

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072023\
 Data File : BF134380.D
 Acq On : 20 Jul 2023 14:20
 Operator : CG\JU
 Sample : 03580-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-1

Quant Time: Jul 20 15:05:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

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

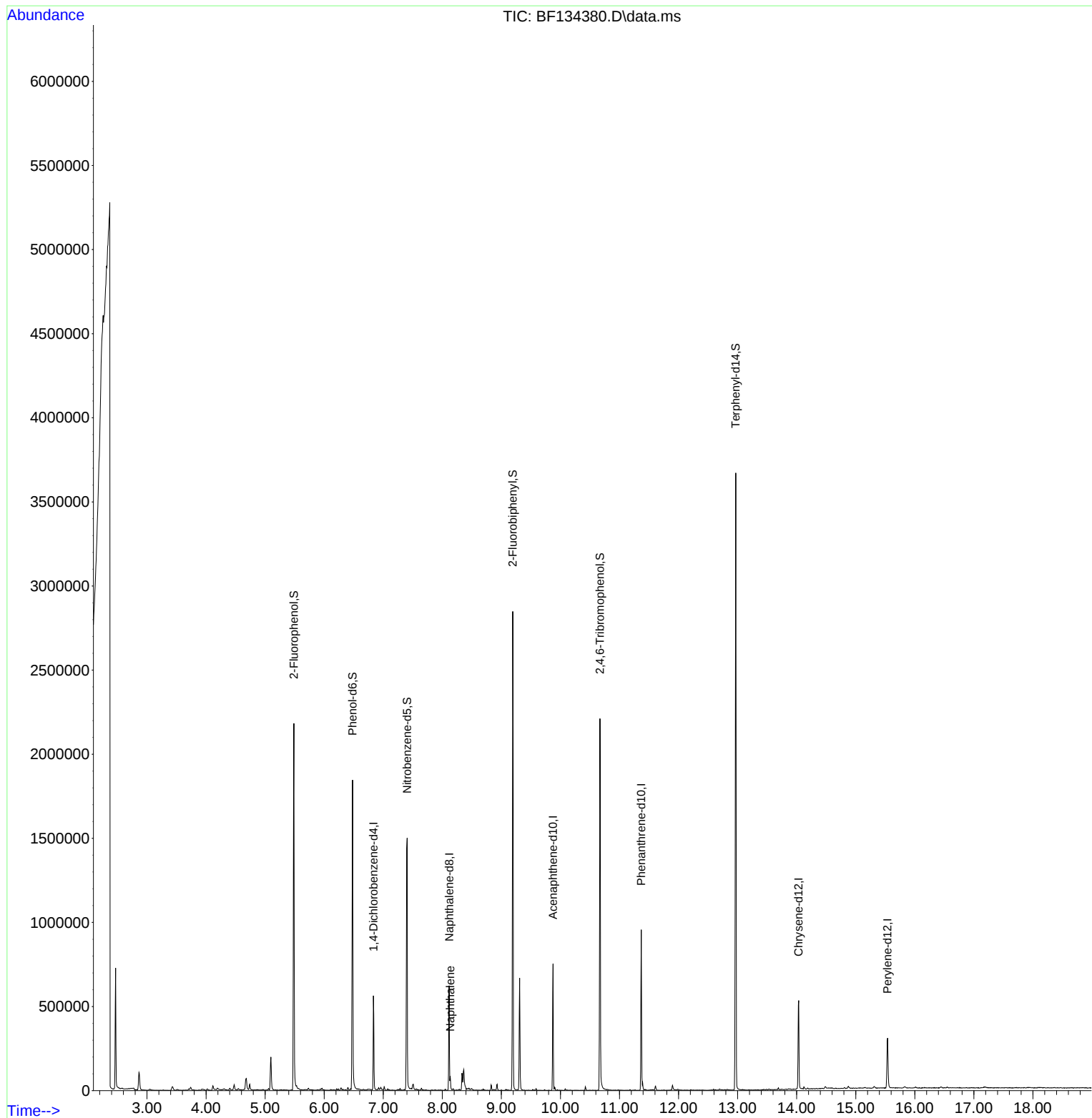
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	80410	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	246677	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	140928	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	329443	20.000	ng	0.00
76) Chrysene-d12	14.033	240	194830	20.000	ng	0.00
86) Perylene-d12	15.539	264	157115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	560866	116.677	ng	0.02
7) Phenol-d6	6.481	99	575091	97.281	ng	0.00
23) Nitrobenzene-d5	7.404	82	513930	112.307	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	292295	165.423	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	856372	88.348	ng	-0.01
79) Terphenyl-d14	12.968	244	1302769	107.617	ng	0.00
Target Compounds						
31) Naphthalene	8.133	128	29014	2.435	ng	Qvalue 98

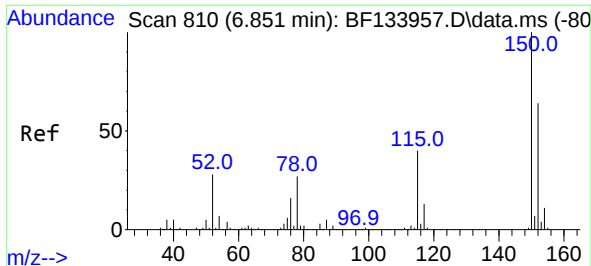
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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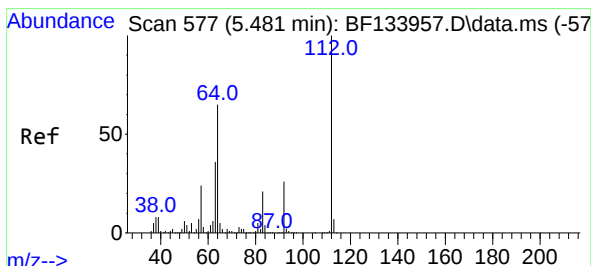
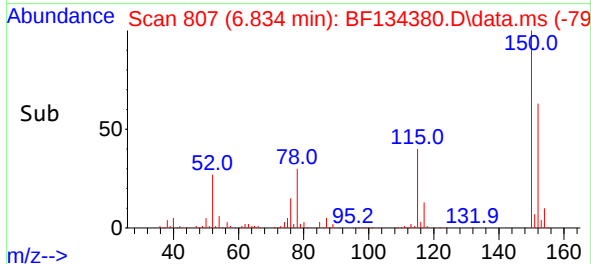
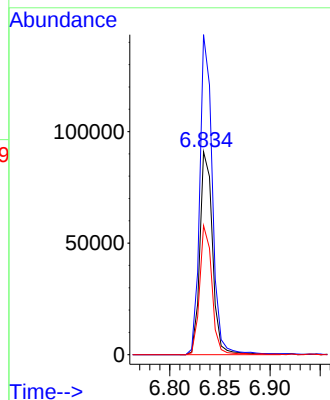
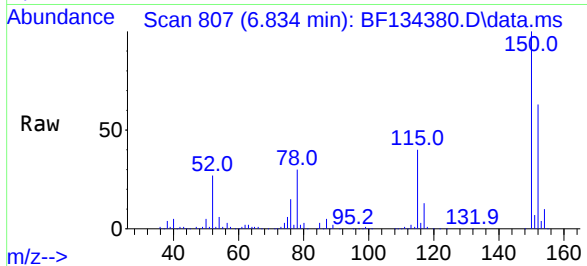




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.011 min
Lab File: BF134380.D
Acq: 20 Jul 2023 14:20

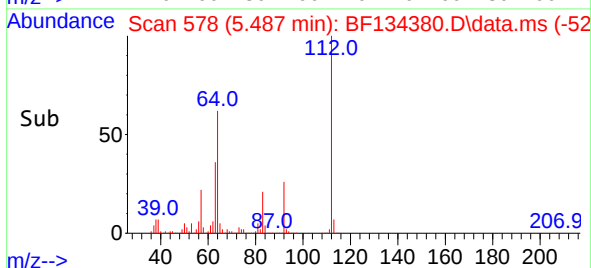
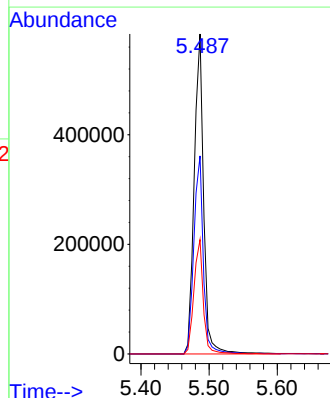
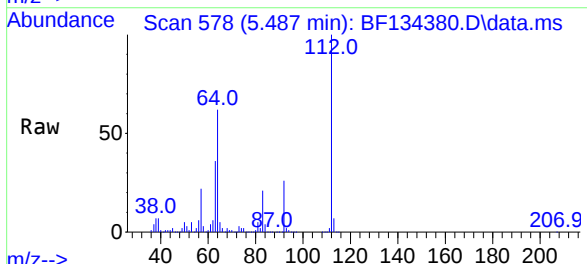
Instrument :
BNA_F
ClientSampleId :
WASTE-1

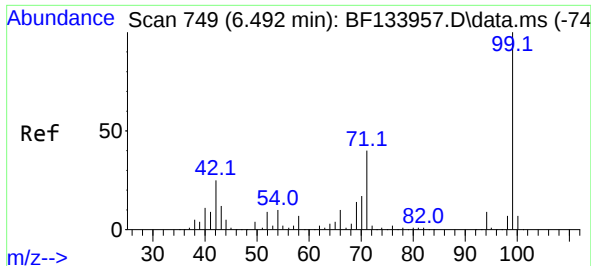
Tgt Ion:152 Resp: 80410
Ion Ratio Lower Upper
152 100
150 157.7 124.5 186.7
115 63.6 50.2 75.2



#5
2-Fluorophenol
Concen: 116.677 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.018 min
Lab File: BF134380.D
Acq: 20 Jul 2023 14:20

Tgt Ion:112 Resp: 560866
Ion Ratio Lower Upper
112 100
64 61.9 52.1 78.1
63 35.8 28.6 42.8

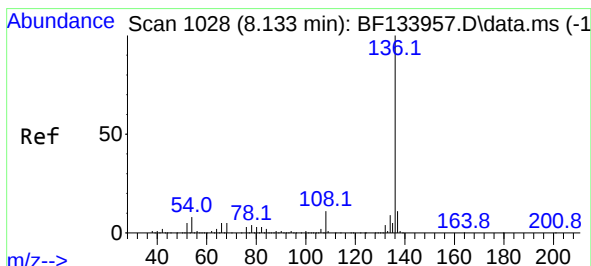
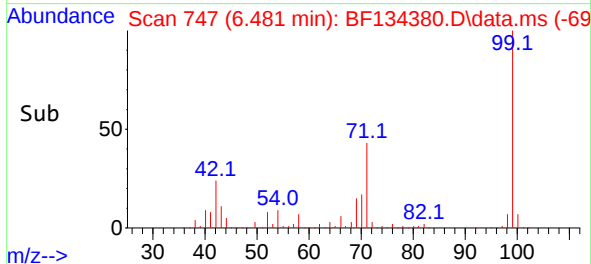
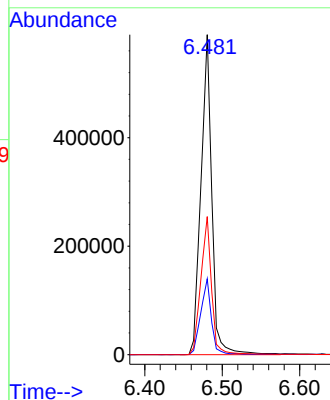
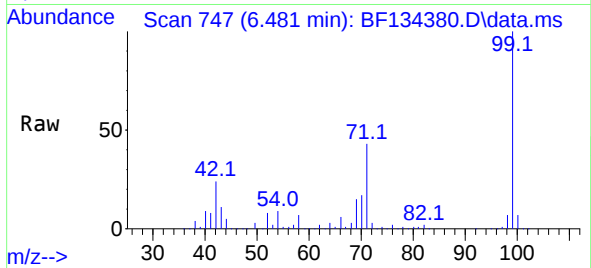




#7
Phenol-d6
Concen: 97.281 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134380.D
Acq: 20 Jul 2023 14:20

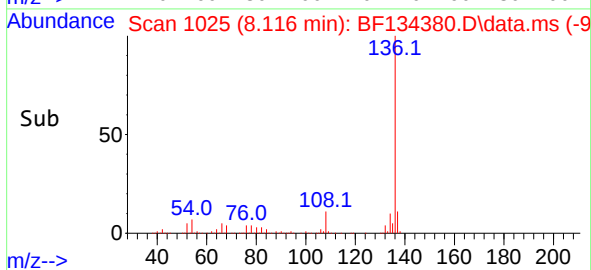
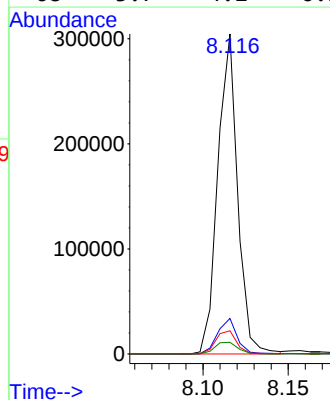
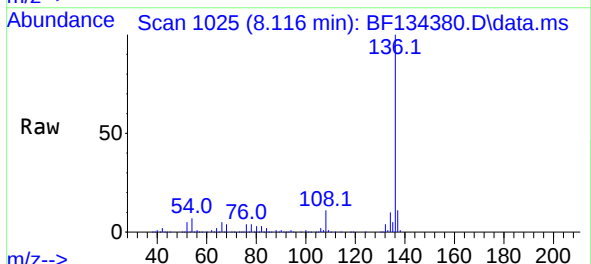
Instrument :
BNA_F
ClientSampleId :
WASTE-1

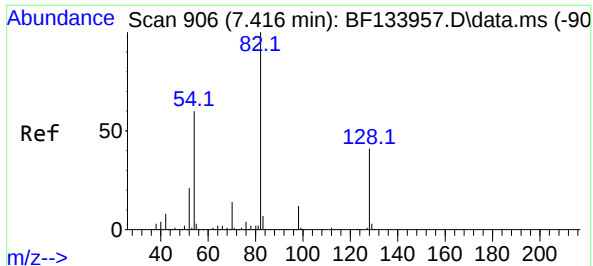
Tgt Ion: 99 Resp: 575091
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.6
71 43.1 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF134380.D
Acq: 20 Jul 2023 14:20

Tgt Ion:136 Resp: 246677
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.3 6.5 9.7
68 3.7 4.2 6.2#

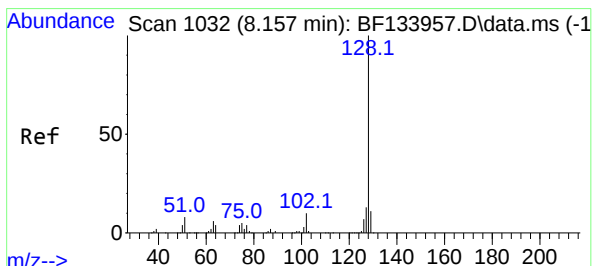
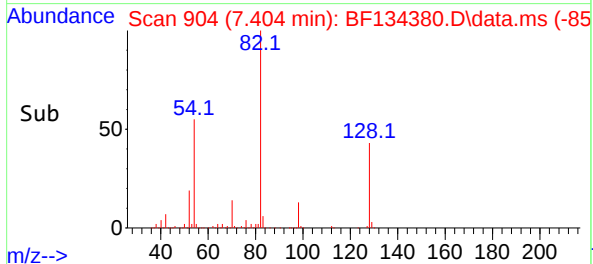
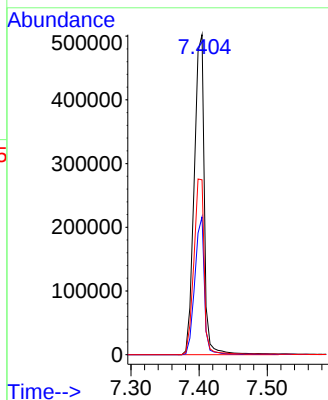
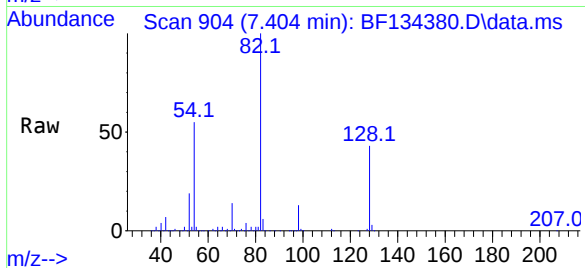




#23
Nitrobenzene-d5
Concen: 112.307 ng
RT: 7.404 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134380.D
Acq: 20 Jul 2023 14:20

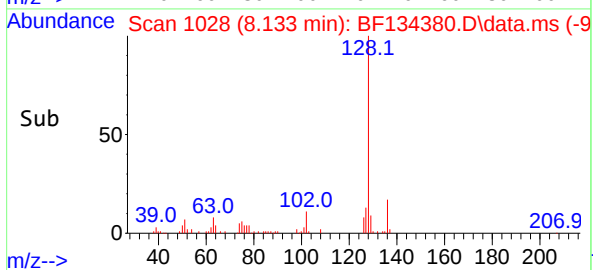
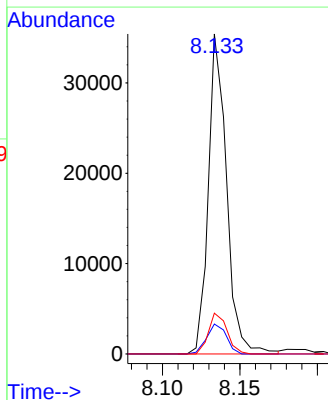
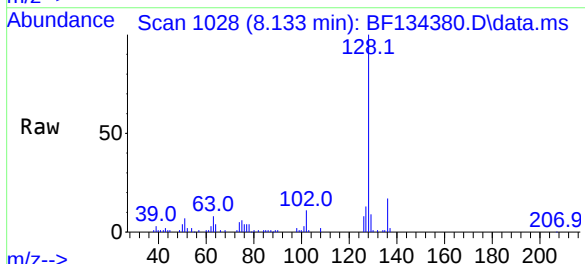
Instrument :
BNA_F
ClientSampleId :
WASTE-1

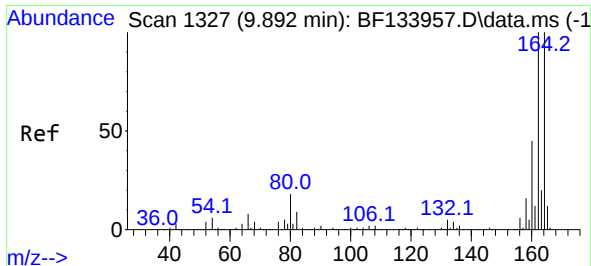
Tgt Ion: 82 Resp: 513930
Ion Ratio Lower Upper
82 100
128 43.1 32.5 48.7
54 54.6 48.2 72.2



#31
Naphthalene
Concen: 2.435 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF134380.D
Acq: 20 Jul 2023 14:20

Tgt Ion:128 Resp: 29014
Ion Ratio Lower Upper
128 100
129 9.4 8.7 13.1
127 12.7 10.6 15.8

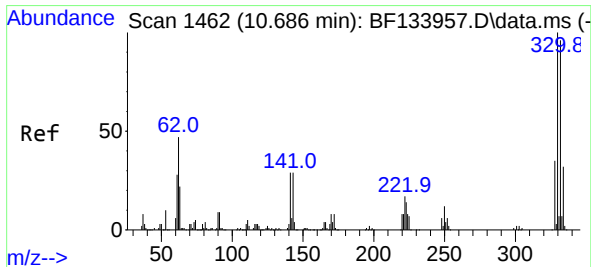
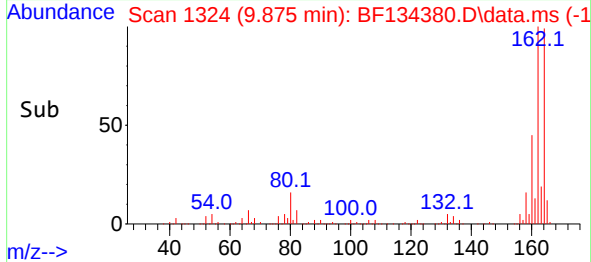
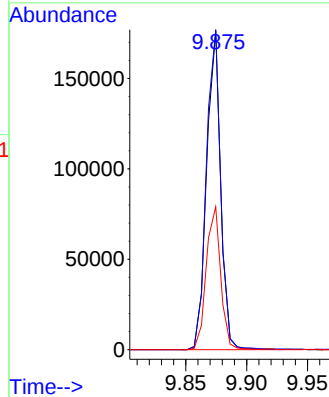
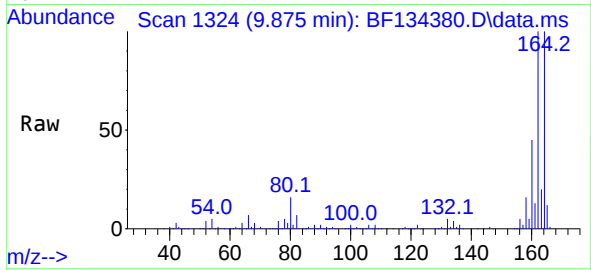




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134380.D
Acq: 20 Jul 2023 14:20

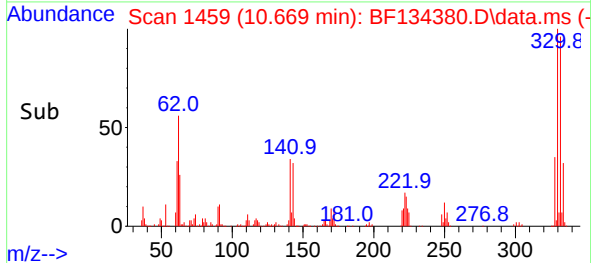
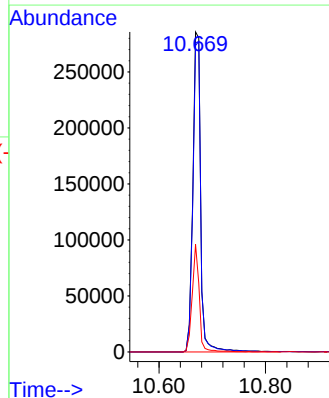
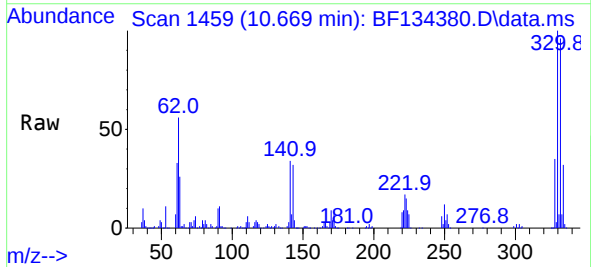
Instrument :
BNA_F
ClientSampleId :
WASTE-1

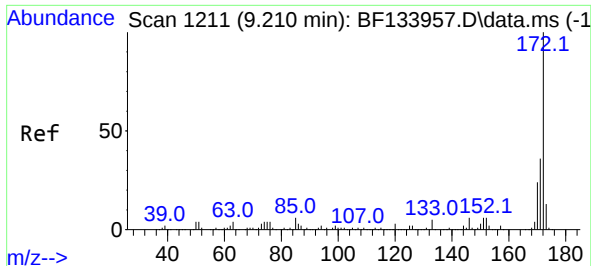
Tgt Ion:164 Resp: 140928
Ion Ratio Lower Upper
164 100
162 100.4 80.0 120.0
160 44.8 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 165.423 ng
RT: 10.669 min Scan# 1459
Delta R.T. -0.012 min
Lab File: BF134380.D
Acq: 20 Jul 2023 14:20

Tgt Ion:330 Resp: 292295
Ion Ratio Lower Upper
330 100
332 97.0 77.0 115.6
141 30.2 26.3 39.5





#45

2-Fluorobiphenyl

Concen: 88.348 ng

RT: 9.192 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134380.D

Acq: 20 Jul 2023 14:20

Instrument :

BNA_F

ClientSampleId :

WASTE-1

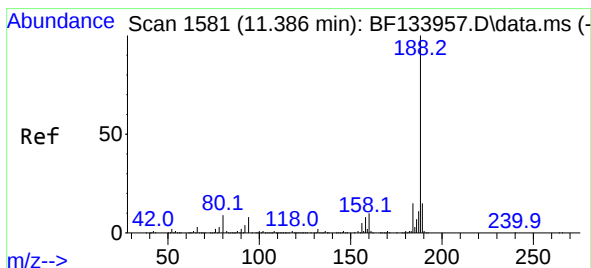
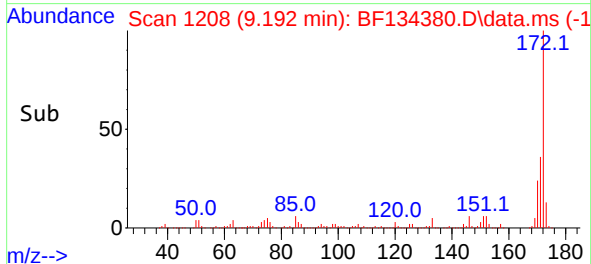
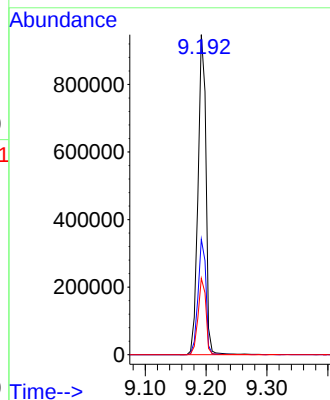
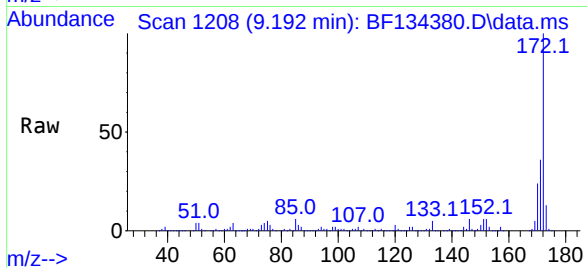
Tgt Ion:172 Resp: 856372

Ion Ratio Lower Upper

172 100

171 36.1 28.6 43.0

170 23.9 19.4 29.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1578

Delta R.T. -0.006 min

Lab File: BF134380.D

Acq: 20 Jul 2023 14:20

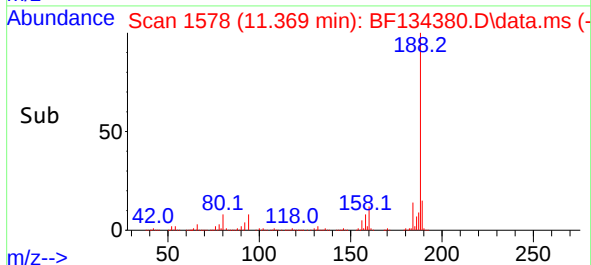
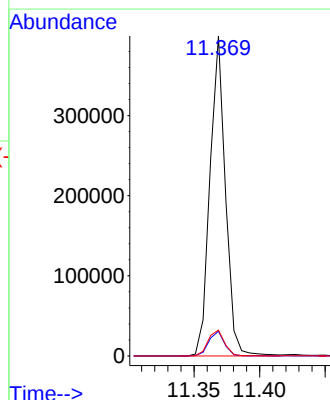
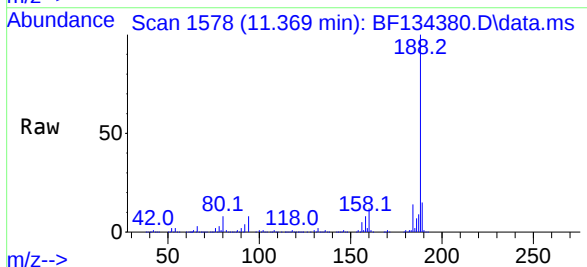
Tgt Ion:188 Resp: 329443

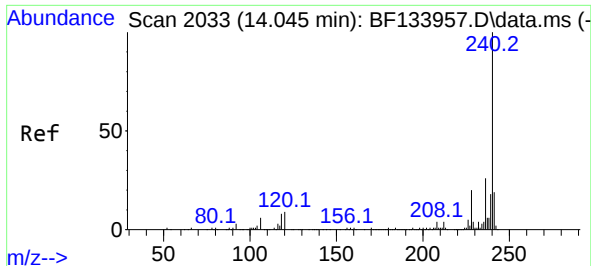
Ion Ratio Lower Upper

188 100

94 7.7 6.4 9.6

80 8.1 7.3 10.9

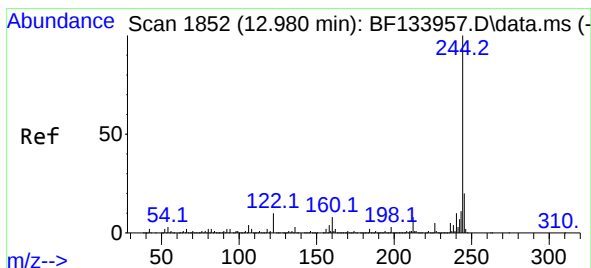
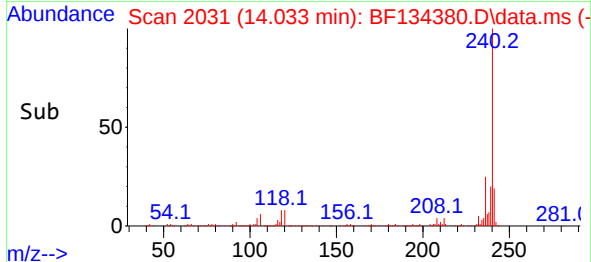
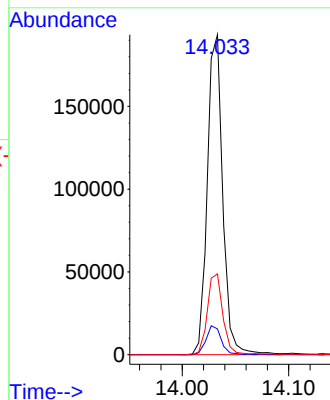
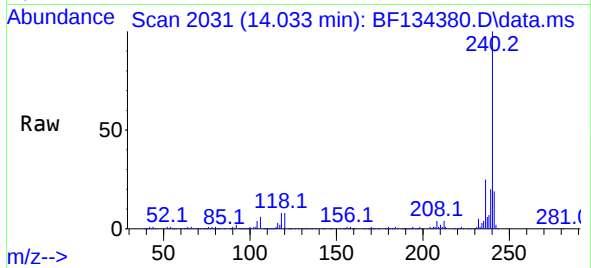




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134380.D
Acq: 20 Jul 2023 14:20

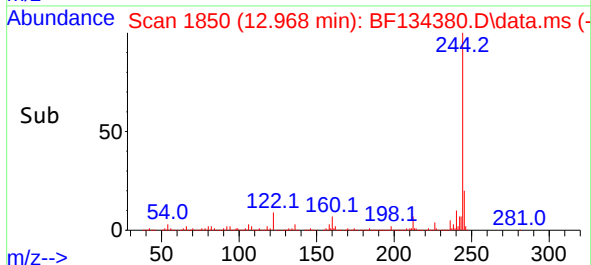
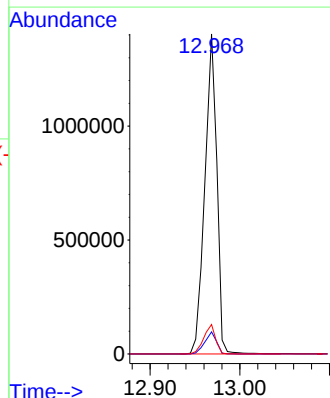
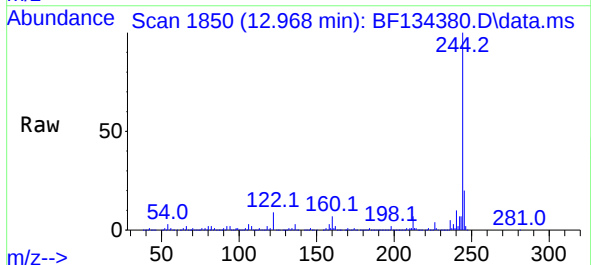
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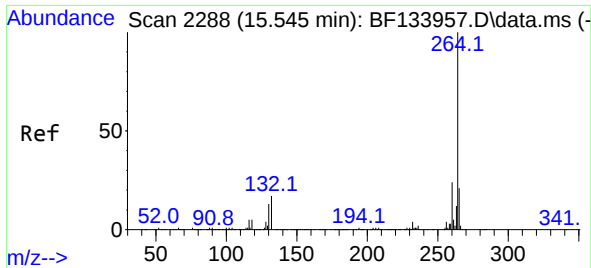
Tgt Ion:240 Resp: 194830
Ion Ratio Lower Upper
240 100
120 8.0 7.4 11.0
236 25.2 21.0 31.6



#79
Terphenyl-d14
Concen: 107.617 ng
RT: 12.968 min Scan# 1850
Delta R.T. -0.006 min
Lab File: BF134380.D
Acq: 20 Jul 2023 14:20

Tgt Ion:244 Resp: 1302769
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 9.2 8.3 12.5





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF134380.D
 Acq: 20 Jul 2023 14:20

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 157115
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 22.8 16.6 25.0

