

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136726.D
 Acq On : 26 Dec 2023 18:52
 Operator : CG\JU
 Sample : PB157858TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157858TB

Quant Time: Dec 27 03:57:01 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	86340	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	332812	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	166937	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	320375	20.000	ng	0.00
76) Chrysene-d12	13.963	240	177426	20.000	ng	0.00
86) Perylene-d12	15.439	264	162888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	691115	124.894	ng	0.01
7) Phenol-d6	6.434	99	874493	121.962	ng	0.00
23) Nitrobenzene-d5	7.345	82	538973	82.869	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	222698	113.272	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1021583	82.307	ng	-0.01
79) Terphenyl-d14	12.910	244	1028567	81.013	ng	0.00

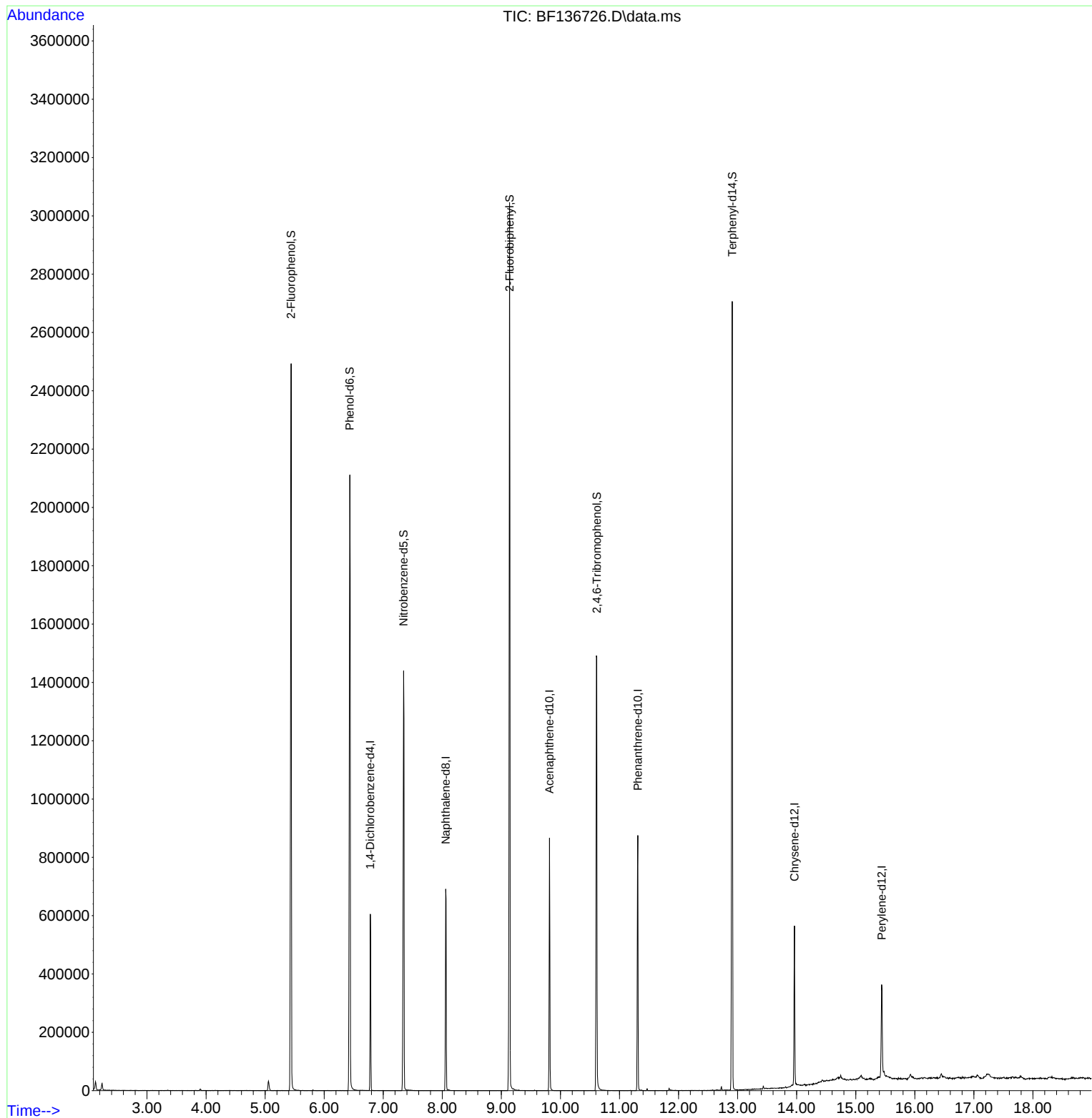
Target Compounds	Qvalue

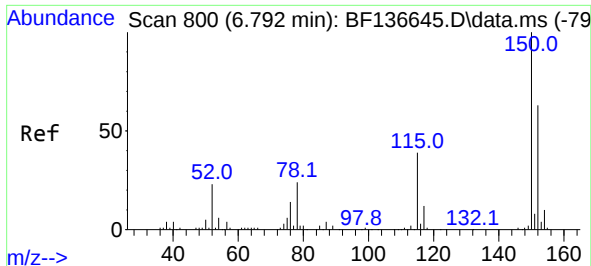
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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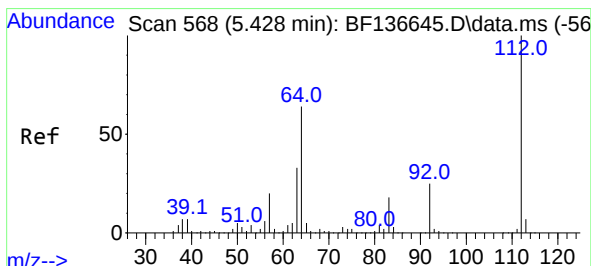
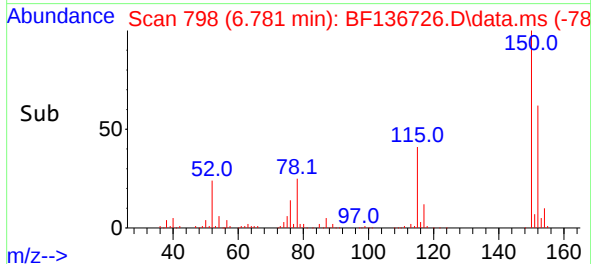
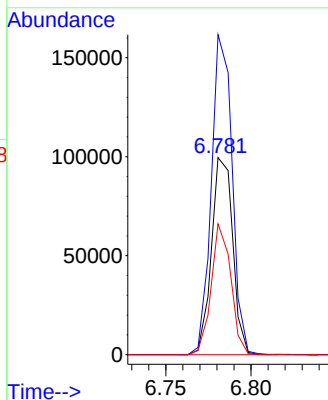
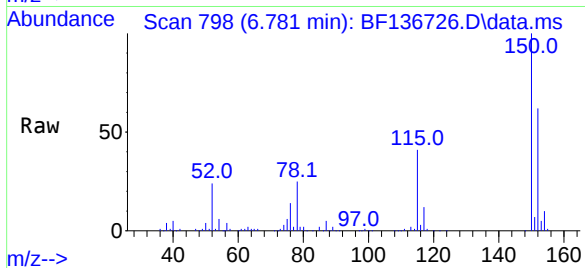




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52

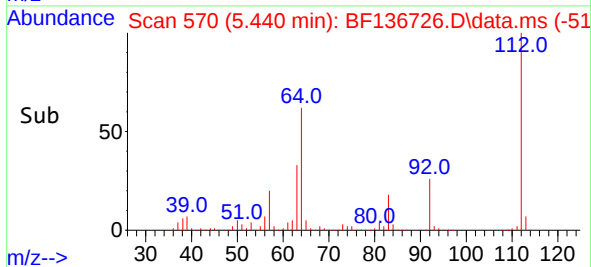
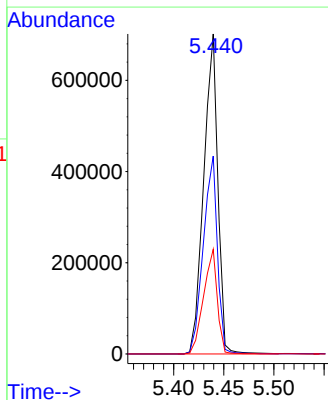
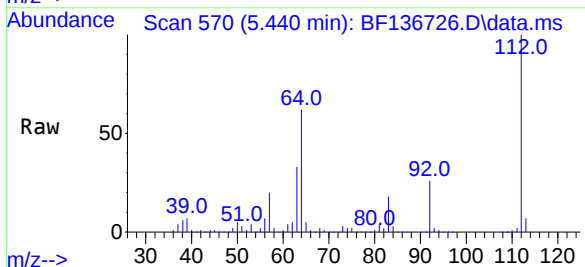
Instrument :
BNA_F
ClientSampleId :
PB157858TB

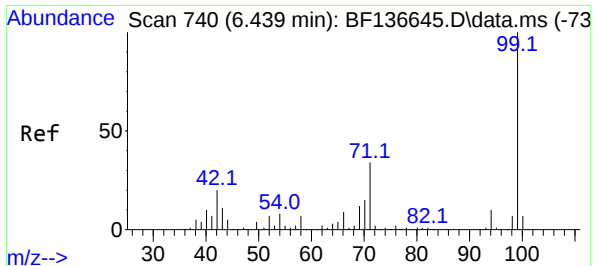
Tgt Ion:152 Resp: 86340
Ion Ratio Lower Upper
152 100
150 162.4 127.0 190.6
115 66.4 49.0 73.4



#5
2-Fluorophenol
Concen: 124.894 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52

Tgt Ion:112 Resp: 691115
Ion Ratio Lower Upper
112 100
64 61.8 51.1 76.7
63 32.7 26.1 39.1

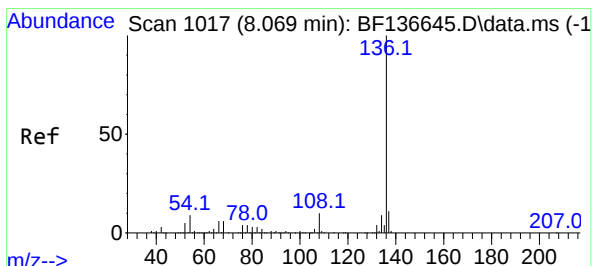
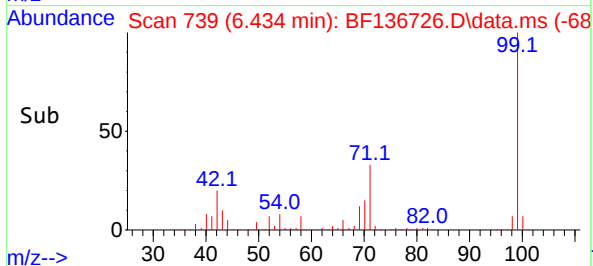
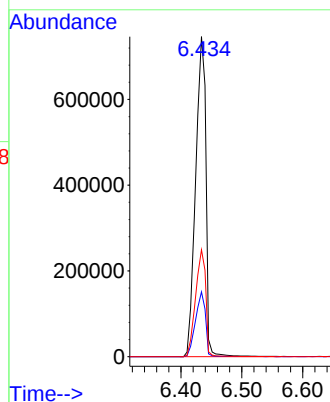
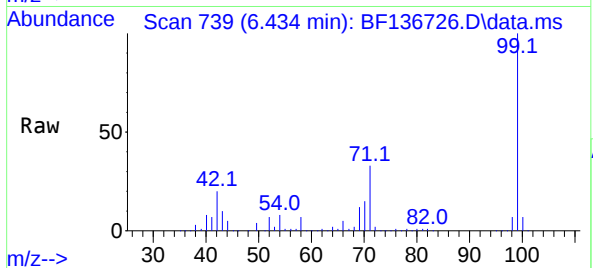




#7
Phenol-d6
Concen: 121.962 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52

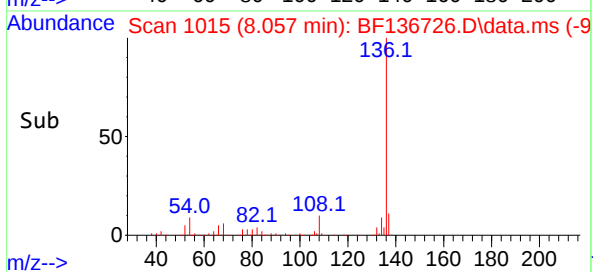
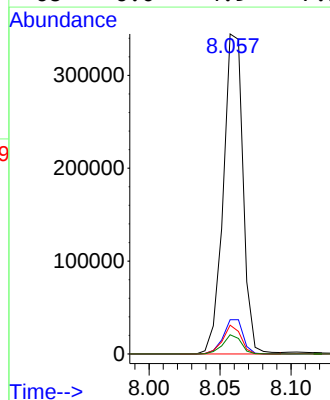
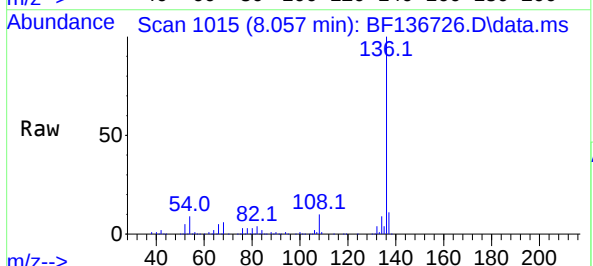
Instrument :
BNA_F
ClientSampleId :
PB157858TB

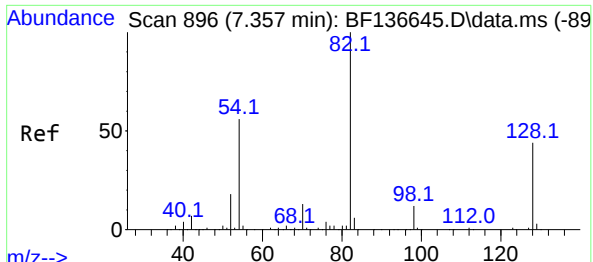
Tgt Ion: 99 Resp: 874493
Ion Ratio Lower Upper
99 100
42 20.3 16.1 24.1
71 33.4 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52

Tgt Ion:136 Resp: 332812
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 9.0 7.2 10.8
68 6.0 4.9 7.3

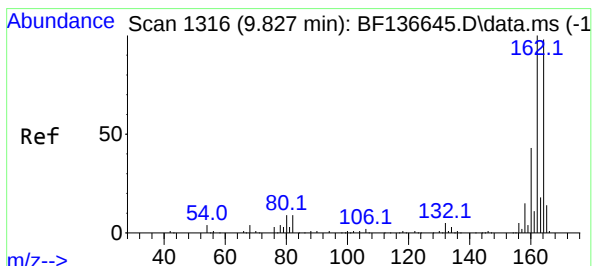
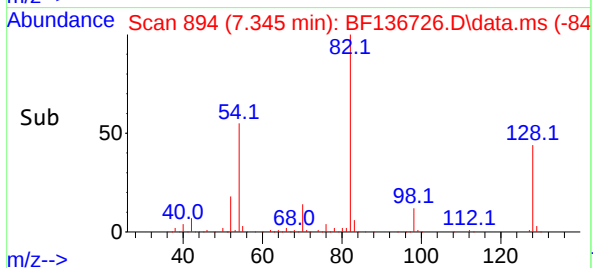
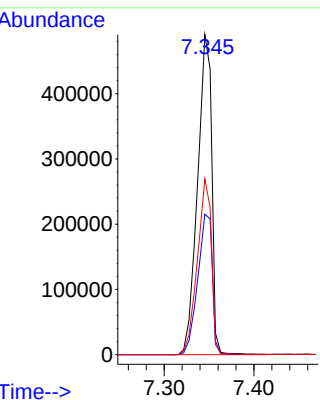
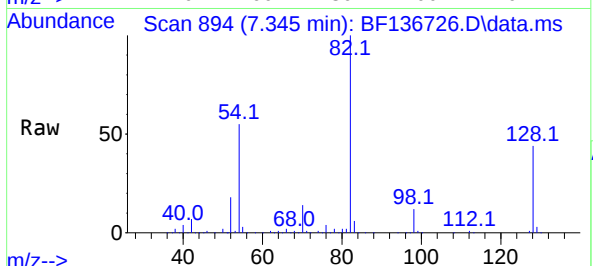




#23
 Nitrobenzene-d5
 Concen: 82.869 ng
 RT: 7.345 min Scan# 89
 Delta R.T. -0.012 min
 Lab File: BF136726.D
 Acq: 26 Dec 2023 18:52

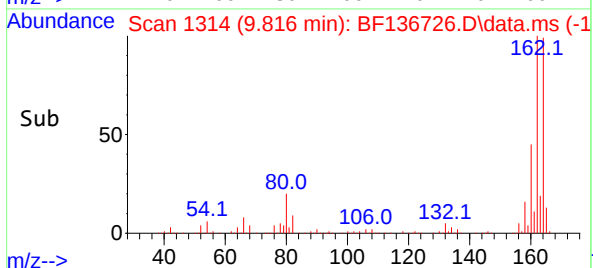
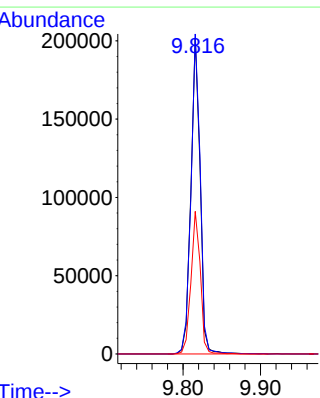
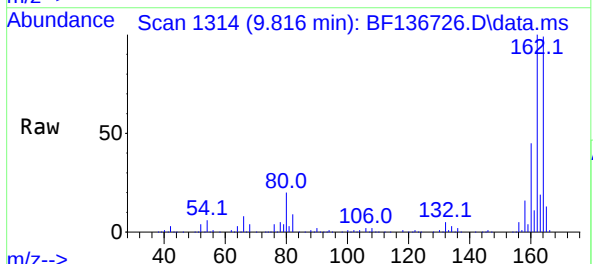
Instrument :
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 ClientSampleId :
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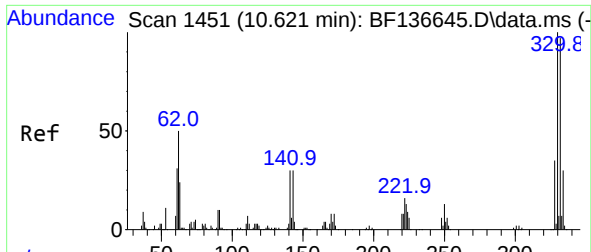
Tgt Ion: 82 Resp: 538973
 Ion Ratio Lower Upper
 82 100
 128 43.9 35.3 52.9
 54 55.0 44.5 66.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1314
 Delta R.T. -0.012 min
 Lab File: BF136726.D
 Acq: 26 Dec 2023 18:52

Tgt Ion:164 Resp: 166937
 Ion Ratio Lower Upper
 164 100
 162 101.2 81.6 122.4
 160 45.1 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 113.272 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136726.D

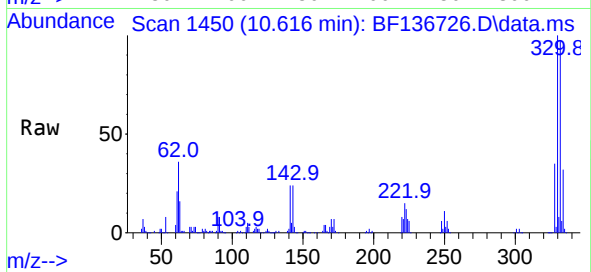
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Instrument :

BNA_F

ClientSampleId :

PB157858TB



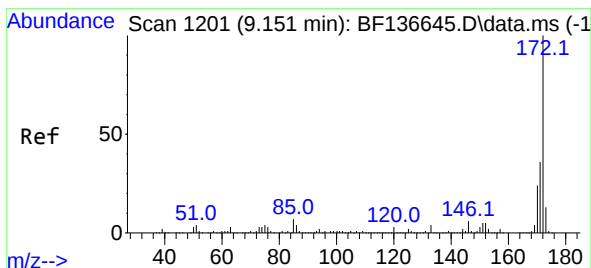
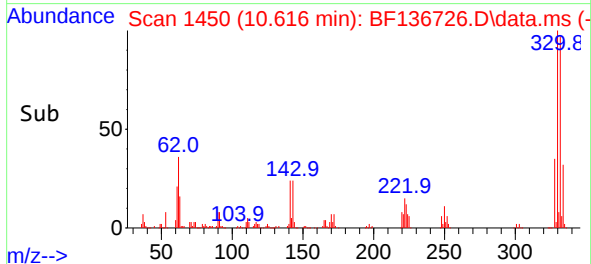
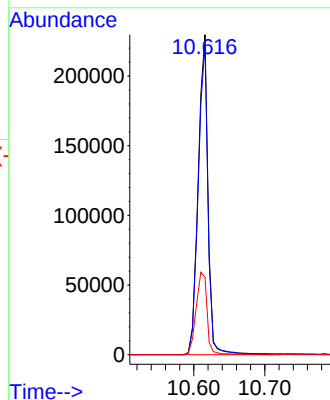
Tgt Ion:330 Resp: 222698

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

141 28.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 82.307 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136726.D

Acq: 26 Dec 2023 18:52

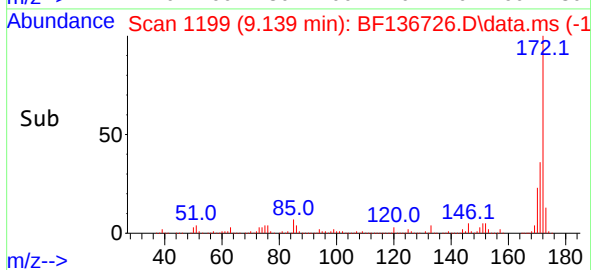
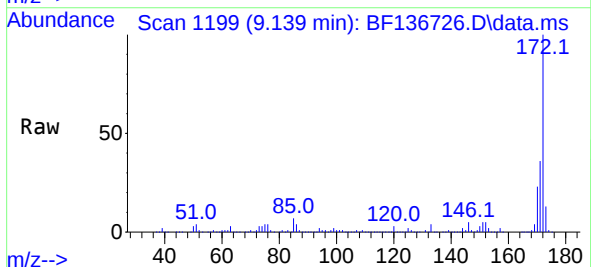
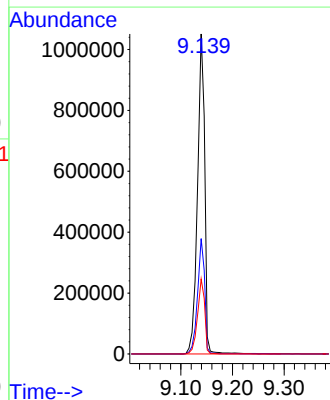
Tgt Ion:172 Resp: 1021583

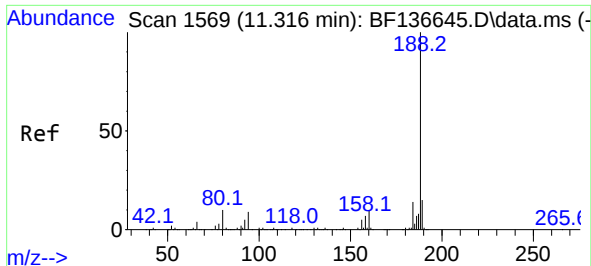
Ion Ratio Lower Upper

172 100

171 36.0 29.0 43.6

170 23.4 19.0 28.4

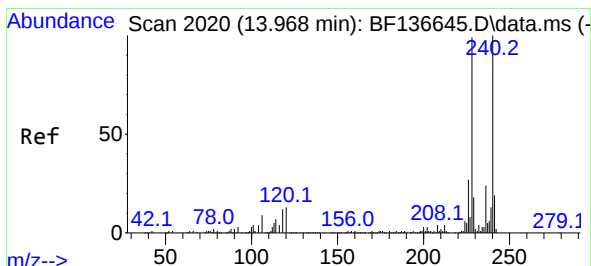
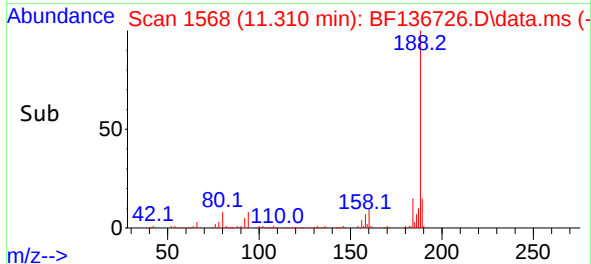
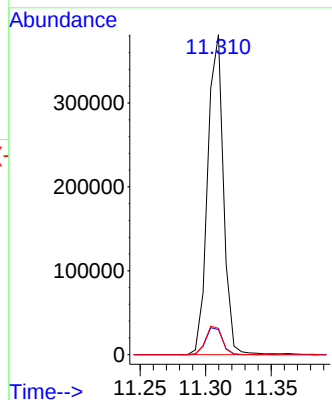
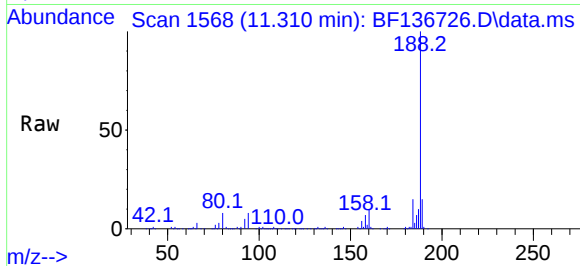




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52

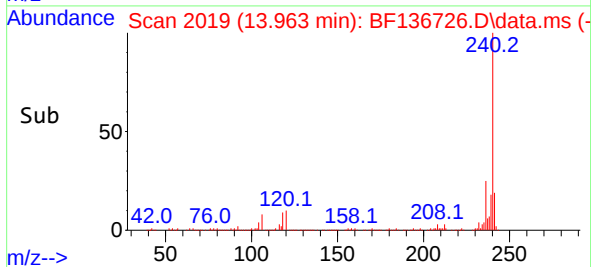
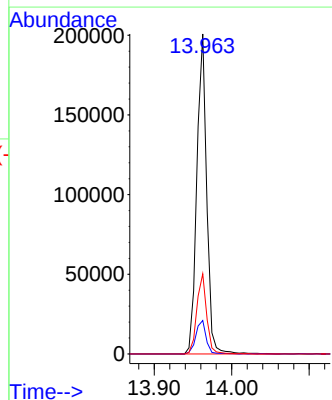
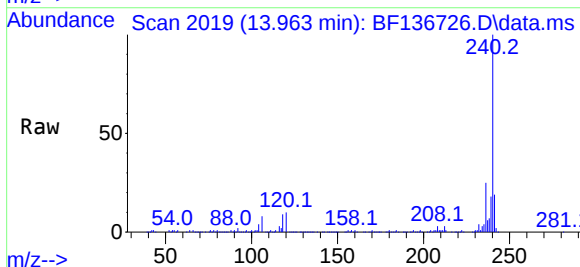
Instrument :
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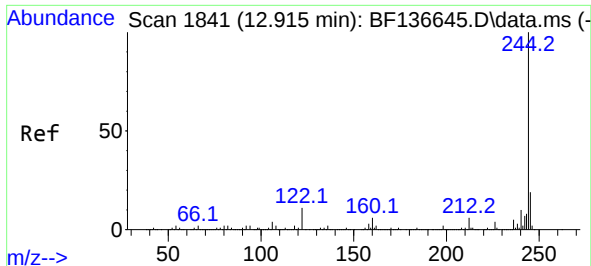
Tgt Ion:188 Resp: 320375
Ion Ratio Lower Upper
188 100
94 7.9 7.5 11.3
80 8.2 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52

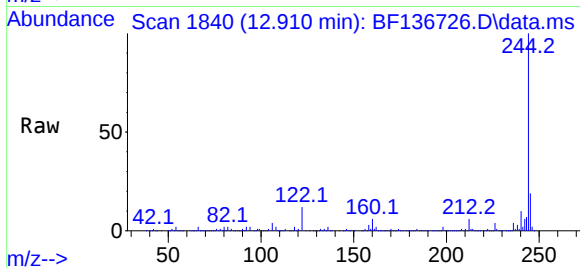
Tgt Ion:240 Resp: 177426
Ion Ratio Lower Upper
240 100
120 10.4 10.3 15.5
236 25.1 19.4 29.2



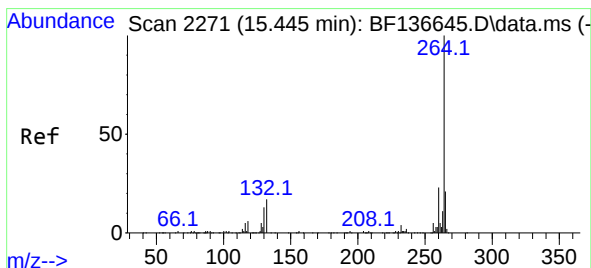
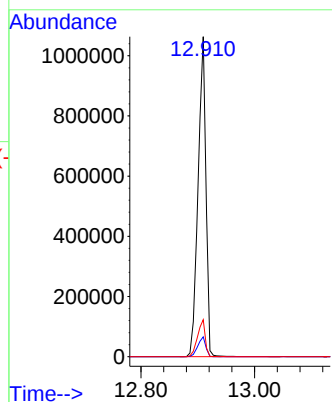
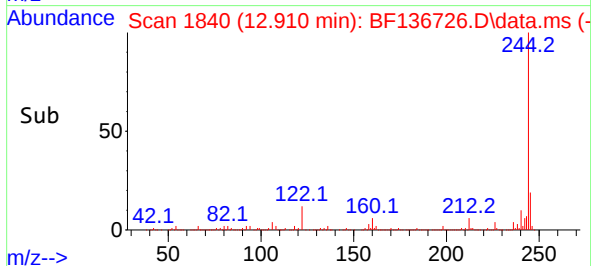


#79
Terphenyl-d14
Concen: 81.013 ng
RT: 12.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136726.D
Acq: 26 Dec 2023 18:52

Instrument :
BNA_F
ClientSampleId :
PB157858TB



Tgt Ion:244 Resp: 1028567
Ion Ratio Lower Upper
244 100
212 6.2 5.0 7.4
122 11.5 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: BF136726.D
Acq: 26 Dec 2023 18:52

Tgt Ion:264 Resp: 162888
Ion Ratio Lower Upper
264 100
260 23.4 18.3 27.5
265 21.2 17.0 25.6

