

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134152.D
 Acq On : 08 Jul 2023 17:08
 Operator : CG\JU
 Sample : 03519-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KULLER-COMP

Quant Time: Jul 09 00:38:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

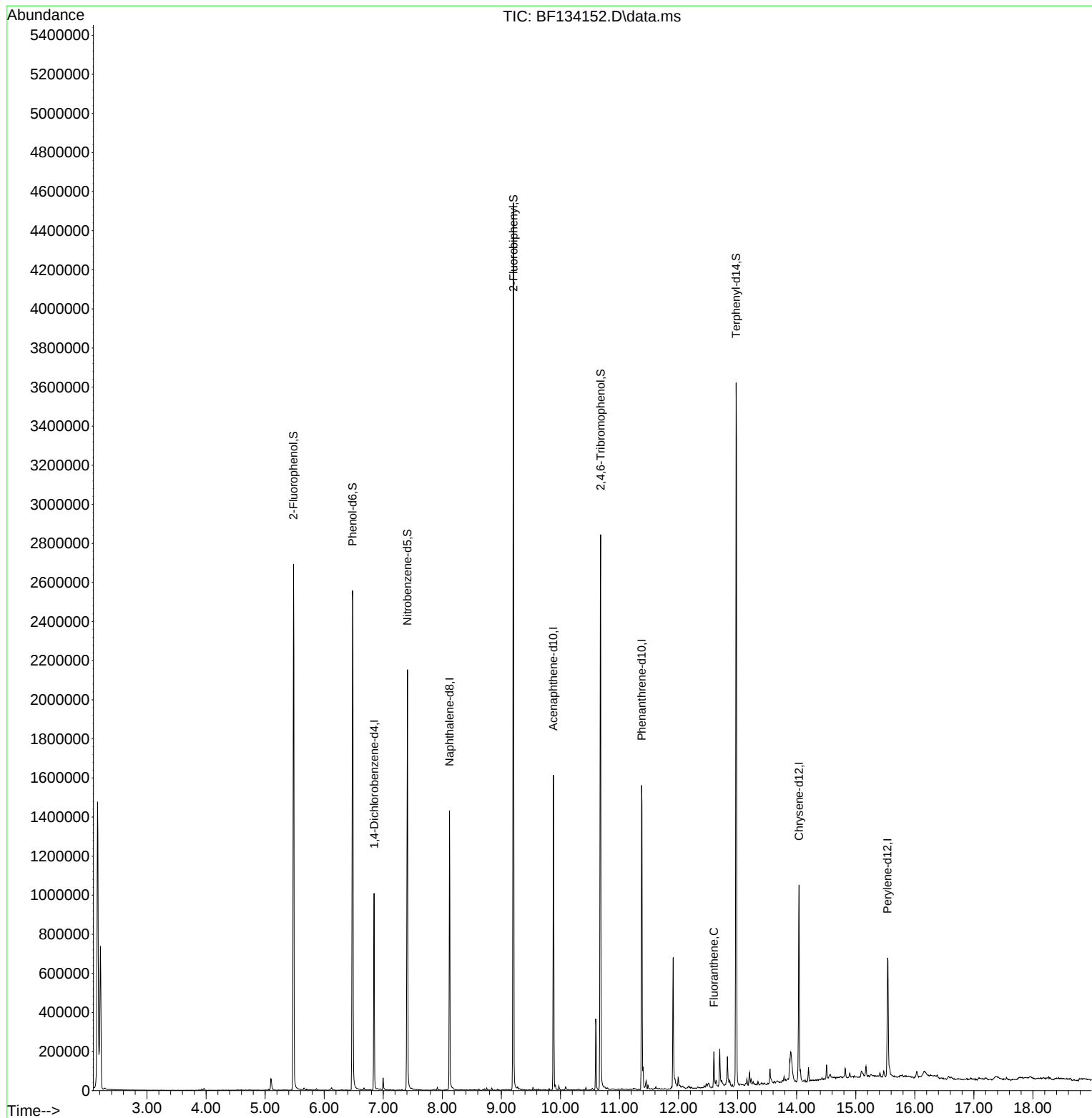
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	138022	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	595467	20.000	ng	-0.01
39) Acenaphthene-d10	9.881	164	318965	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	614534	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	343906	20.000	ng	-0.01
86) Perylene-d12	15.539	264	311695	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	739180	89.585	ng	0.00
7) Phenol-d6	6.481	99	940167	92.652	ng	-0.01
23) Nitrobenzene-d5	7.410	82	658999	59.657	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	386259	96.584	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1323294	60.318	ng	0.00
79) Terphenyl-d14	12.974	244	1376295	64.408	ng	-0.01
Target Compounds						
75) Fluoranthene	12.598	202	68789	2.057	ng	98

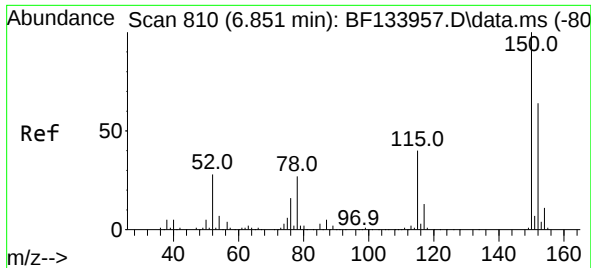
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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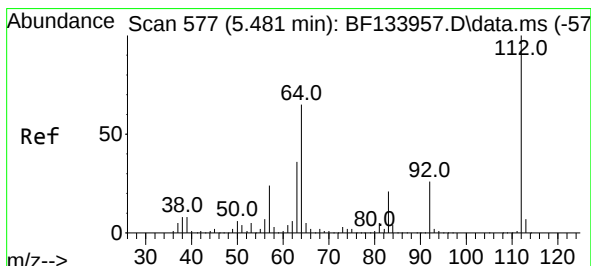
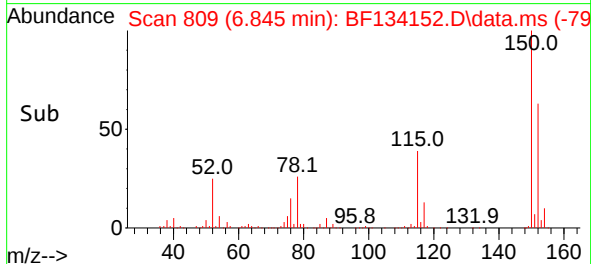
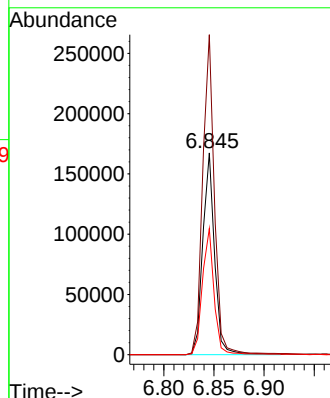
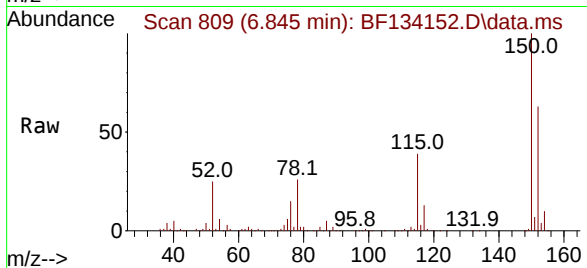




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

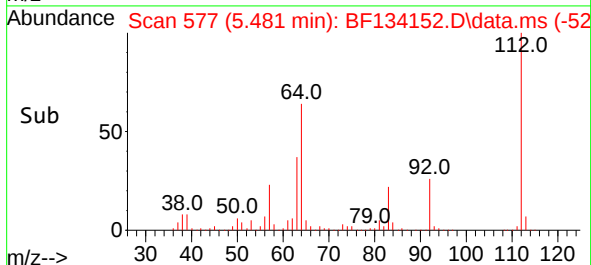
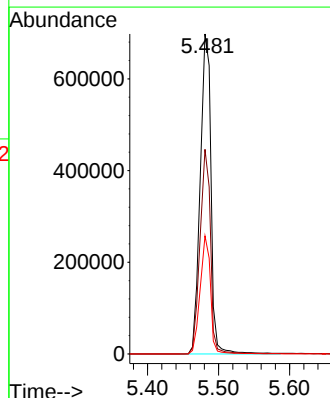
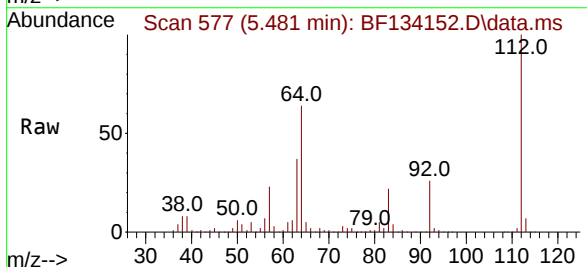
Instrument :
BNA_F
ClientSampleId :
KULLER-COMP

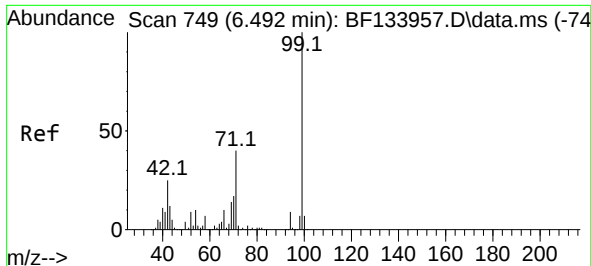
Tgt Ion:152 Resp: 138022
Ion Ratio Lower Upper
152 100
150 158.5 124.5 186.7
115 62.5 50.2 75.2



#5
2-Fluorophenol
Concen: 89.585 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

Tgt Ion:112 Resp: 739180
Ion Ratio Lower Upper
112 100
64 64.0 52.1 78.1
63 36.9 28.6 42.8

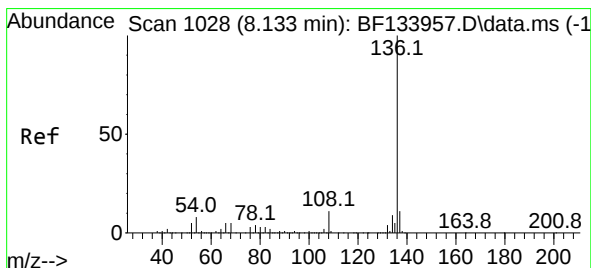
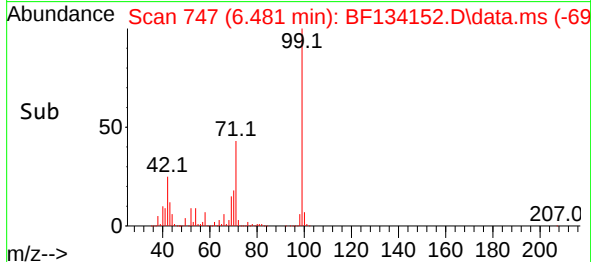
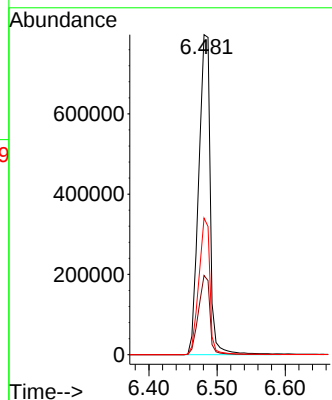
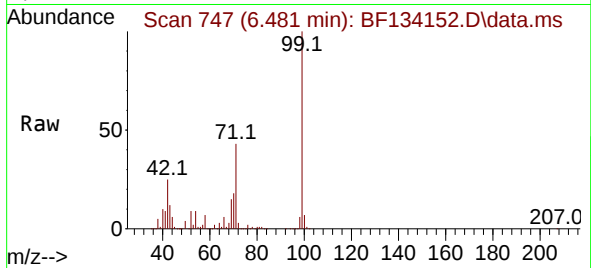




#7
Phenol-d6
Concen: 92.652 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

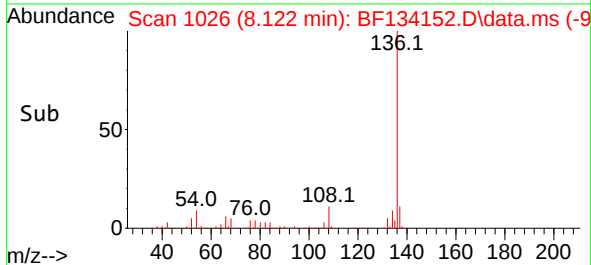
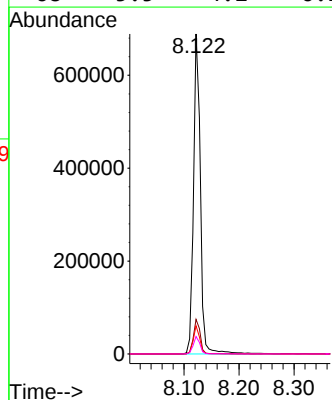
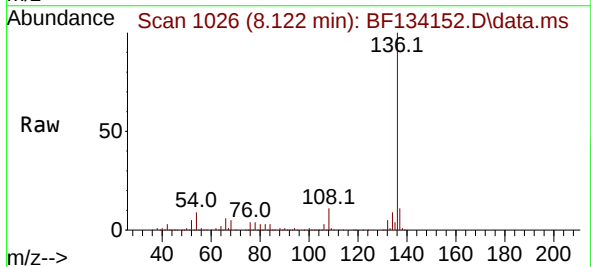
Instrument :
BNA_F
ClientSampleId :
KULLER-COMP

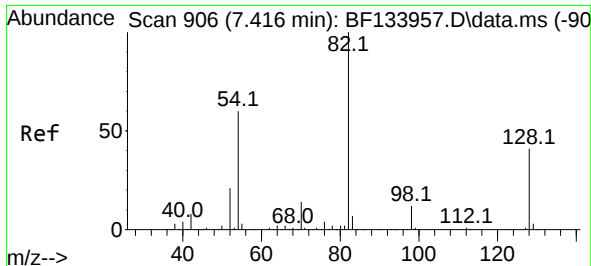
Tgt Ion: 99 Resp: 940167
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.6
71 42.7 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

Tgt Ion: 136 Resp: 595467
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 8.8 6.5 9.7
68 5.5 4.2 6.2

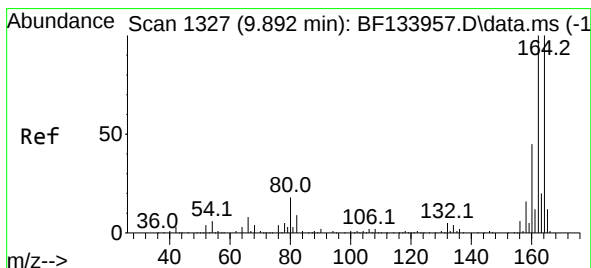
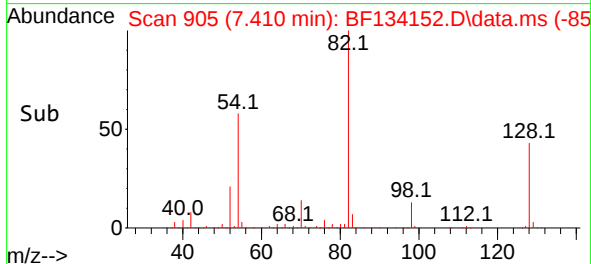
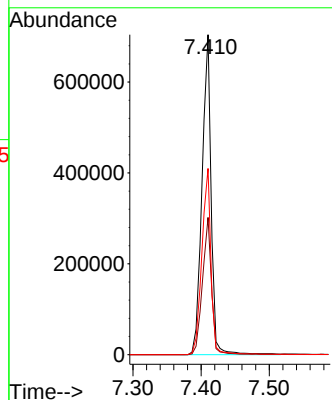
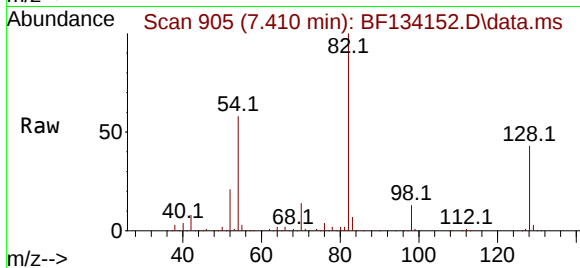




#23
 Nitrobenzene-d5
 Concen: 59.657 ng
 RT: 7.410 min Scan# 906
 Delta R.T. -0.012 min
 Lab File: BF134152.D
 Acq: 08 Jul 2023 17:08

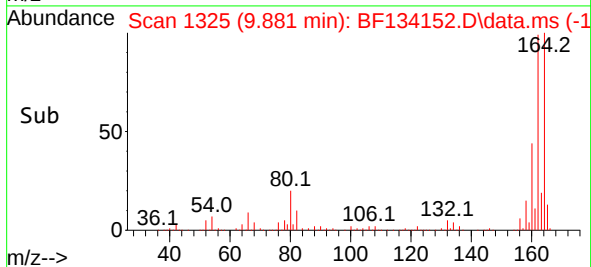
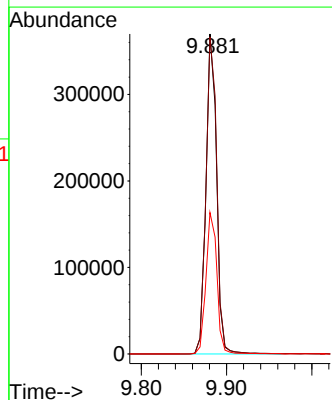
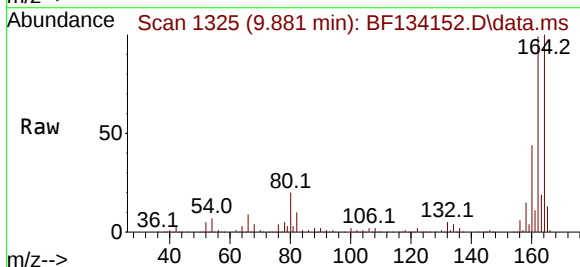
Instrument :
 BNA_F
 ClientSampleId :
 KULLER-COMP

Tgt Ion: 82 Resp: 658999
 Ion Ratio Lower Upper
 82 100
 128 42.9 32.5 48.7
 54 58.2 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.881 min Scan# 1325
 Delta R.T. -0.012 min
 Lab File: BF134152.D
 Acq: 08 Jul 2023 17:08

Tgt Ion: 164 Resp: 318965
 Ion Ratio Lower Upper
 164 100
 162 99.1 80.0 120.0
 160 44.2 35.9 53.9

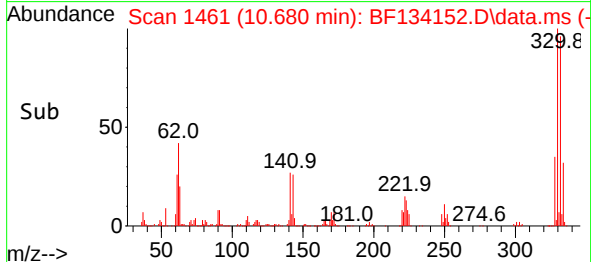
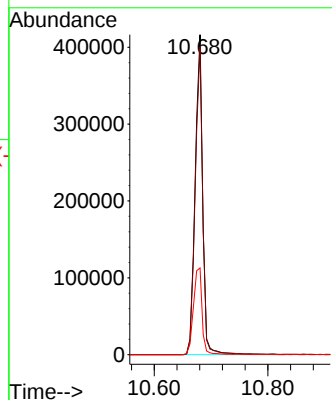
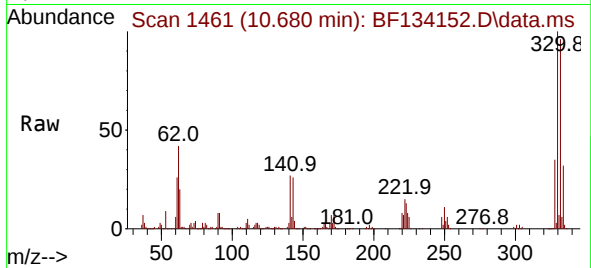




#42
2,4,6-Tribromophenol
Concen: 96.584 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

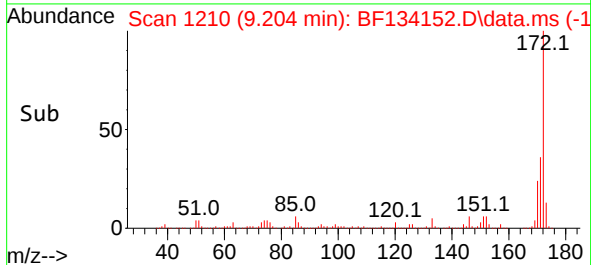
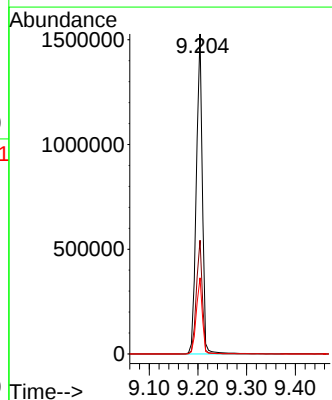
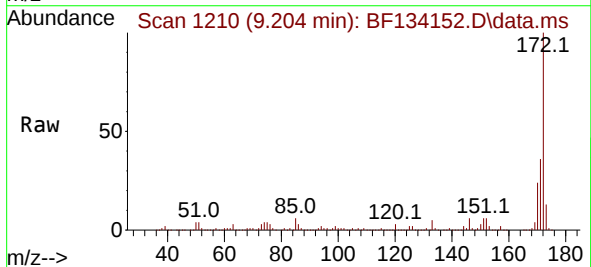
Instrument :
BNA_F
ClientSampleId :
KULLER-COMP

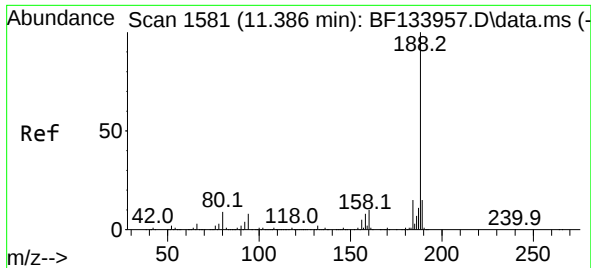
Tgt Ion:330 Resp: 386259
Ion Ratio Lower Upper
330 100
332 96.1 77.0 115.6
141 30.9 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 60.318 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

Tgt Ion:172 Resp: 1323294
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.8 19.4 29.0

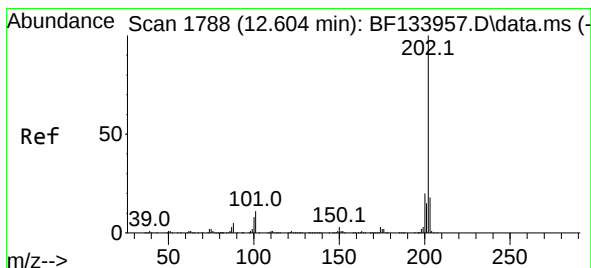
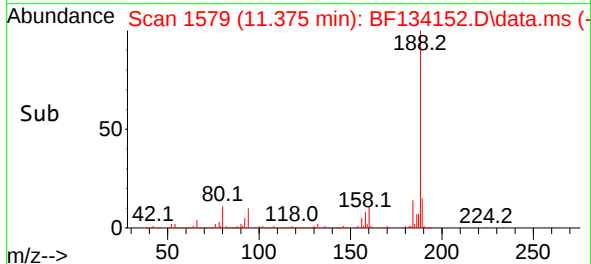
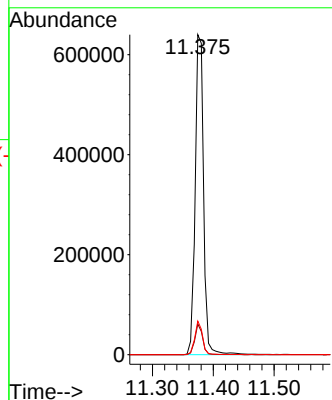
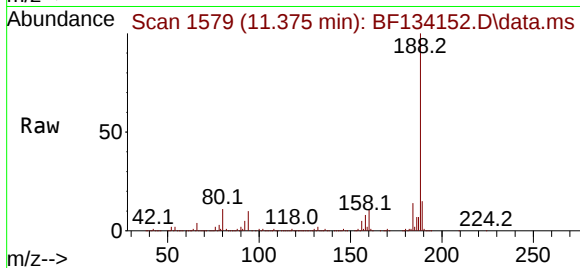




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

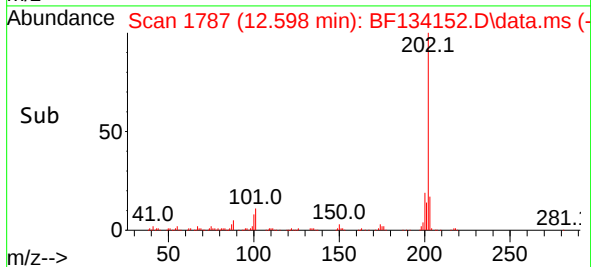
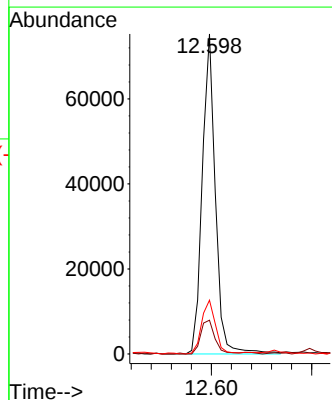
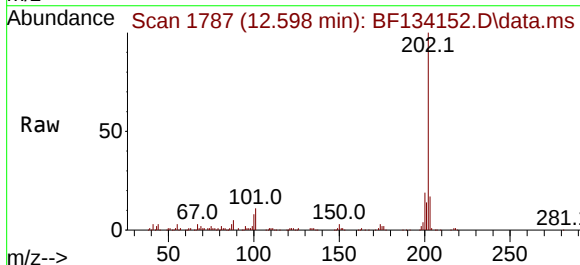
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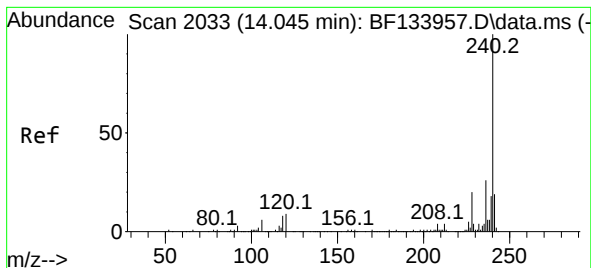
Tgt Ion:188 Resp: 614534
Ion Ratio Lower Upper
188 100
94 9.5 6.4 9.6
80 10.5 7.3 10.9



#75
Fluoranthene
Concen: 2.057 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF134152.D
Acq: 08 Jul 2023 17:08

Tgt Ion:202 Resp: 68789
Ion Ratio Lower Upper
202 100
101 10.5 0.0 31.0
203 16.8 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF134152.D

Acq: 08 Jul 2023 17:08

Instrument :

BNA_F

ClientSampleId :

KULLER-COMP

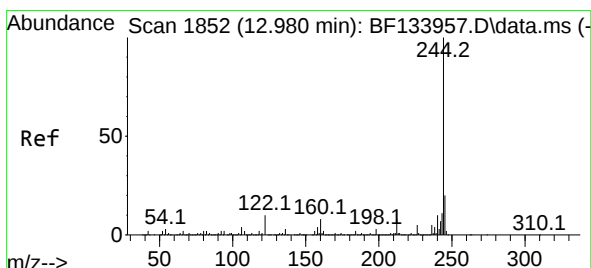
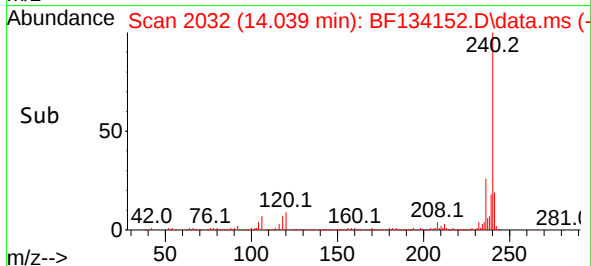
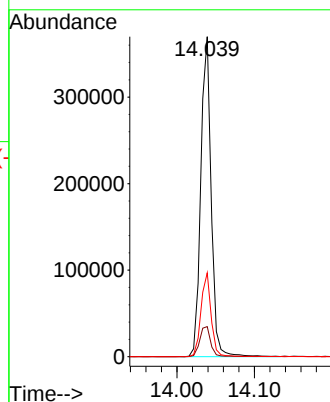
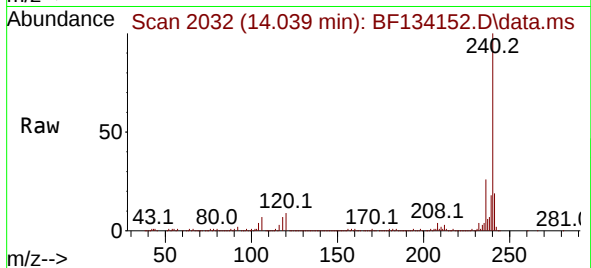
Tgt Ion:240 Resp: 343906

Ion Ratio Lower Upper

240 100

120 9.4 7.4 11.0

236 26.2 21.0 31.6



#79

Terphenyl-d14

Concen: 64.408 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF134152.D

Acq: 08 Jul 2023 17:08

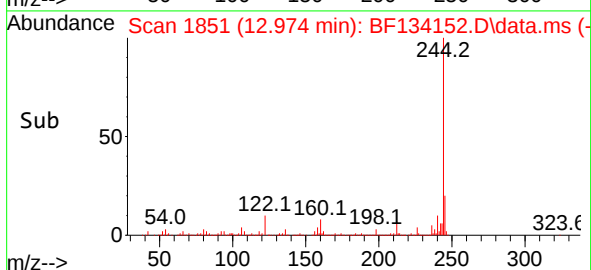
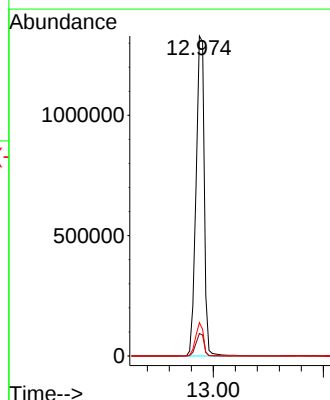
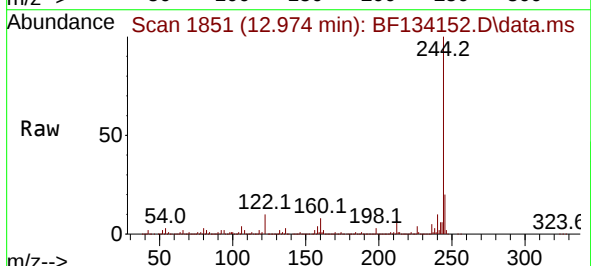
Tgt Ion:244 Resp: 1376295

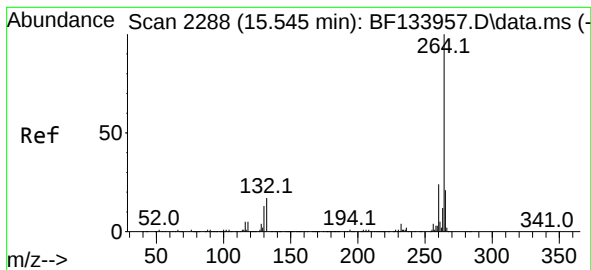
Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 10.4 8.3 12.5





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF134152.D

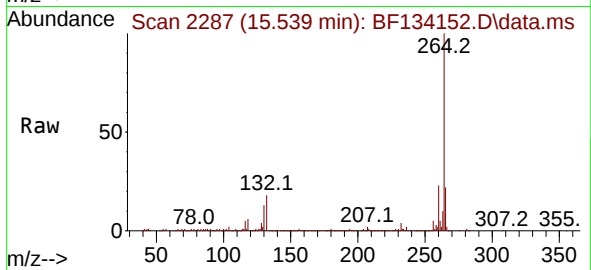
Acq: 08 Jul 2023 17:08

Instrument :

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ClientSampleId :

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Tgt Ion:264 Resp: 311695

Ion Ratio Lower Upper

264 100

260 22.5 19.5 29.3

265 21.6 16.6 25.0

