

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060724\
 Data File : BF138169.D
 Acq On : 07 Jun 2024 19:34
 Operator : CG\JU
 Sample : P2763-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-SLUDGE

Quant Time: Jun 07 22:54:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 06 05:19:29 2024
 Response via : Initial Calibration

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

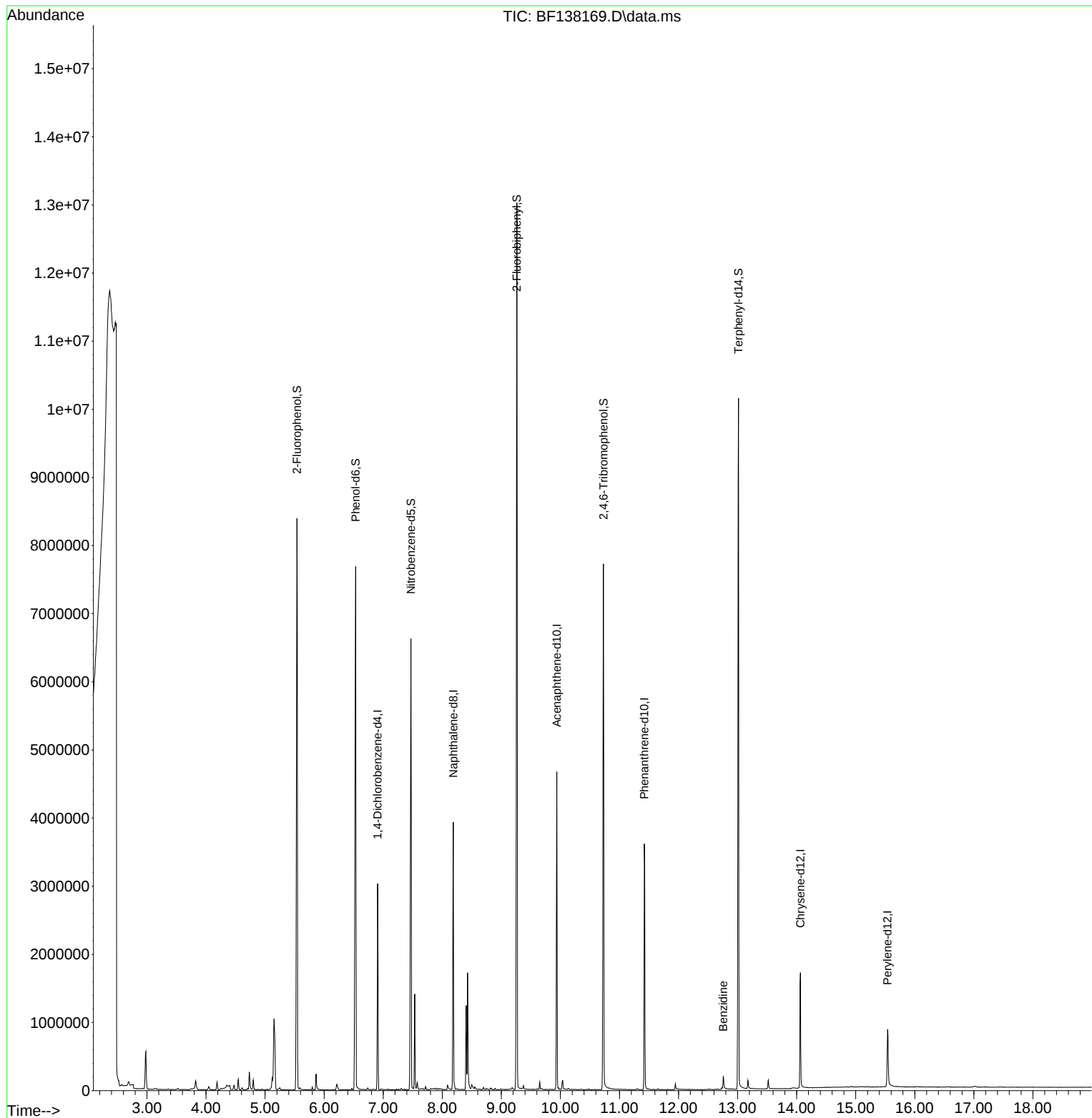
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	409359	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	1567689	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	883052	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	1353428	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	619695	20.000	ng	# 0.00
86) Perylene-d12	15.539	264	476406	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	2812096	117.073	ng	0.01
7) Phenol-d6	6.534	99	3160943	104.010	ng	0.00
23) Nitrobenzene-d5	7.469	82	2289082	99.346	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	1103751	129.880	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	4273451	84.619	ng	0.00
79) Terphenyl-d14	13.016	244	3725612	89.924	ng	0.00
Target Compounds						
77) Benzidine	12.757	184	91416	14.335	ng	Qvalue 98

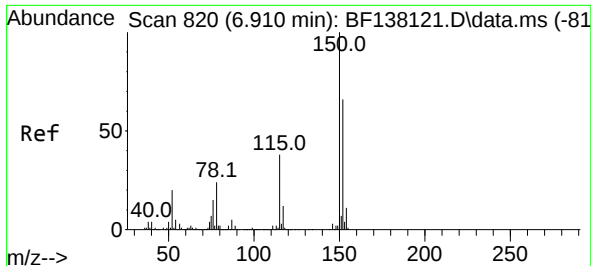
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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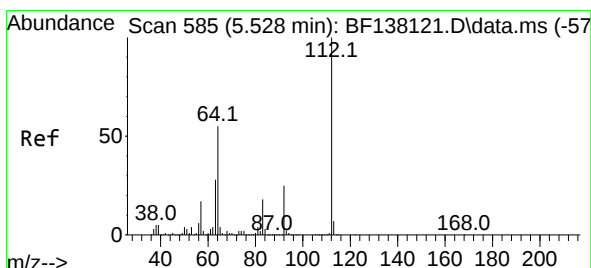
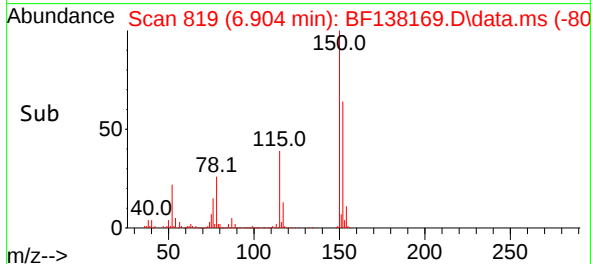
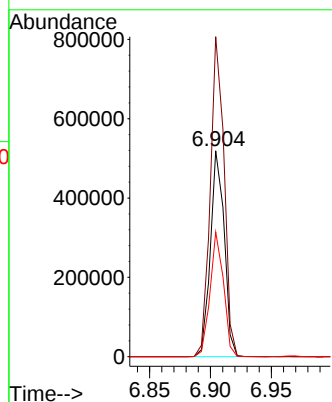
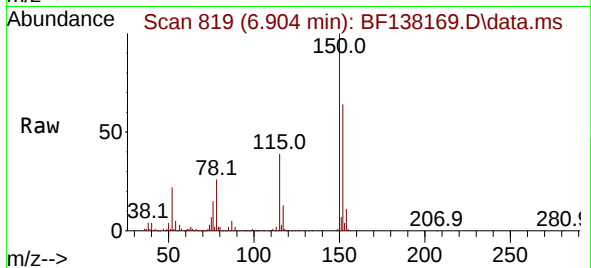




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138169.D
Acq: 07 Jun 2024 19:34

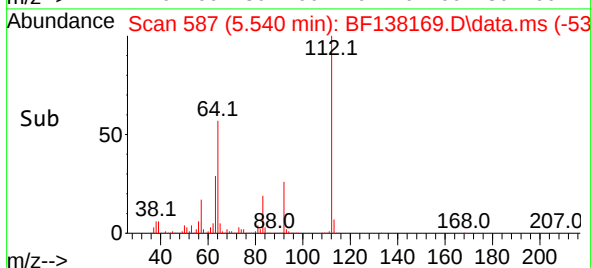
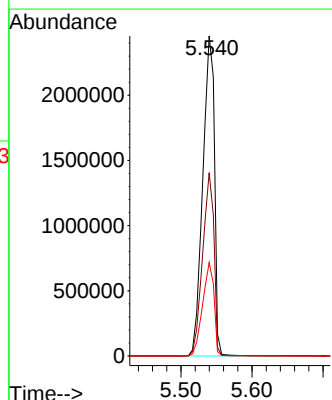
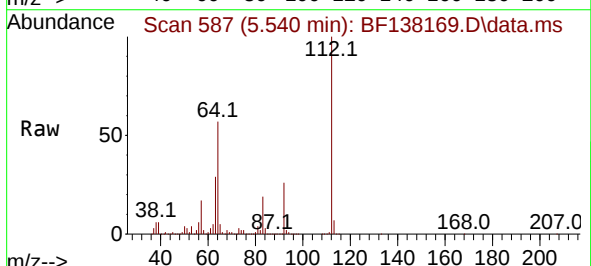
Instrument :
BNA_F
ClientSampleId :
MH-SLUDGE

Tgt Ion:152 Resp: 409359
Ion Ratio Lower Upper
152 100
150 155.3 121.8 182.6
115 60.5 46.2 69.2



#5
2-Fluorophenol
Concen: 117.073 ng
RT: 5.540 min Scan# 587
Delta R.T. 0.012 min
Lab File: BF138169.D
Acq: 07 Jun 2024 19:34

Tgt Ion:112 Resp: 2812096
Ion Ratio Lower Upper
112 100
64 57.3 44.0 66.0
63 29.2 22.1 33.1



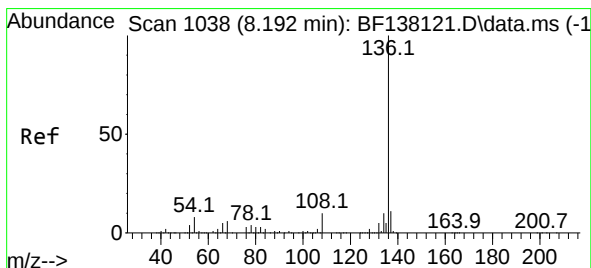
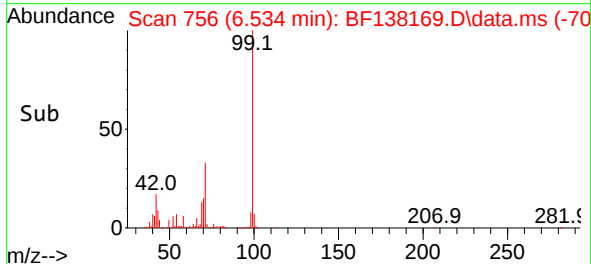
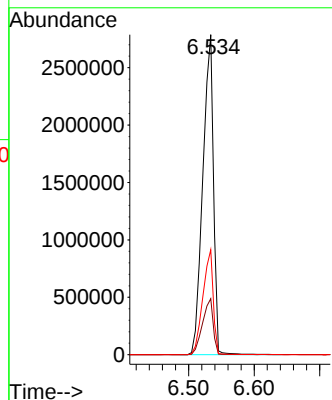
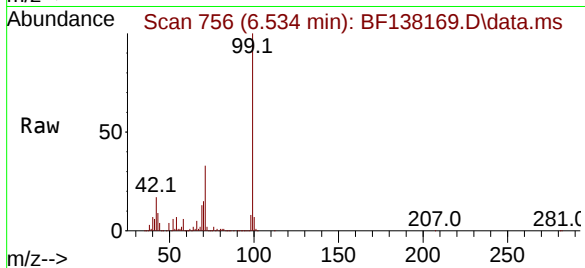


#7
Phenol-d6
Concen: 104.010 ng
RT: 6.534 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138169.D
Acq: 07 Jun 2024 19:34

Instrument :
BNA_F
ClientSampleId :
MH-SLUDGE

Tgt Ion: 99 Resp: 3160943

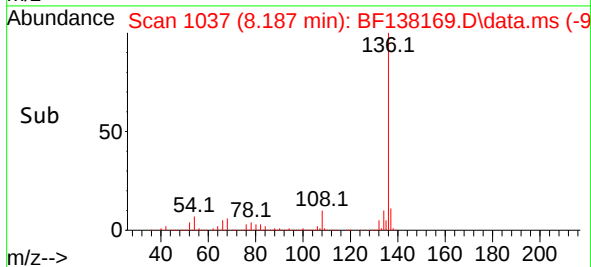
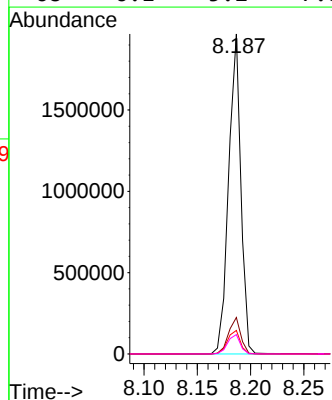
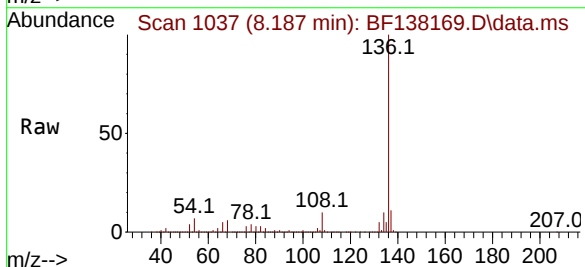
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.4	21.6
71	32.8	25.5	38.3

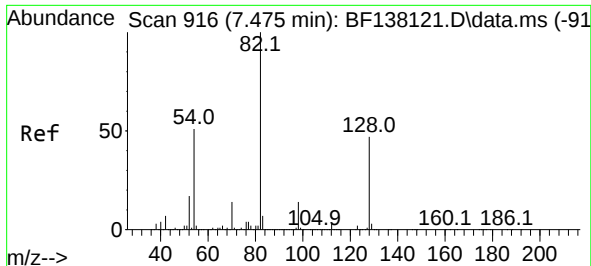


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF138169.D
Acq: 07 Jun 2024 19:34

Tgt Ion: 136 Resp: 1567689

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.3	6.2	9.2
68	6.1	5.2	7.8

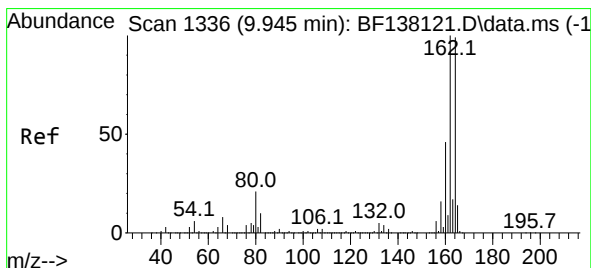
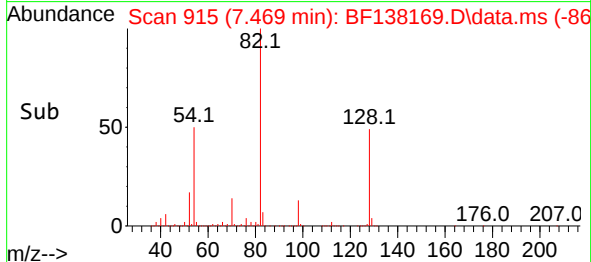
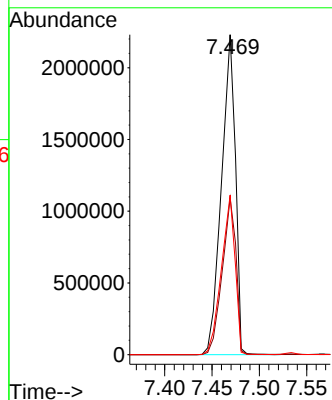
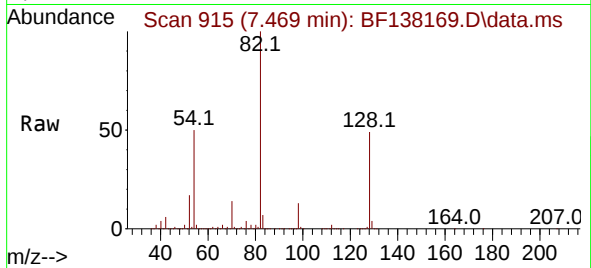




#23
Nitrobenzene-d5
Concen: 99.346 ng
RT: 7.469 min Scan# 916
Delta R.T. -0.006 min
Lab File: BF138169.D
Acq: 07 Jun 2024 19:34

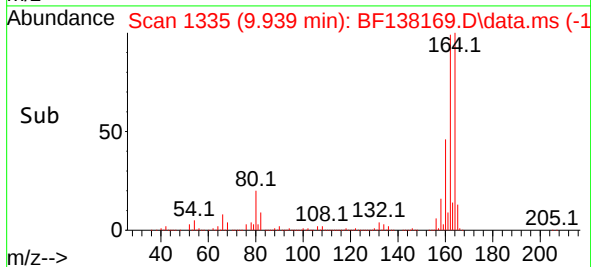
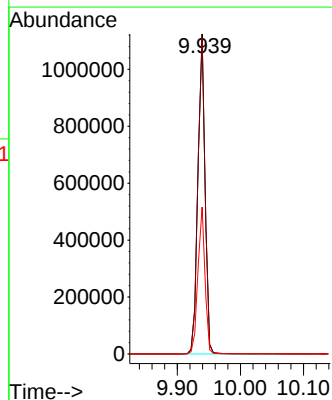
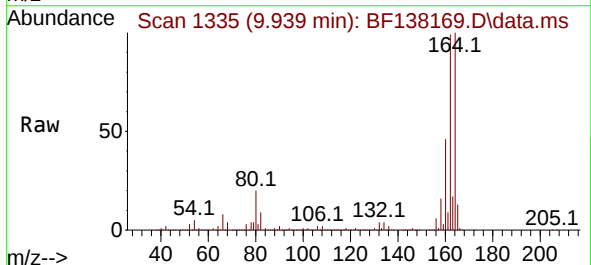
Instrument :
BNA_F
ClientSampleId :
MH-SLUDGE

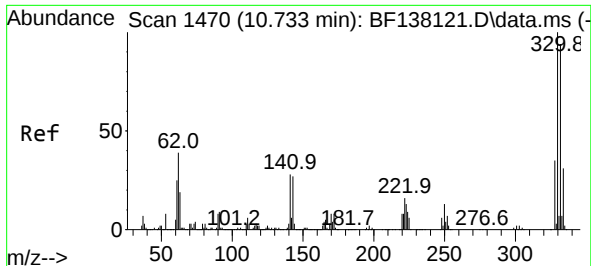
Tgt Ion: 82 Resp: 2289082
Ion Ratio Lower Upper
82 100
128 49.0 37.7 56.5
54 49.9 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF138169.D
Acq: 07 Jun 2024 19:34

Tgt Ion:164 Resp: 883052
Ion Ratio Lower Upper
164 100
162 99.2 80.9 121.3
160 45.9 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 129.880 ng

RT: 10.728 min Scan# 1469

Delta R.T. -0.005 min

Lab File: BF138169.D

Acq: 07 Jun 2024 19:34

Instrument :

BNA_F

ClientSampleId :

MH-SLUDGE

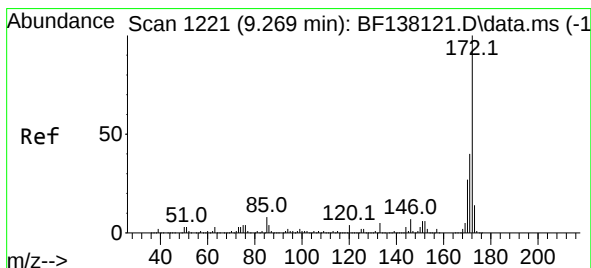
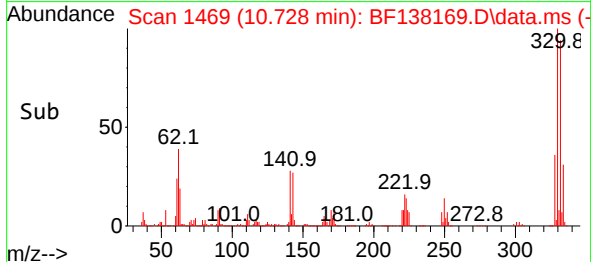
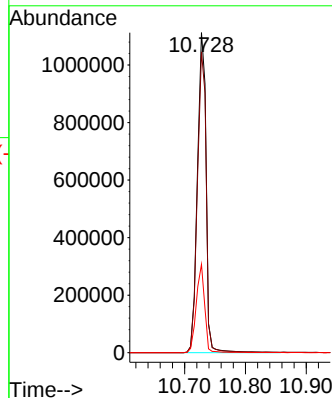
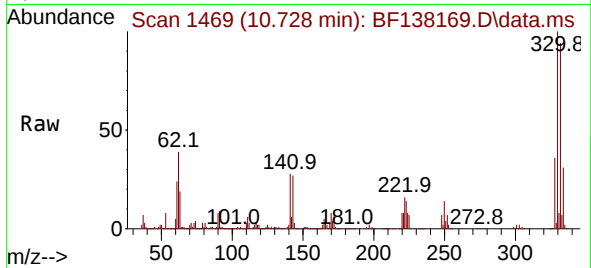
Tgt Ion:330 Resp: 1103751

Ion Ratio Lower Upper

330 100

332 95.5 75.8 113.8

141 26.8 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 84.619 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF138169.D

Acq: 07 Jun 2024 19:34

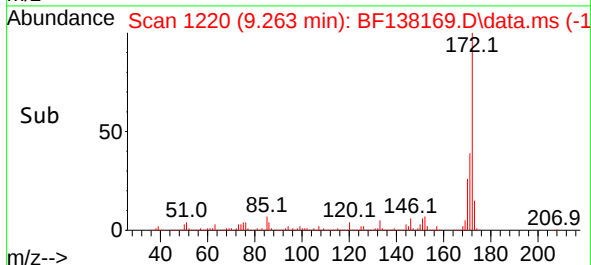
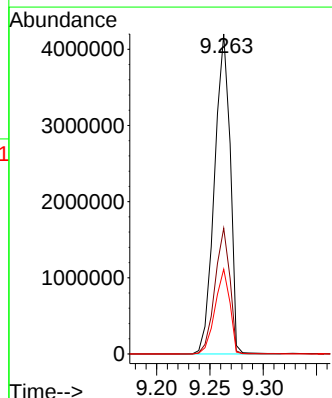
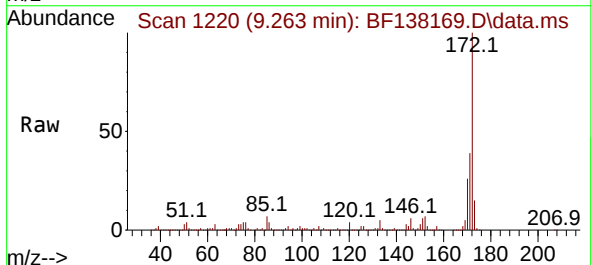
Tgt Ion:172 Resp: 4273451

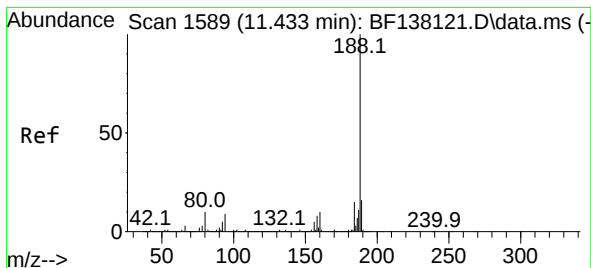
Ion Ratio Lower Upper

172 100

171 39.3 31.6 47.4

170 26.5 21.4 32.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF138169.D

Acq: 07 Jun 2024 19:34

Instrument :

BNA_F

ClientSampleId :

MH-SLUDGE

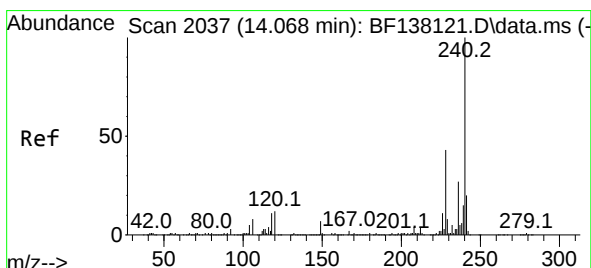
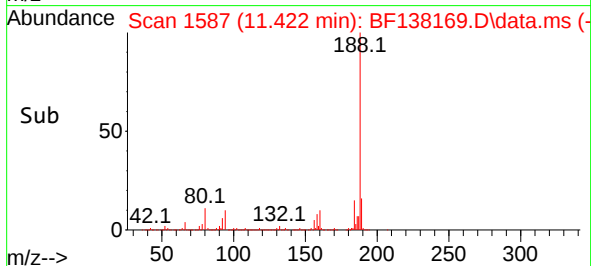
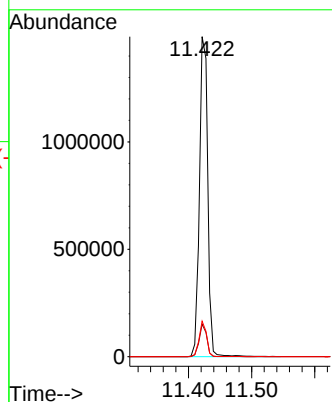
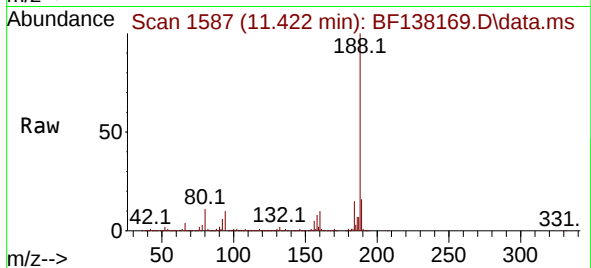
Tgt Ion:188 Resp: 1353428

Ion Ratio Lower Upper

188 100

94 10.2 7.4 11.2

80 11.1 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.005 min

Lab File: BF138169.D

Acq: 07 Jun 2024 19:34

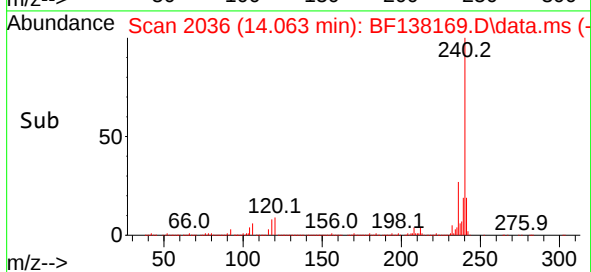
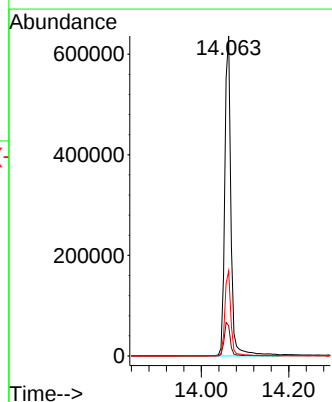
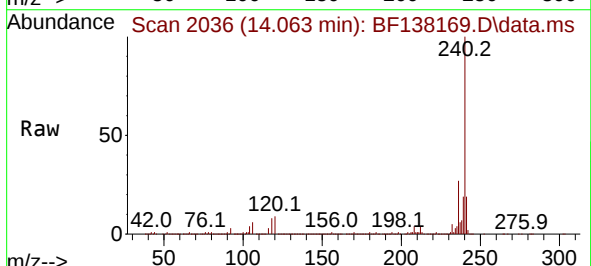
Tgt Ion:240 Resp: 619695

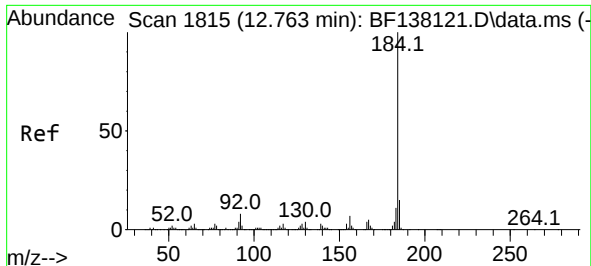
Ion Ratio Lower Upper

240 100

120 9.4 9.8 14.8#

236 26.5 21.2 31.8

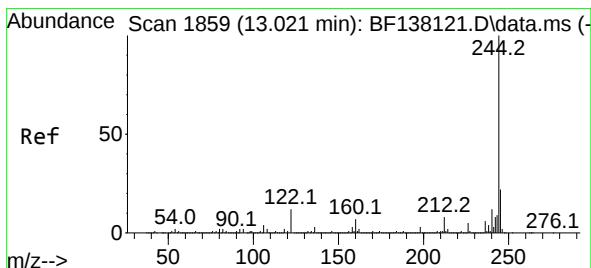
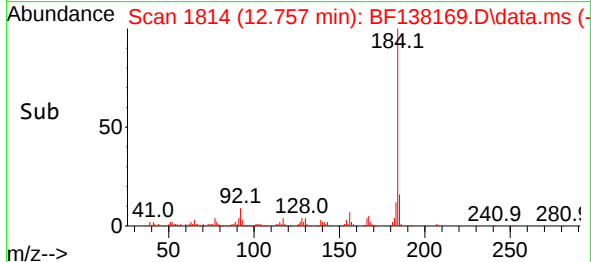
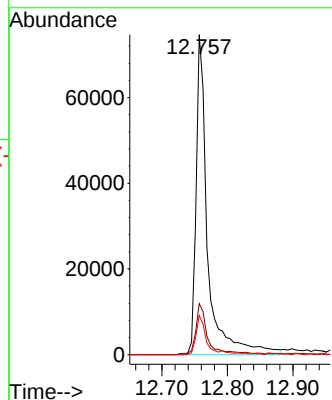
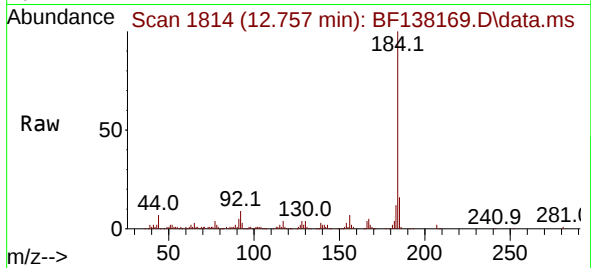




#77
Benzidine
Concen: 14.335 ng
RT: 12.757 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF138169.D
Acq: 07 Jun 2024 19:34

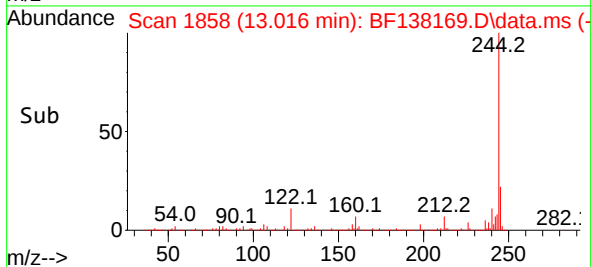
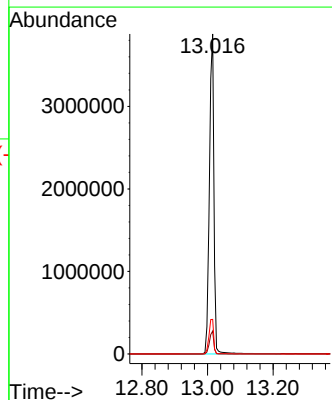
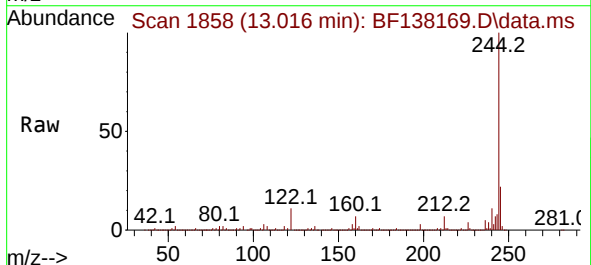
Instrument :
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MH-SLUDGE

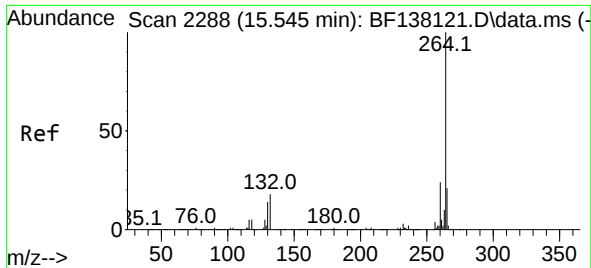
Tgt Ion:184 Resp: 91416
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.2
183 12.3 9.0 13.4



#79
Terphenyl-d14
Concen: 89.924 ng
RT: 13.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BF138169.D
Acq: 07 Jun 2024 19:34

Tgt Ion:244 Resp: 3725612
Ion Ratio Lower Upper
244 100
212 7.2 6.4 9.6
122 10.8 9.4 14.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF138169.D
 Acq: 07 Jun 2024 19:34

Instrument :
 BNA_F
 ClientSampleId :
 MH-SLUDGE

Tgt Ion:264 Resp: 476406
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 22.4 17.1 25.7

