

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121923\
 Data File : BF136639.D
 Acq On : 19 Dec 2023 19:46
 Operator : CG\JU
 Sample : PB157746BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157746BL

Quant Time: Dec 20 04:31:56 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 04:16:58 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	78888	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	305826	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	164436	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	355489	20.000	ng	0.00
76) Chrysene-d12	13.968	240	256743	20.000	ng	0.00
86) Perylene-d12	15.445	264	207398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	630755	124.138	ng	0.01
7) Phenol-d6	6.439	99	791641	121.731	ng	0.00
23) Nitrobenzene-d5	7.357	82	505609	85.852	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	251377	131.096	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1017901	84.575	ng	0.00
79) Terphenyl-d14	12.916	244	1337666	73.367	ng	0.00

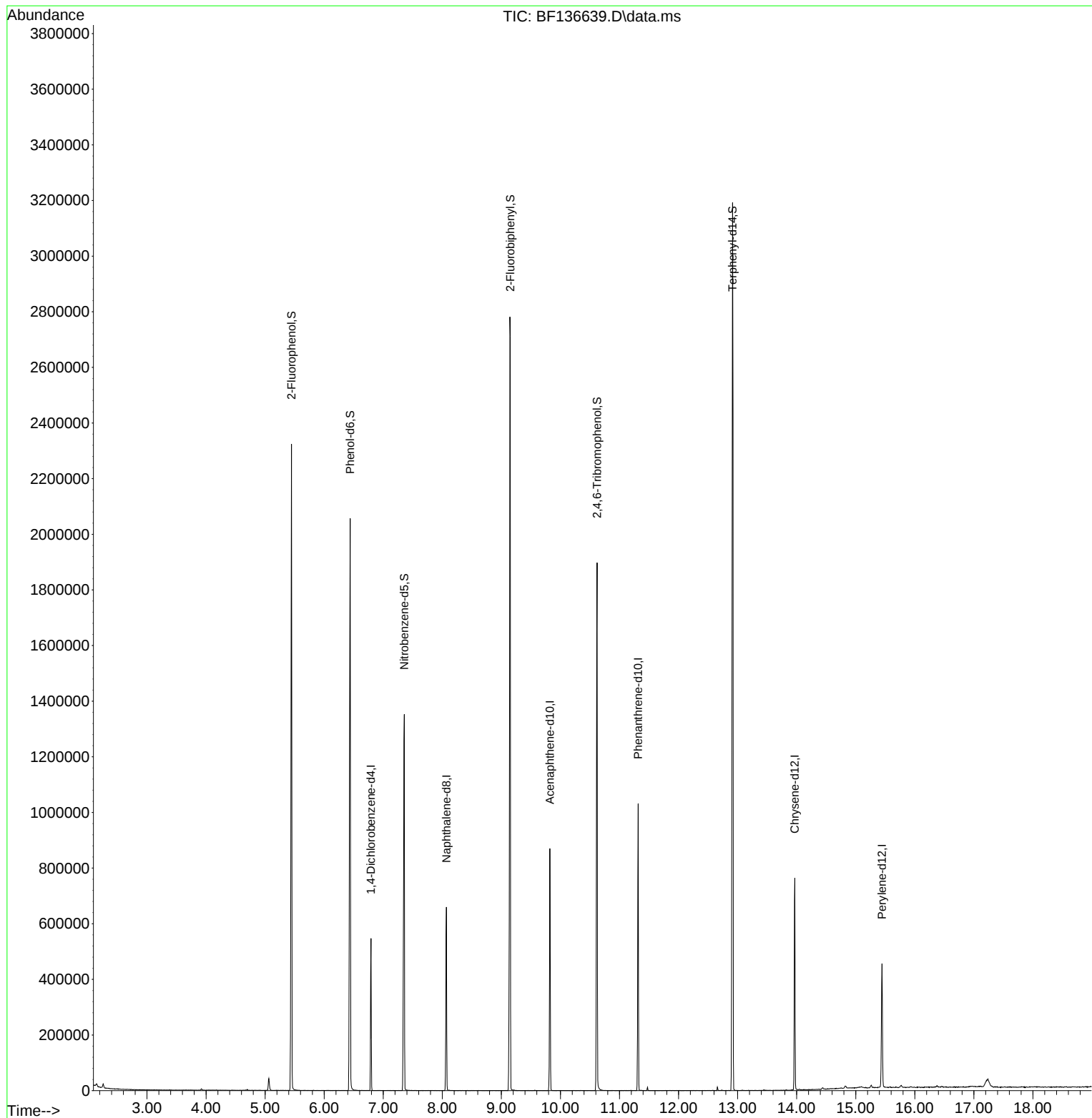
Target Compounds	Qvalue
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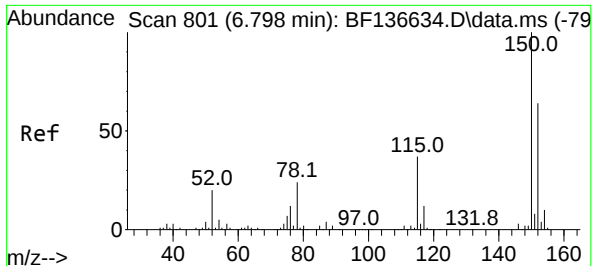
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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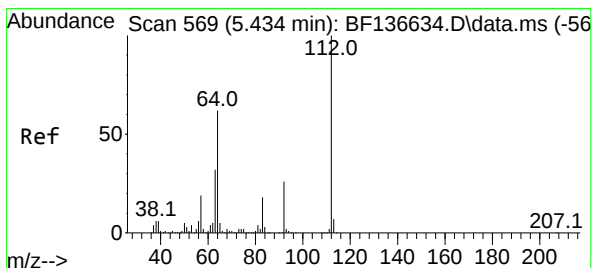
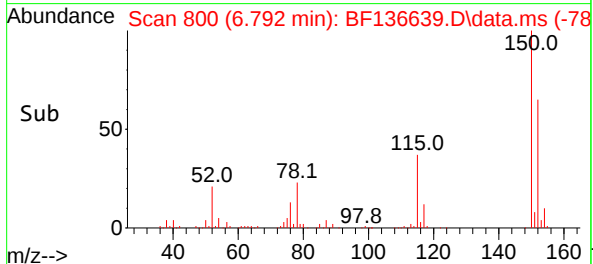
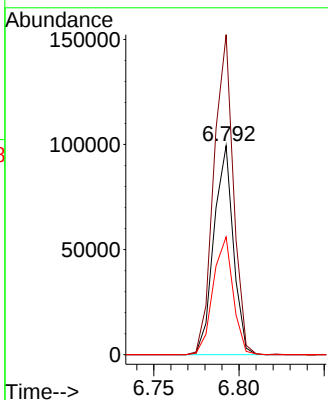
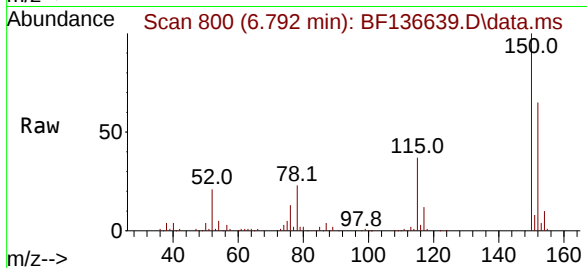




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46

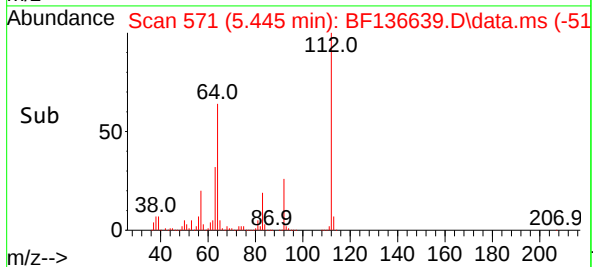
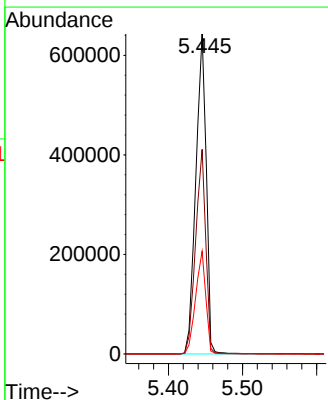
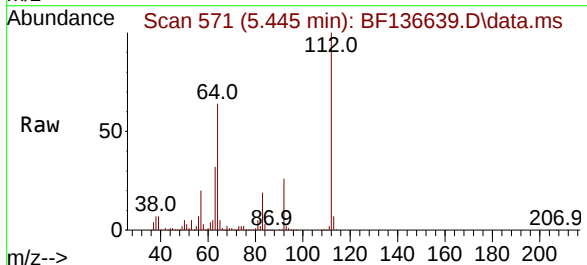
Instrument :
BNA_F
ClientSampleId :
PB157746BL

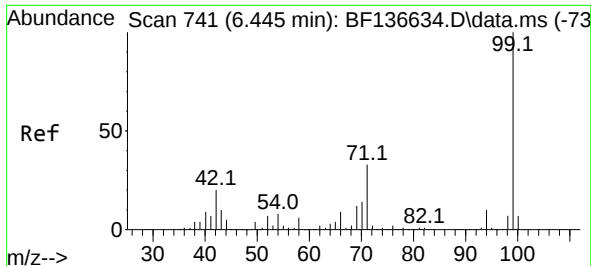
Tgt Ion:152 Resp: 78888
Ion Ratio Lower Upper
152 100
150 153.2 125.3 187.9
115 56.4 46.4 69.6



#5
2-Fluorophenol
Concen: 124.138 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46

Tgt Ion:112 Resp: 630755
Ion Ratio Lower Upper
112 100
64 64.0 49.7 74.5
63 32.1 25.8 38.6





#7

Phenol-d6

Concen: 121.731 ng

RT: 6.439 min Scan# 741

Delta R.T. -0.006 min

Lab File: BF136639.D

Acq: 19 Dec 2023 19:46

Instrument :

BNA_F

ClientSampleId :

PB157746BL

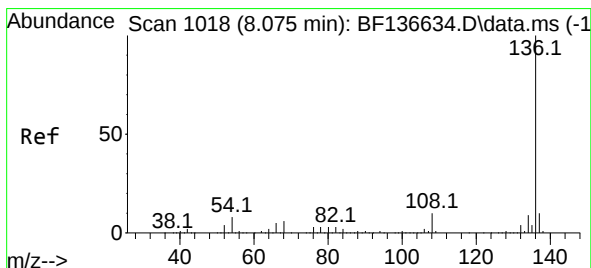
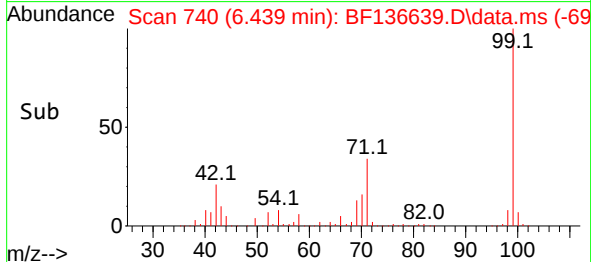
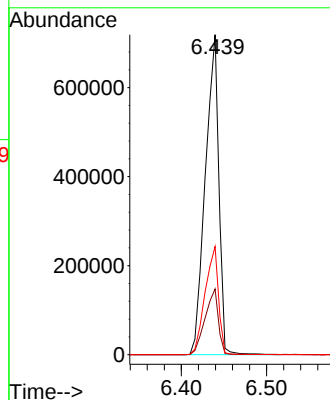
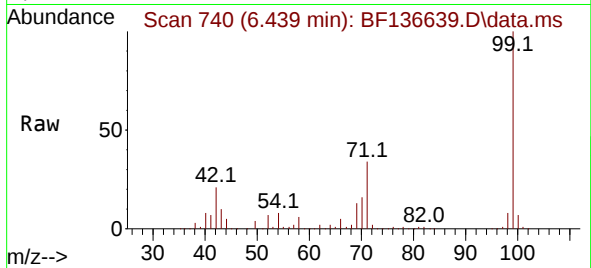
Tgt Ion: 99 Resp: 791641

Ion Ratio Lower Upper

99 100

42 20.5 16.2 24.4

71 33.8 26.6 39.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF136639.D

Acq: 19 Dec 2023 19:46

Tgt Ion: 136 Resp: 305826

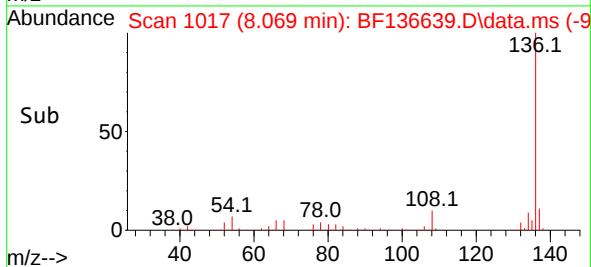
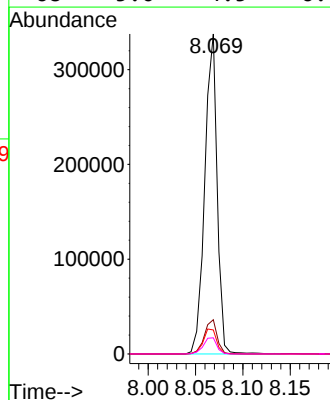
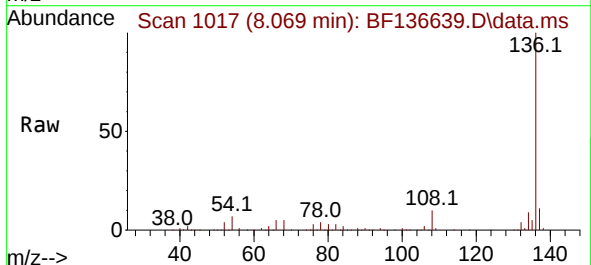
Ion Ratio Lower Upper

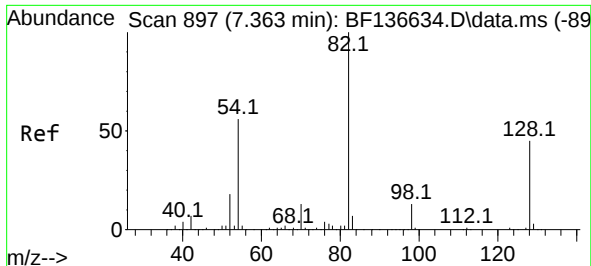
136 100

137 10.7 8.2 12.4

54 7.5 6.4 9.6

68 5.0 4.5 6.7

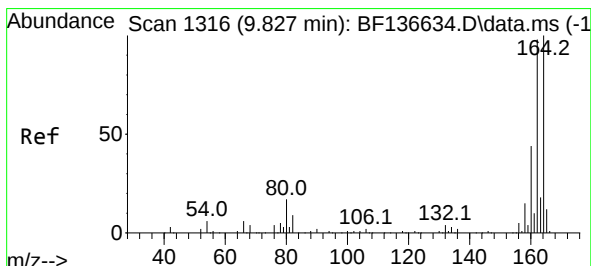
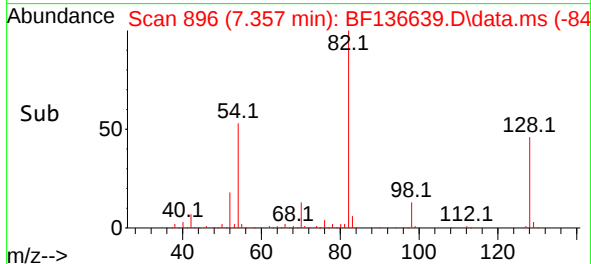
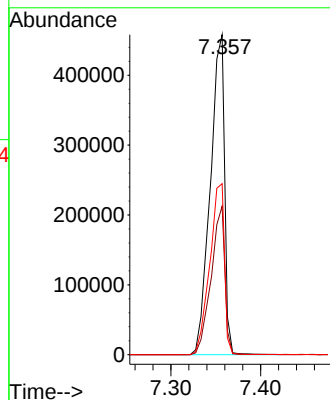
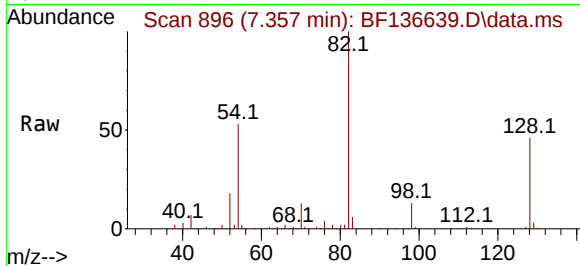




#23
 Nitrobenzene-d5
 Concen: 85.852 ng
 RT: 7.357 min Scan# 896
 Delta R.T. -0.006 min
 Lab File: BF136639.D
 Acq: 19 Dec 2023 19:46

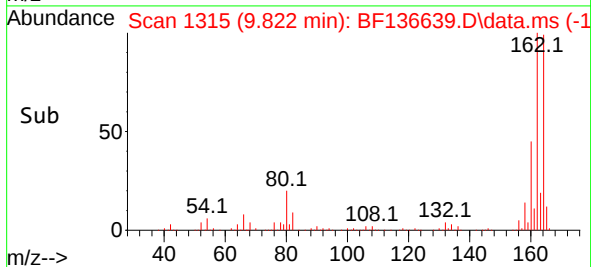
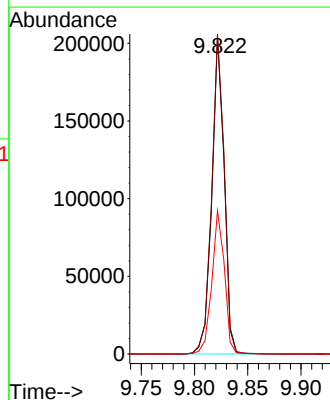
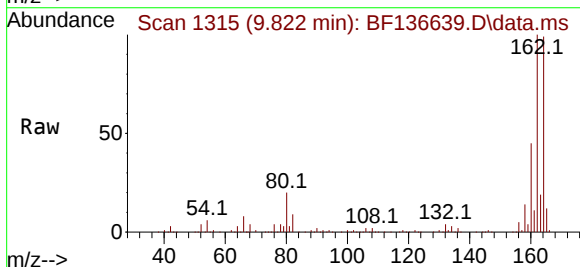
Instrument :
 BNA_F
 ClientSampleId :
 PB157746BL

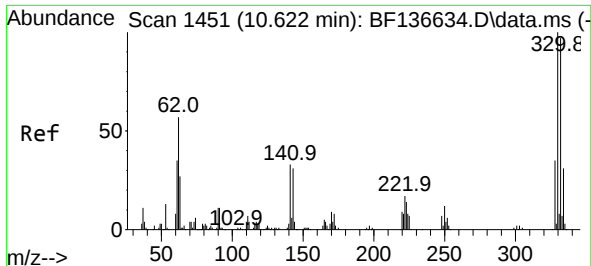
Tgt Ion: 82 Resp: 505609
 Ion Ratio Lower Upper
 82 100
 128 46.4 35.7 53.5
 54 53.5 44.5 66.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.822 min Scan# 1315
 Delta R.T. -0.006 min
 Lab File: BF136639.D
 Acq: 19 Dec 2023 19:46

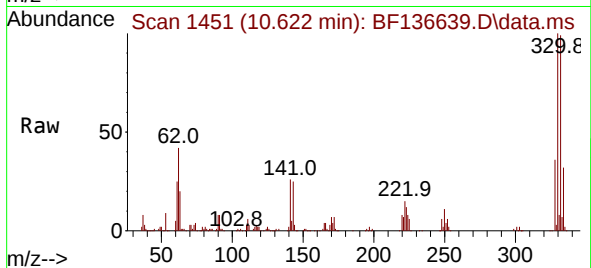
Tgt Ion:164 Resp: 164436
 Ion Ratio Lower Upper
 164 100
 162 100.7 78.4 117.6
 160 45.1 35.2 52.8



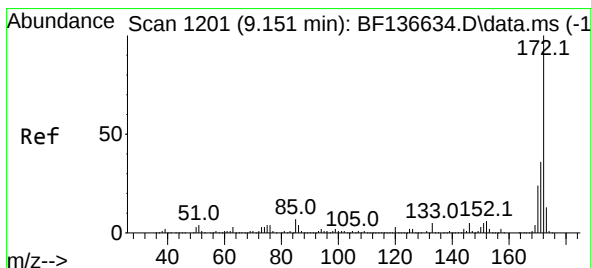
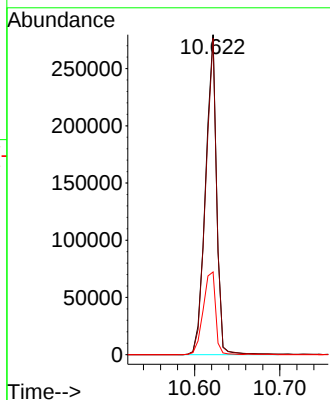
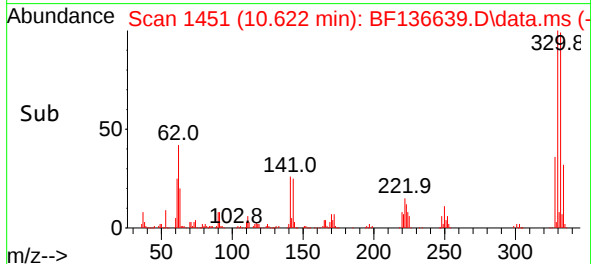


#42
2,4,6-Tribromophenol
Concen: 131.096 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46

Instrument :
BNA_F
ClientSampleId :
PB157746BL

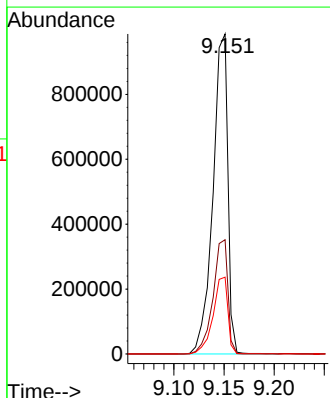
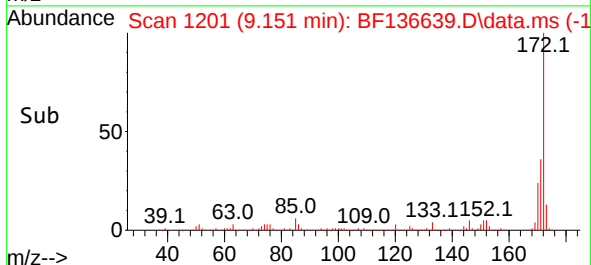
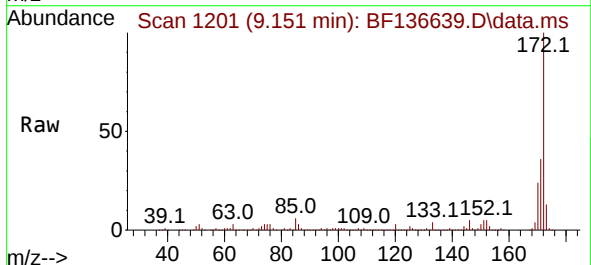


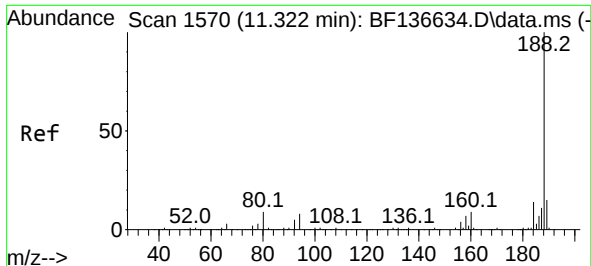
Tgt Ion: 330 Resp: 251377
Ion Ratio Lower Upper
330 100
332 98.3 77.4 116.0
141 29.1 23.4 35.0



#45
2-Fluorobiphenyl
Concen: 84.575 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.000 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46

Tgt Ion: 172 Resp: 1017901
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.6
170 24.0 18.9 28.3

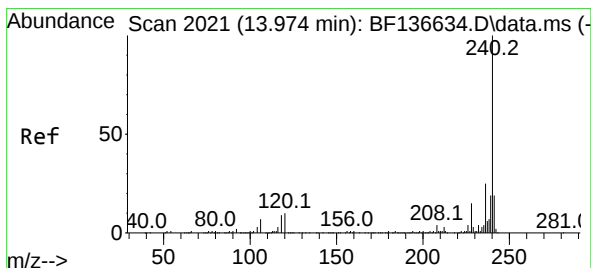
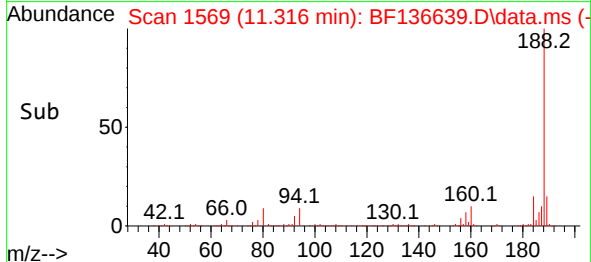
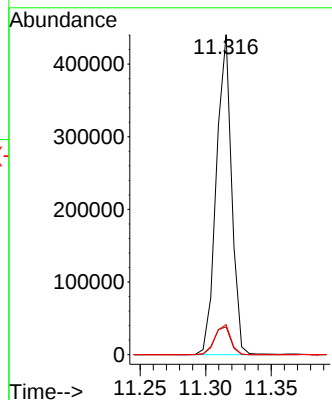
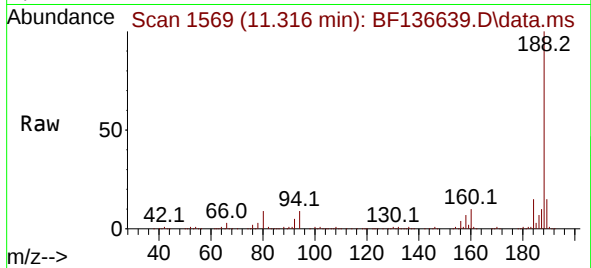




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. -0.006 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46

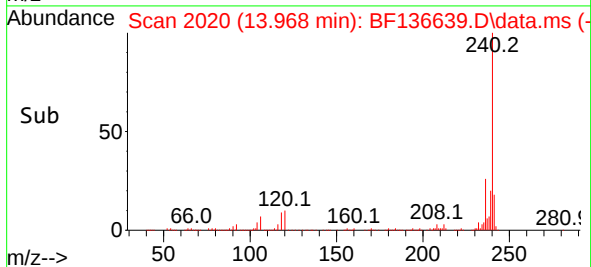
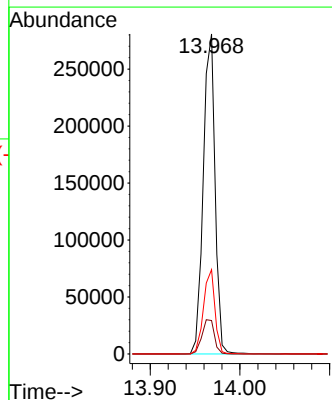
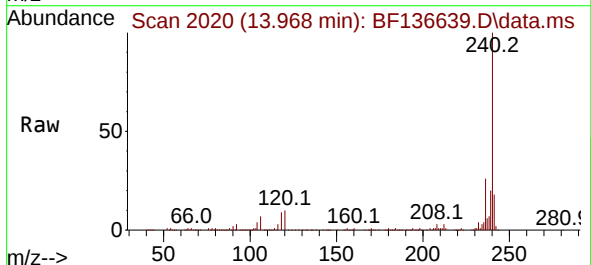
Instrument :
BNA_F
ClientSampleId :
PB157746BL

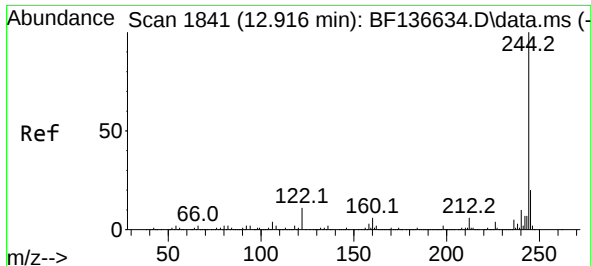
Tgt Ion:188 Resp: 355489
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.4 7.0 10.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF136639.D
Acq: 19 Dec 2023 19:46

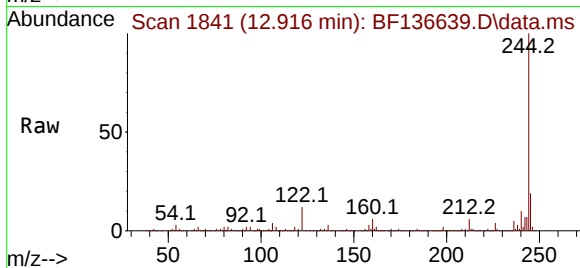
Tgt Ion:240 Resp: 256743
Ion Ratio Lower Upper
240 100
120 10.4 7.6 11.4
236 26.4 20.2 30.2





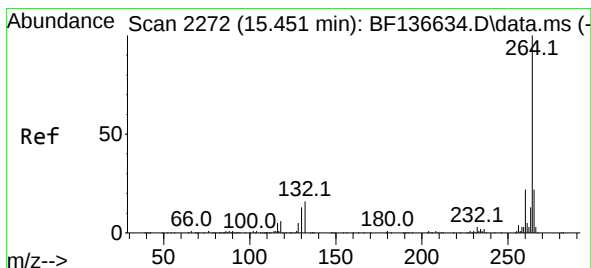
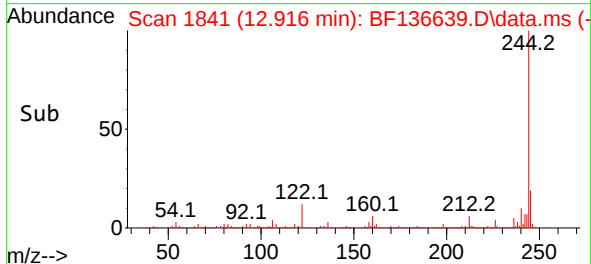
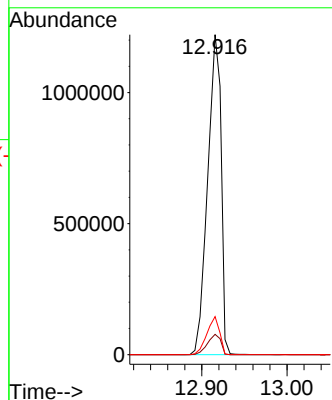
#79
 Terphenyl-d14
 Concen: 73.367 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.000 min
 Lab File: BF136639.D
 Acq: 19 Dec 2023 19:46

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 1337666

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.1	7.7
122	11.9	9.2	13.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.006 min
 Lab File: BF136639.D
 Acq: 19 Dec 2023 19:46

Tgt Ion:264 Resp: 207398

Ion	Ratio	Lower	Upper
264	100		
260	24.6	17.9	26.9
265	20.4	17.4	26.2

