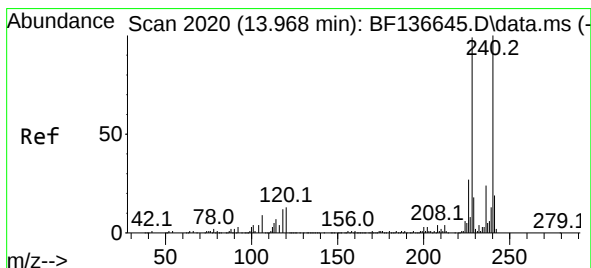
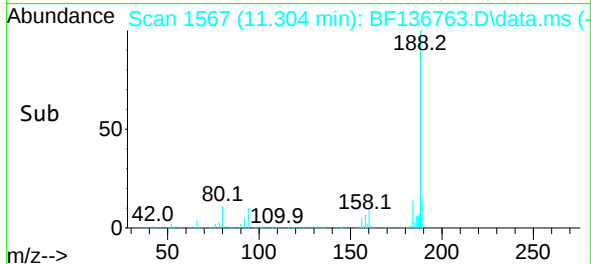
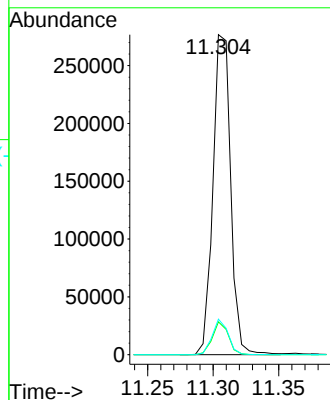
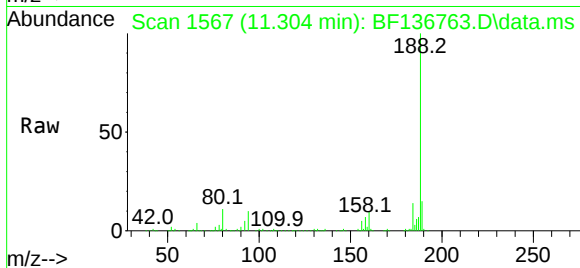
Tgt Ion:188 Resp: 260138

Ion Ratio Lower Upper

188 100

94 10.2 7.5 11.3

80 11.1 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: BF136763.D

Acq: 27 Dec 2023 17:49

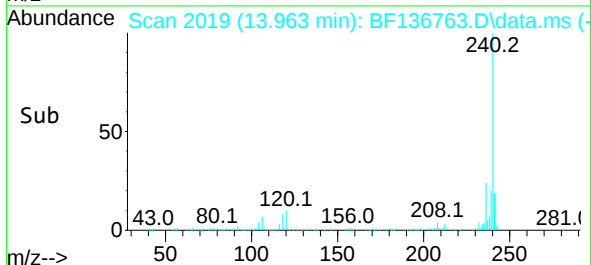
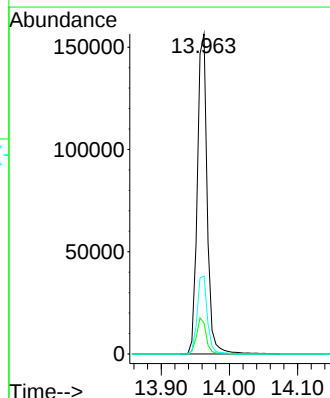
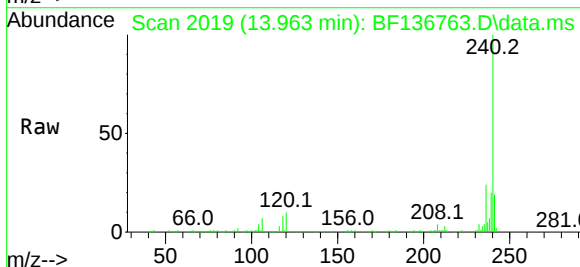
Tgt Ion:240 Resp: 156989

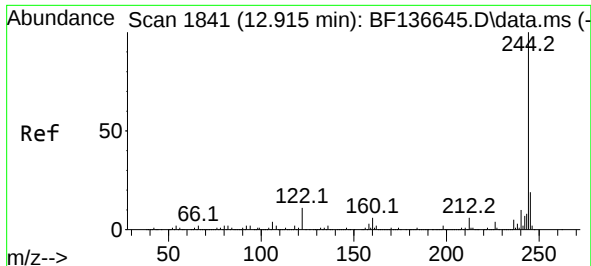
Ion Ratio Lower Upper

240 100

120 9.6 10.3 15.5#

236 24.3 19.4 29.2

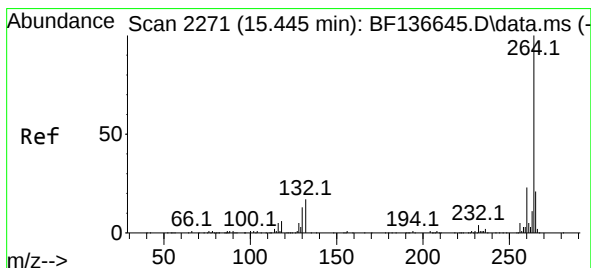
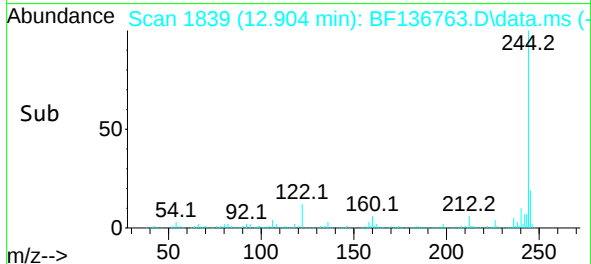
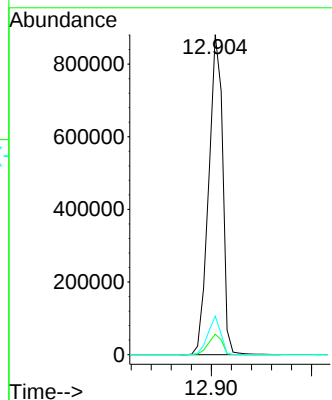
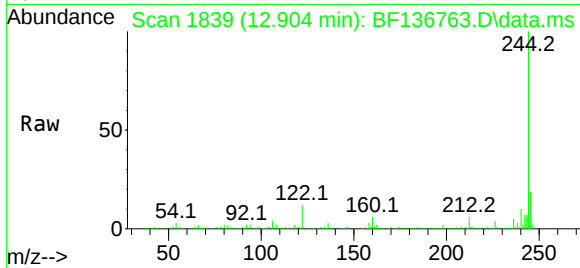




#79
 Terphenyl-d14
 Concen: 76.011 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
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 Acq: 27 Dec 2023 17:49

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 PB157875TB

Tgt Ion:244 Resp: 853894
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.0 7.4
 122 12.1 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: BF136763.D
 Acq: 27 Dec 2023 17:49

Tgt Ion:264 Resp: 145648
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.3 27.5
 265 22.1 17.0 25.6

