

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102623\
 Data File : BF135960.D
 Acq On : 26 Oct 2023 13:29
 Operator : CG\JU
 Sample : 04984-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE

Quant Time: Oct 26 14:06:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 26 03:58:01 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

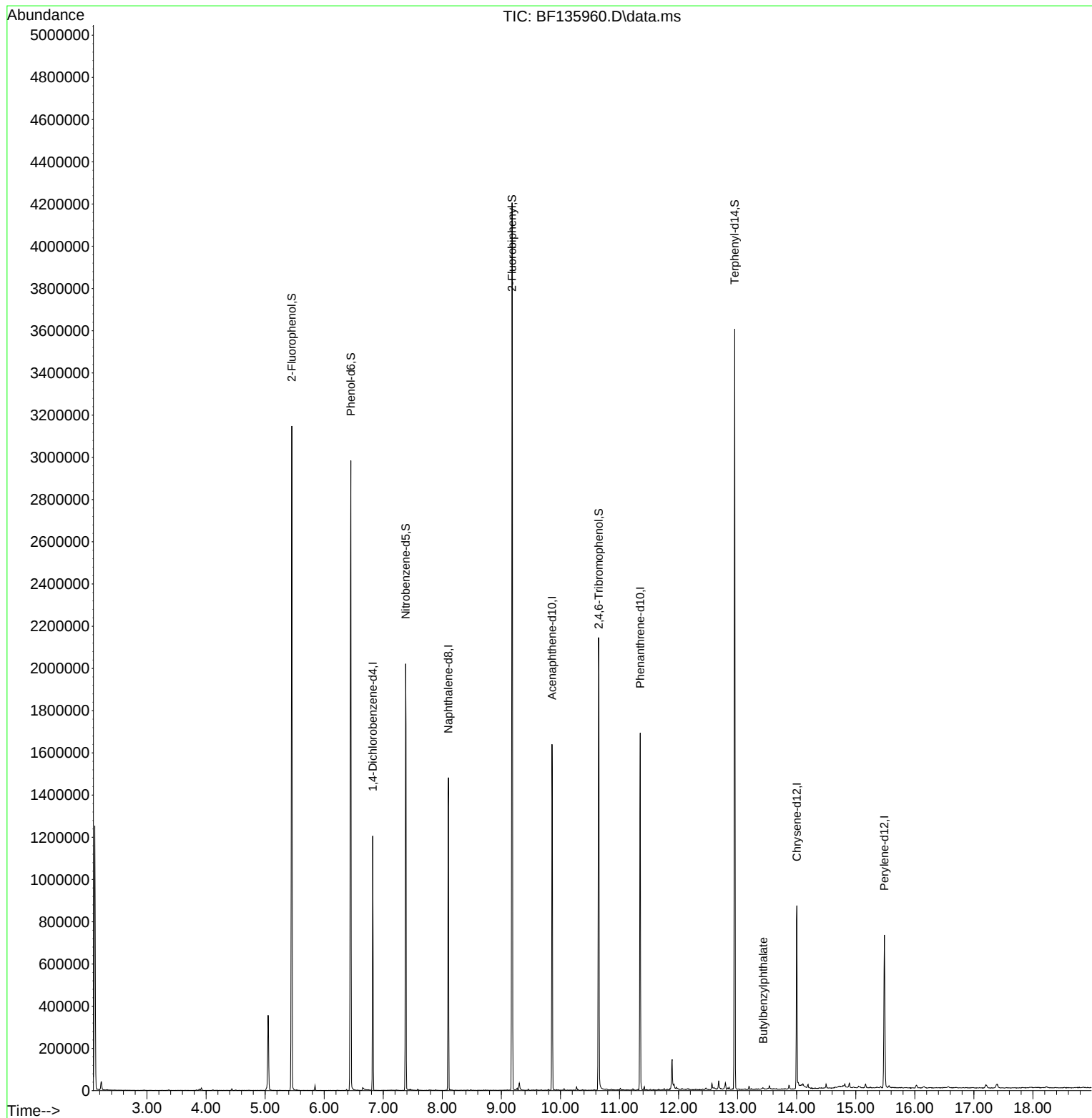
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	154021	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	614772	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	316516	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	577682	20.000	ng	0.00
76) Chrysene-d12	14.004	240	277552	20.000	ng	0.00
86) Perylene-d12	15.486	264	316404	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	849873	85.206	ng	0.00
7) Phenol-d6	6.451	99	1042860	83.982	ng	0.00
23) Nitrobenzene-d5	7.381	82	603594	65.890	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	265344	95.776	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1231913	62.322	ng	0.00
79) Terphenyl-d14	12.951	244	1235060	74.347	ng	0.00
Target Compounds						
80) Butylbenzylphthalate	13.433	149	1018	3.933	ng	Qvalue # 62

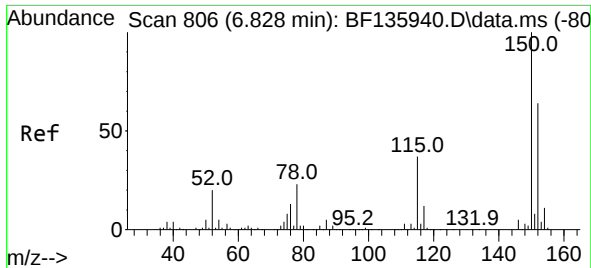
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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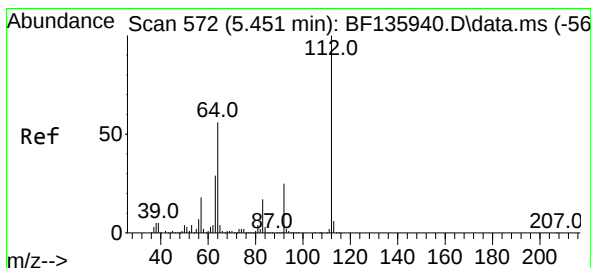
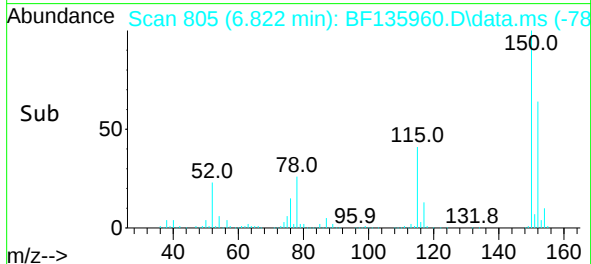
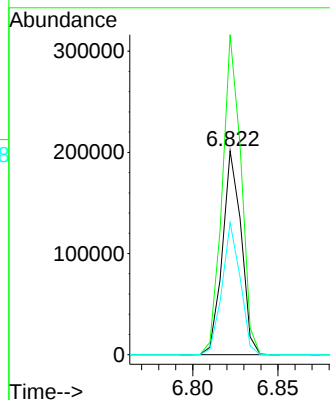
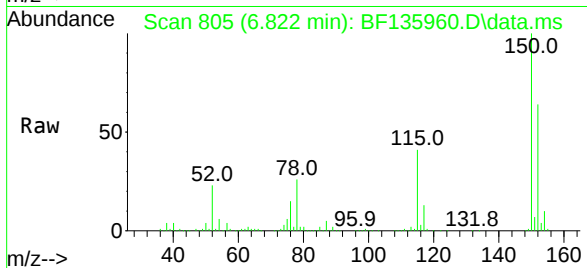




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF135960.D
Acq: 26 Oct 2023 13:29

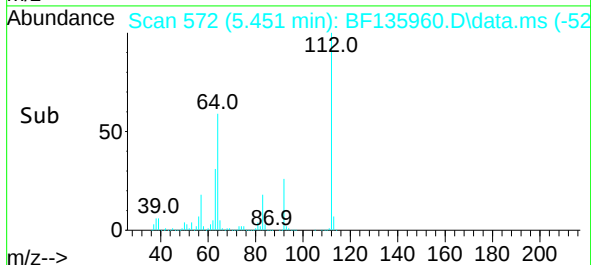
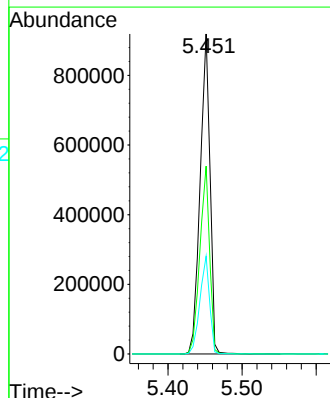
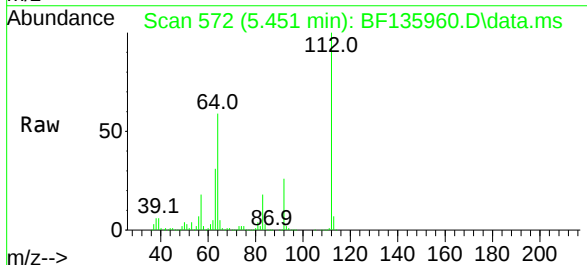
Instrument :
BNA_F
ClientSampleId :
WASTE

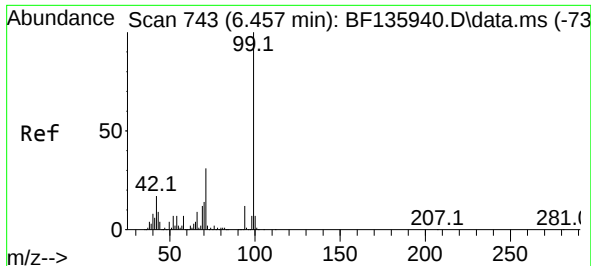
Tgt Ion:152 Resp: 154021
Ion Ratio Lower Upper
152 100
150 156.9 124.6 186.8
115 64.8 46.6 69.8



#5
2-Fluorophenol
Concen: 85.206 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF135960.D
Acq: 26 Oct 2023 13:29

Tgt Ion:112 Resp: 849873
Ion Ratio Lower Upper
112 100
64 58.7 45.1 67.7
63 30.6 23.0 34.4

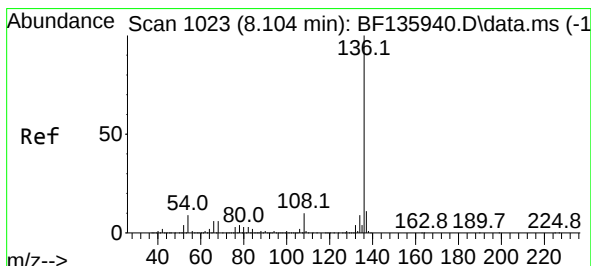
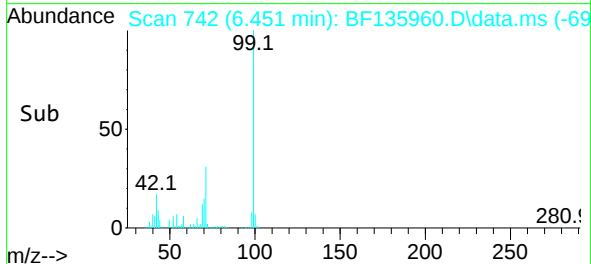
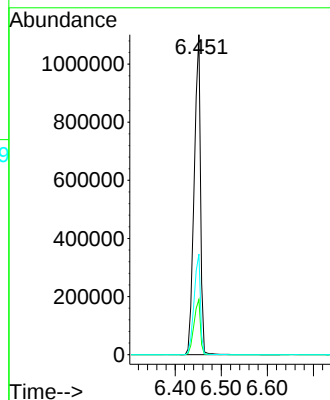
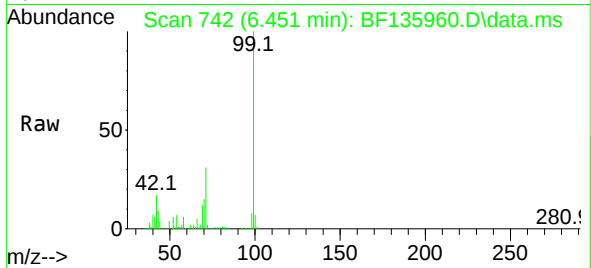




#7
Phenol-d6
Concen: 83.982 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF135960.D
Acq: 26 Oct 2023 13:29

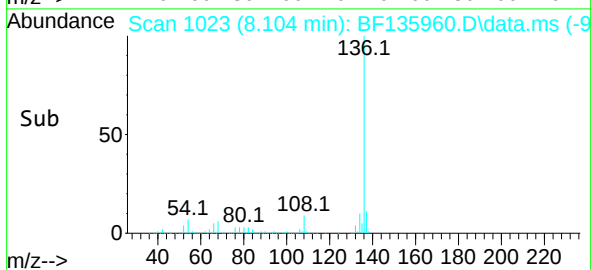
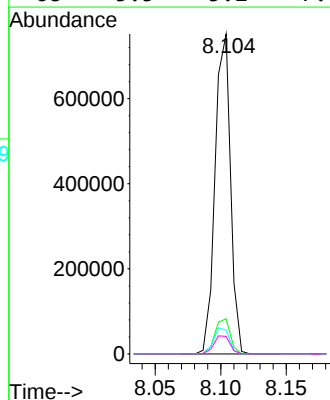
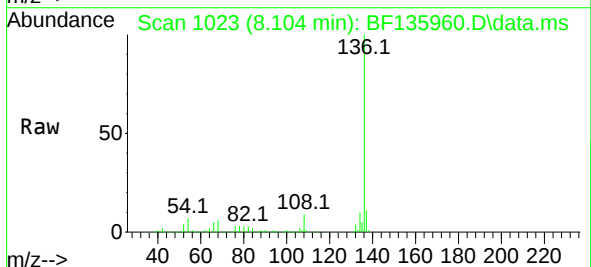
Instrument :
BNA_F
ClientSampleId :
WASTE

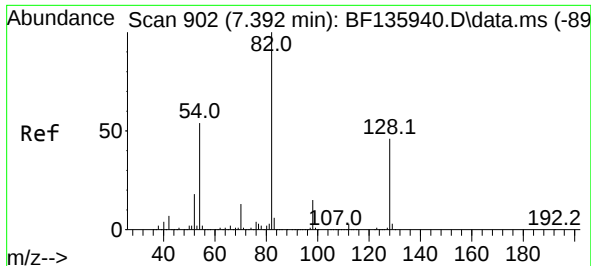
Tgt Ion: 99 Resp: 1042860
Ion Ratio Lower Upper
99 100
42 17.2 13.8 20.8
71 31.5 25.1 37.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF135960.D
Acq: 26 Oct 2023 13:29

Tgt Ion: 136 Resp: 614772
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 7.5 7.1 10.7
68 5.5 5.2 7.8





#23

Nitrobenzene-d5

Concen: 65.890 ng

RT: 7.381 min Scan# 90

Delta R.T. -0.011 min

Lab File: BF135960.D

Acq: 26 Oct 2023 13:29

Instrument :

BNA_F

ClientSampleId :

WASTE

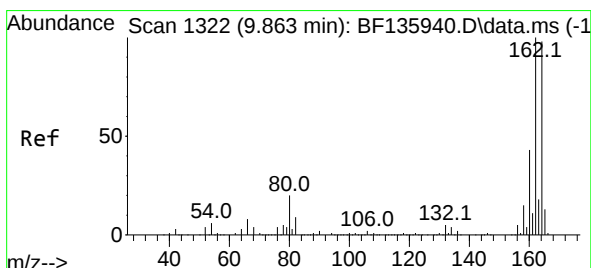
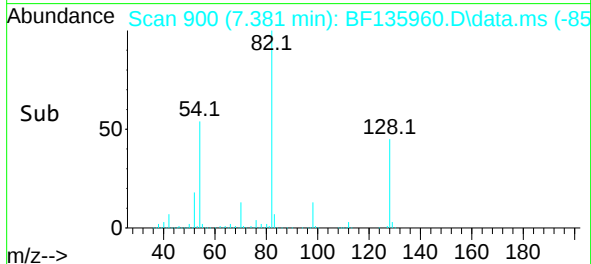
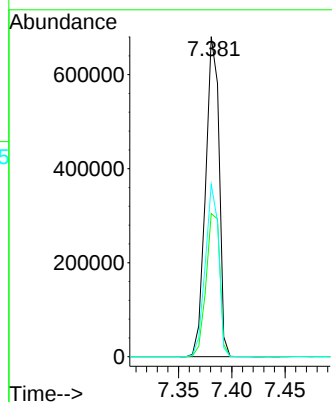
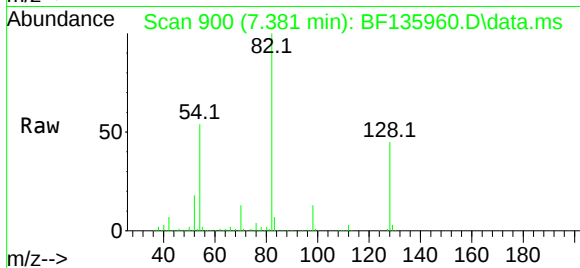
Tgt Ion: 82 Resp: 603594

Ion Ratio Lower Upper

82 100

128 44.7 36.8 55.2

54 53.9 43.4 65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BF135960.D

Acq: 26 Oct 2023 13:29

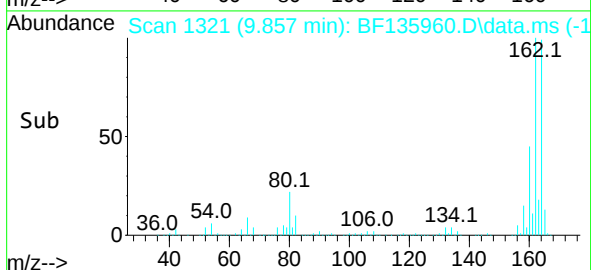
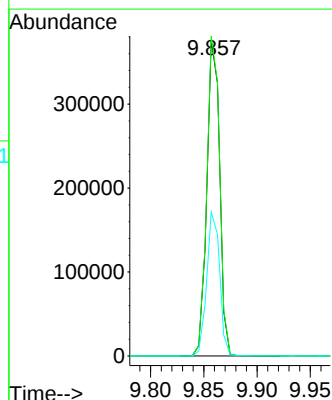
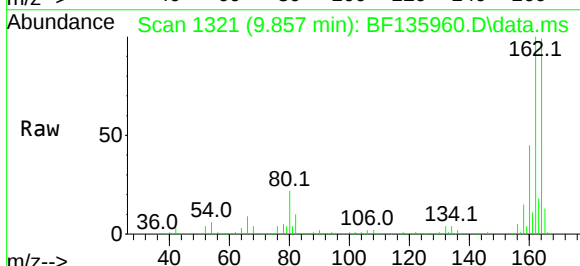
Tgt Ion:164 Resp: 316516

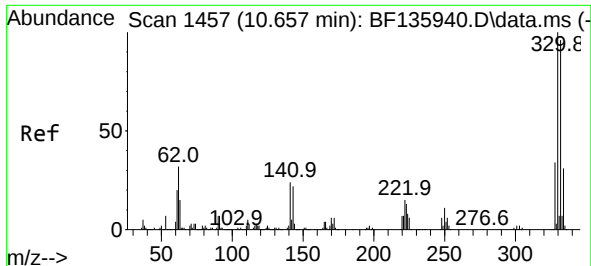
Ion Ratio Lower Upper

164 100

162 101.3 82.0 123.0

160 45.6 35.6 53.4

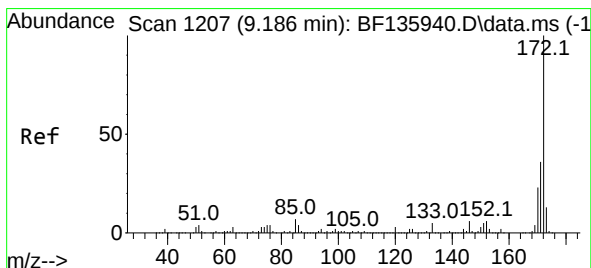
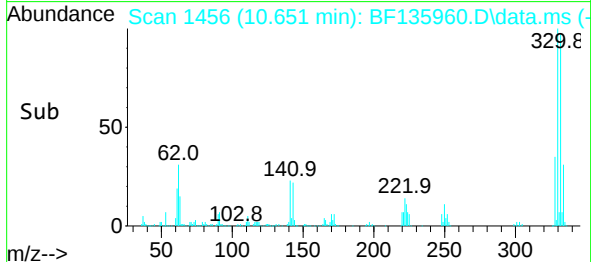
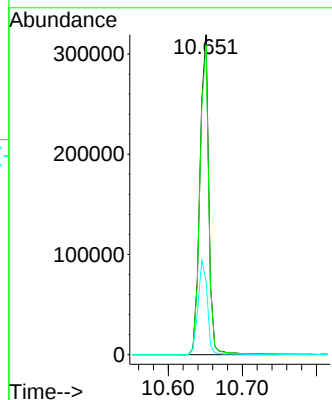
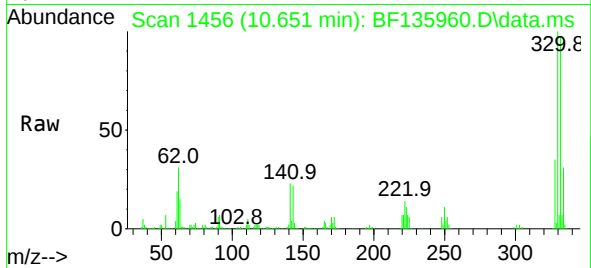




#42
2,4,6-Tribromophenol
Concen: 95.776 ng
RT: 10.651 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF135960.D
Acq: 26 Oct 2023 13:29

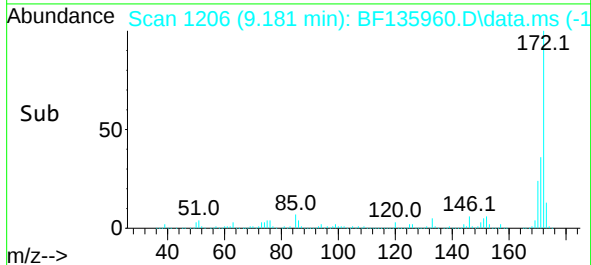
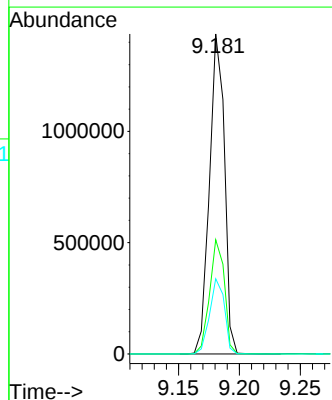
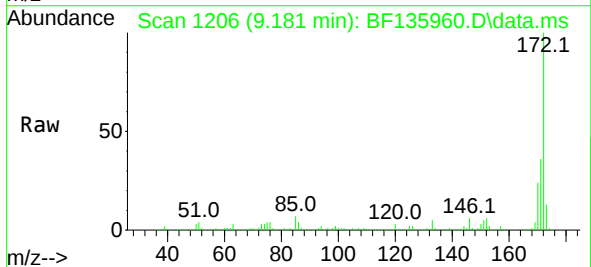
Instrument :
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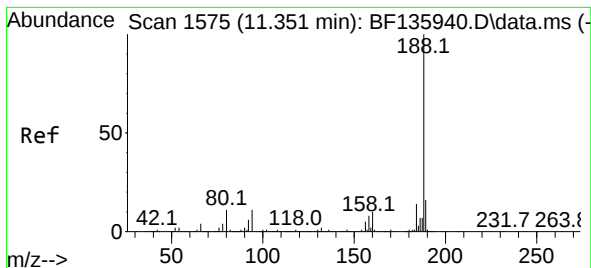
Tgt Ion:330 Resp: 265344
Ion Ratio Lower Upper
330 100
332 97.4 77.4 116.2
141 30.8 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 62.322 ng
RT: 9.181 min Scan# 1206
Delta R.T. -0.006 min
Lab File: BF135960.D
Acq: 26 Oct 2023 13:29

Tgt Ion:172 Resp: 1231913
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.5 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135960.D

Acq: 26 Oct 2023 13:29

Instrument :

BNA_F

ClientSampleId :

WASTE

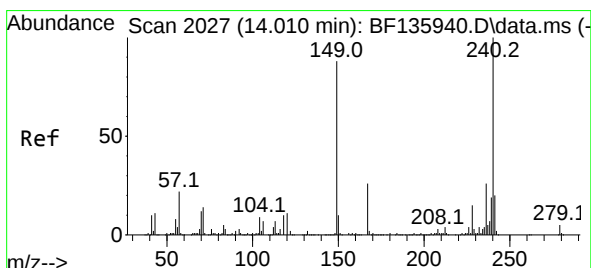
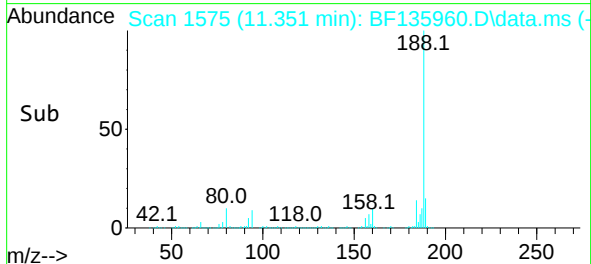
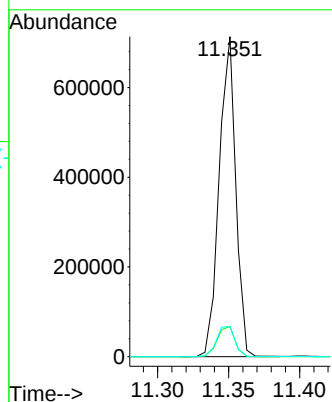
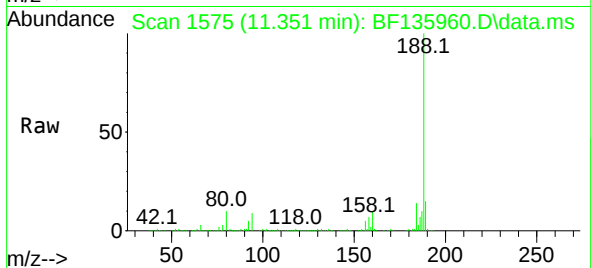
Tgt Ion:188 Resp: 577682

Ion Ratio Lower Upper

188 100

94 9.4 8.6 13.0

80 9.5 9.0 13.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.006 min

Lab File: BF135960.D

Acq: 26 Oct 2023 13:29

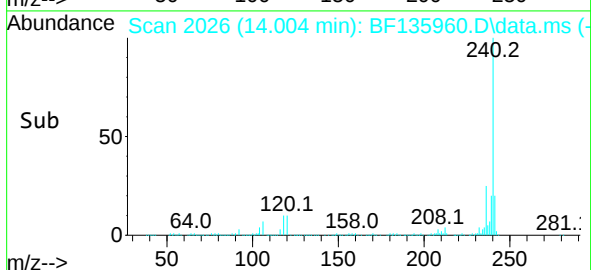
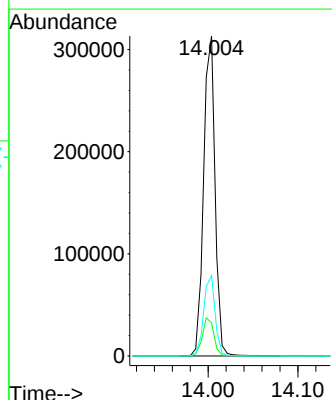
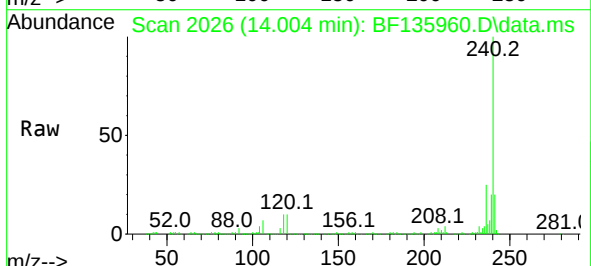
Tgt Ion:240 Resp: 277552

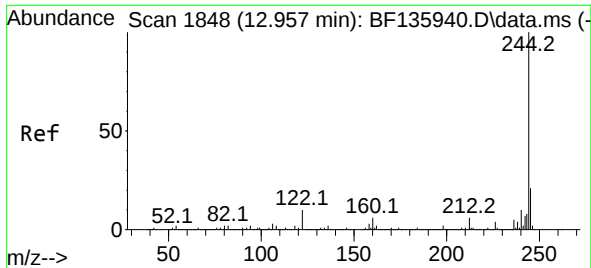
Ion Ratio Lower Upper

240 100

120 10.3 8.6 13.0

236 25.2 20.6 30.8

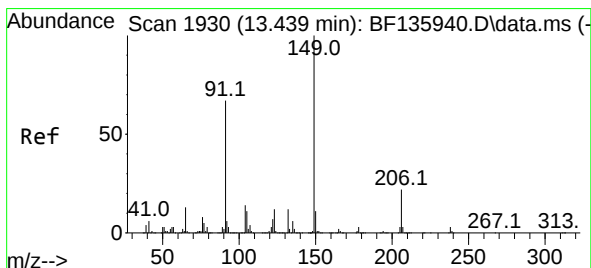
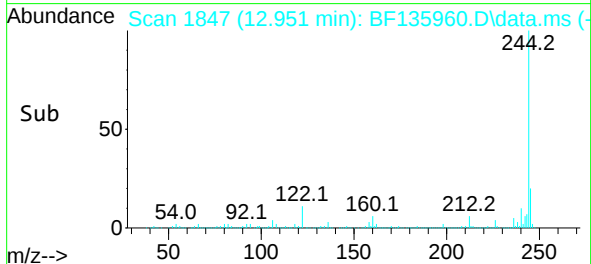
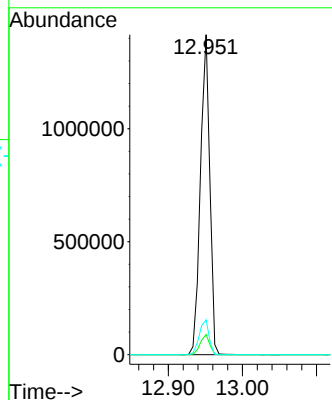
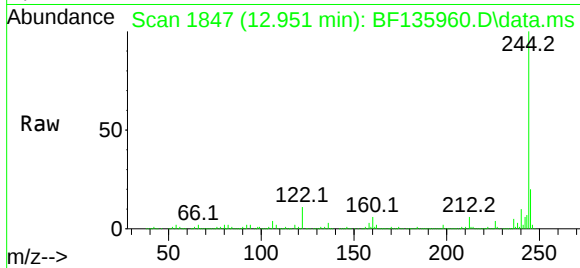




#79
 Terphenyl-d14
 Concen: 74.347 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF135960.D
 Acq: 26 Oct 2023 13:29

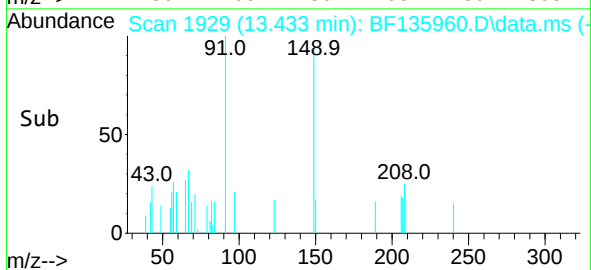
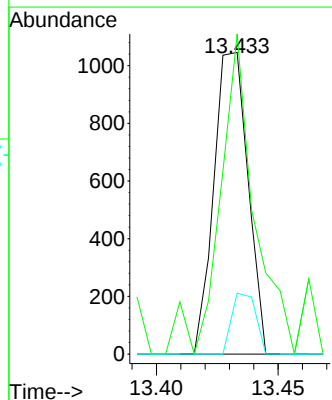
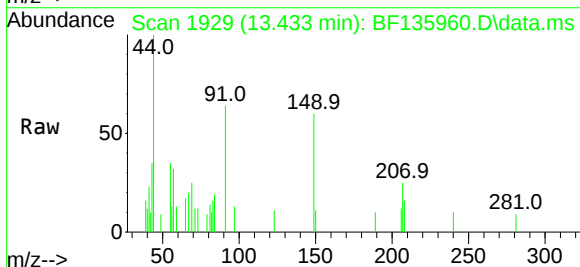
Instrument :
 BNA_F
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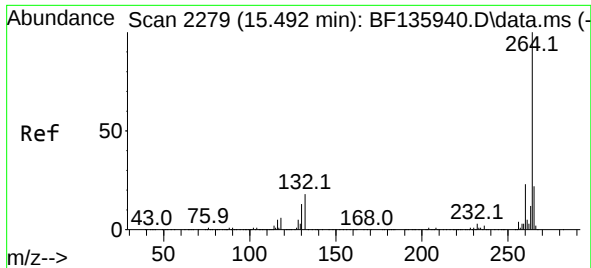
Tgt Ion:244 Resp: 1235060
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.6
 122 10.9 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 3.933 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. -0.006 min
 Lab File: BF135960.D
 Acq: 26 Oct 2023 13:29

Tgt Ion:149 Resp: 1018
 Ion Ratio Lower Upper
 149 100
 91 106.1 53.4 80.0#
 206 20.2 17.5 26.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF135960.D
Acq: 26 Oct 2023 13:29

Instrument :
BNA_F
ClientSampleId :
WASTE

Tgt Ion:264 Resp: 316404

Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	28.0
265	21.8	17.3	25.9

