

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061924\
 Data File : BF138241.D
 Acq On : 19 Jun 2024 11:31
 Operator : CG\JU
 Sample : PB161543BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161543BL

Quant Time: Jun 19 12:30:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 01:52:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	372343	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1510599	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	855295	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1563366	20.000	ng	0.00
76) Chrysene-d12	14.045	240	968958	20.000	ng	0.00
86) Perylene-d12	15.521	264	840237	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2494089	112.052	ng	0.02
7) Phenol-d6	6.522	99	3085870	109.333	ng	0.00
23) Nitrobenzene-d5	7.457	82	1967364	75.819	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	989957	116.265	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	3700989	68.808	ng	0.00
79) Terphenyl-d14	13.004	244	4330136	70.779	ng	0.00

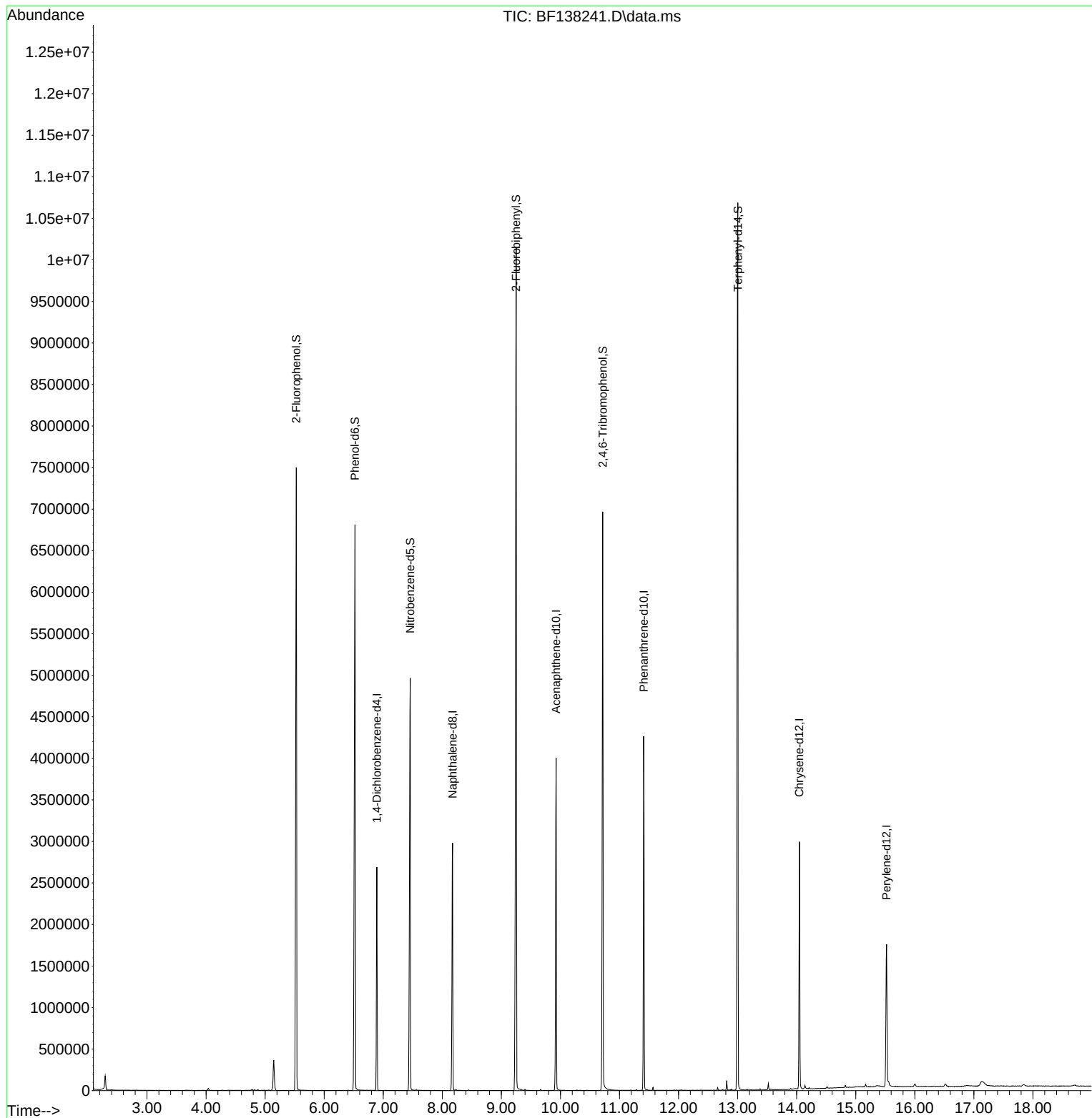
Target Compounds	Qvalue

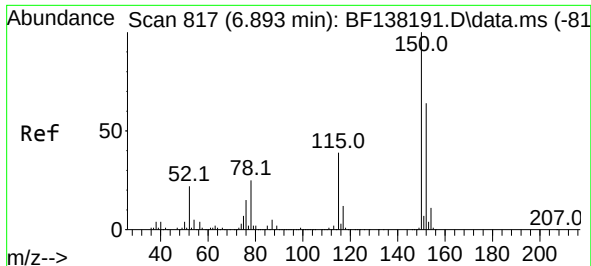
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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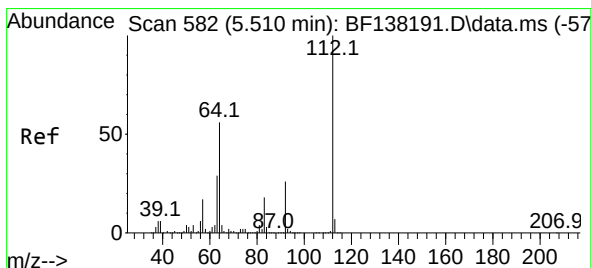
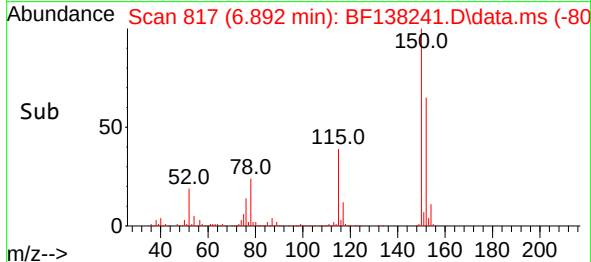
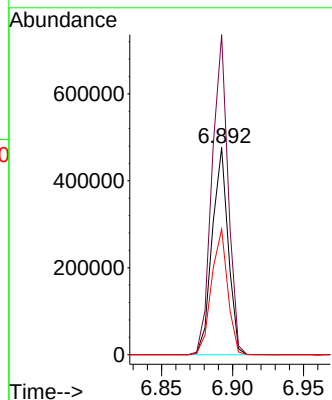
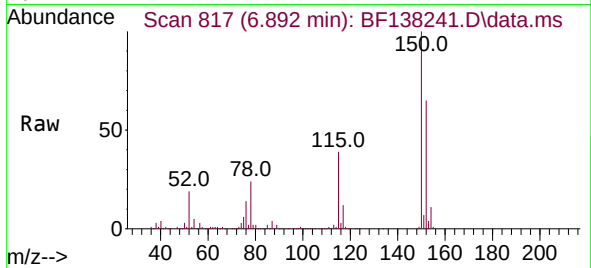




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF138241.D
Acq: 19 Jun 2024 11:31

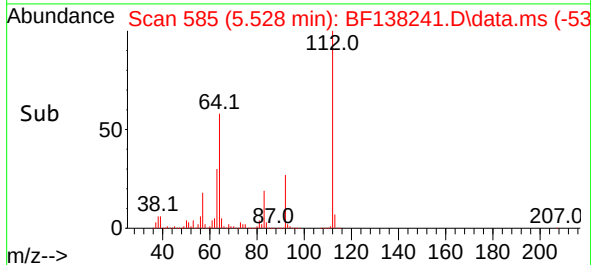
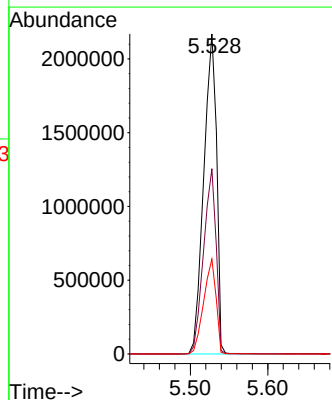
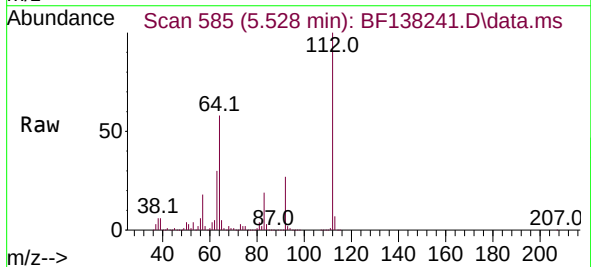
Instrument :
BNA_F
ClientSampleId :
PB161543BL

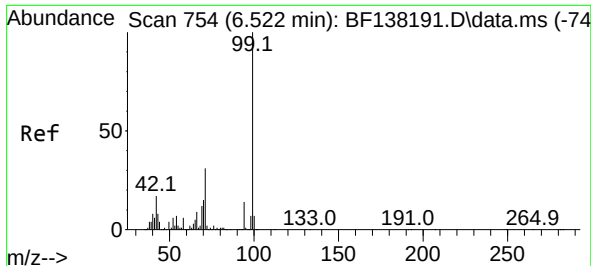
Tgt Ion:152 Resp: 372343
Ion Ratio Lower Upper
152 100
150 154.4 125.0 187.4
115 60.6 48.4 72.6



#5
2-Fluorophenol
Concen: 112.052 ng
RT: 5.528 min Scan# 585
Delta R.T. 0.017 min
Lab File: BF138241.D
Acq: 19 Jun 2024 11:31

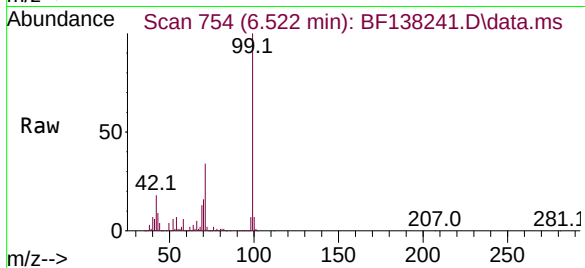
Tgt Ion:112 Resp: 2494089
Ion Ratio Lower Upper
112 100
64 57.9 45.2 67.8
63 29.6 22.9 34.3





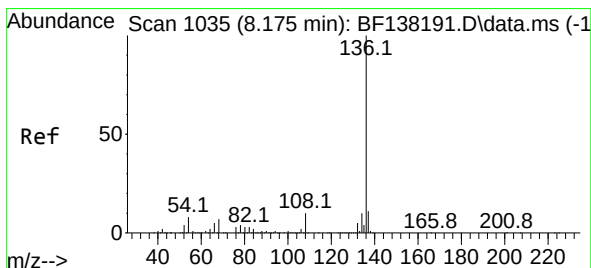
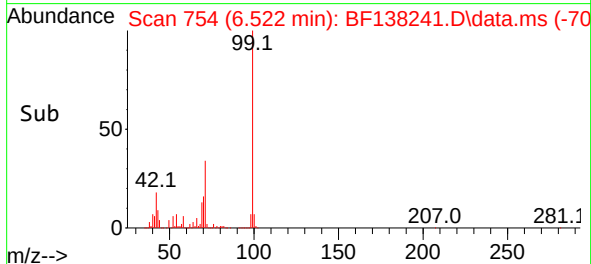
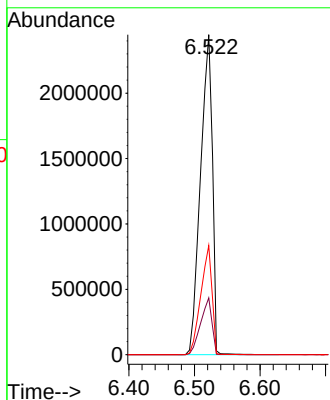
#7
Phenol-d6
Concen: 109.333 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF138241.D
Acq: 19 Jun 2024 11:31

Instrument :
BNA_F
ClientSampleId :
PB161543BL



Tgt Ion: 99 Resp: 3085870

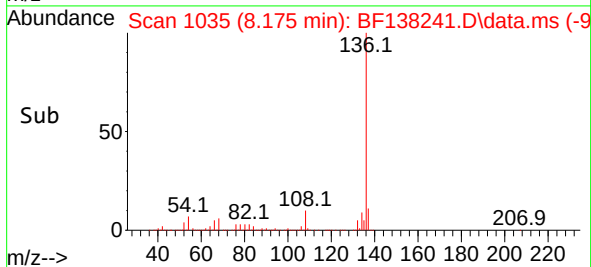
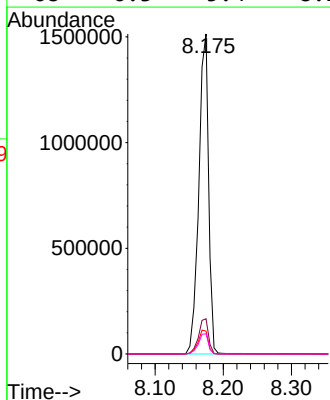
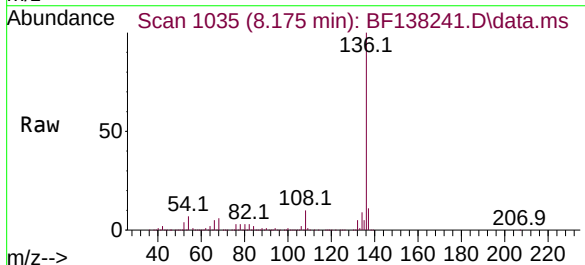
Ion	Ratio	Lower	Upper
99	100		
42	17.7	13.7	20.5
71	34.1	25.0	37.6

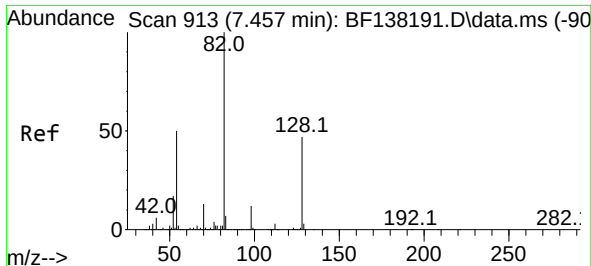


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF138241.D
Acq: 19 Jun 2024 11:31

Tgt Ion: 136 Resp: 1510599

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.1	6.6	10.0
68	6.3	5.4	8.2





#23

Nitrobenzene-d5

Concen: 75.819 ng

RT: 7.457 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF138241.D

Acq: 19 Jun 2024 11:31

Instrument :

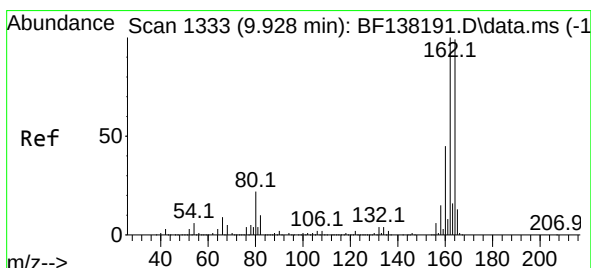
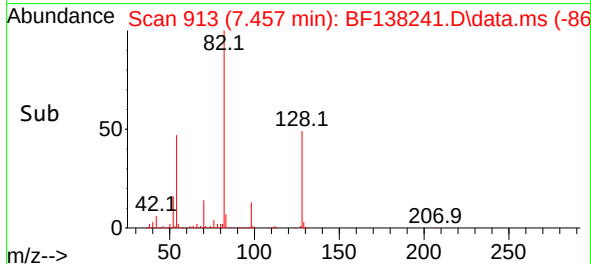
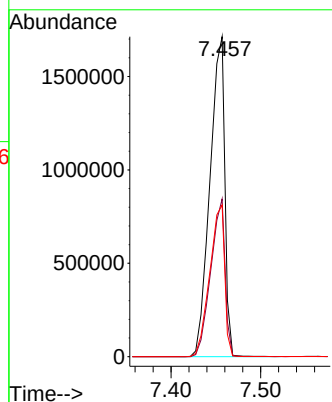
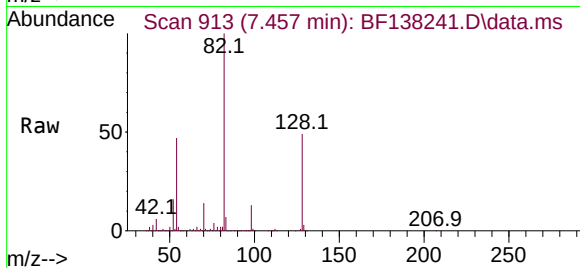
BNA_F

ClientSampleId :

PB161543BL

Tgt Ion: 82 Resp: 1967364

Ion	Ratio	Lower	Upper
82	100		
128	49.3	37.2	55.8
54	47.4	39.8	59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1333

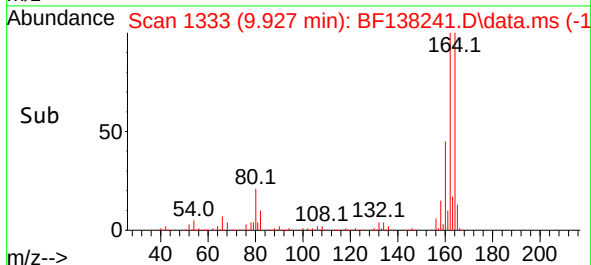
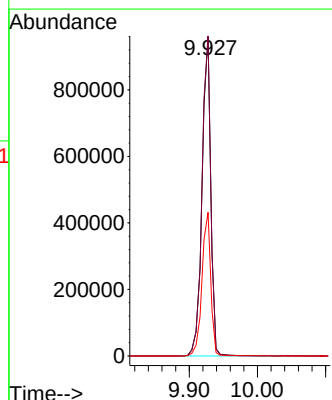
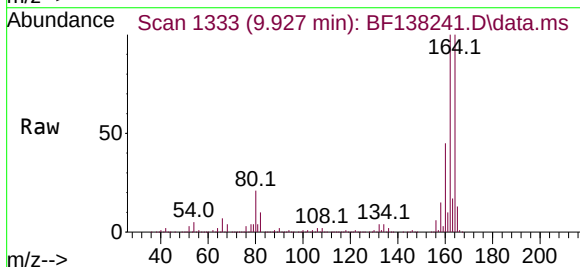
Delta R.T. -0.000 min

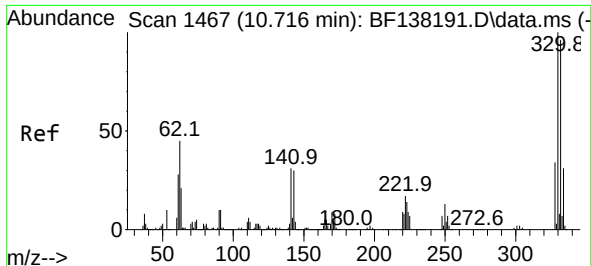
Lab File: BF138241.D

Acq: 19 Jun 2024 11:31

Tgt Ion: 164 Resp: 855295

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	121.0
160	44.9	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 116.265 ng

RT: 10.716 min Scan# 1467

Delta R.T. -0.000 min

Lab File: BF138241.D

Acq: 19 Jun 2024 11:31

Instrument :

BNA_F

ClientSampleId :

PB161543BL

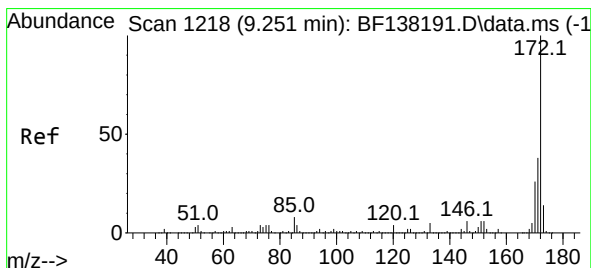
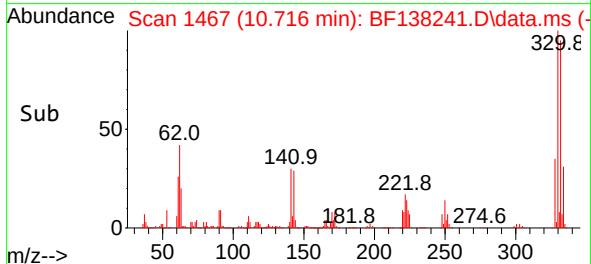
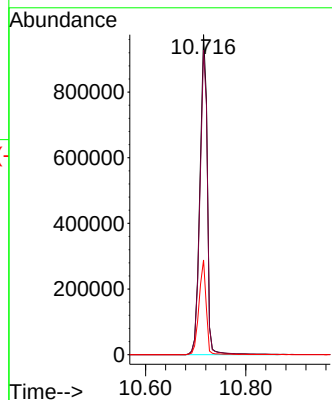
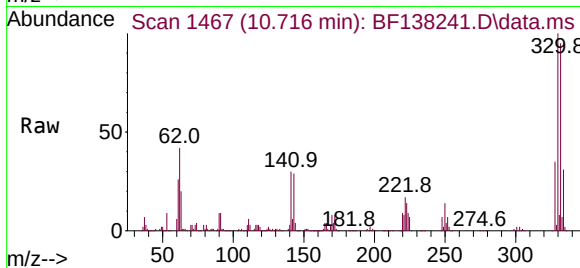
Tgt Ion:330 Resp: 989957

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

141 29.0 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 68.808 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF138241.D

Acq: 19 Jun 2024 11:31

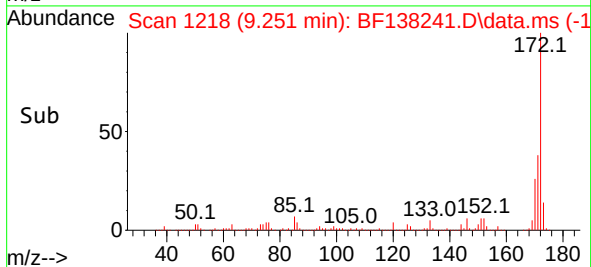
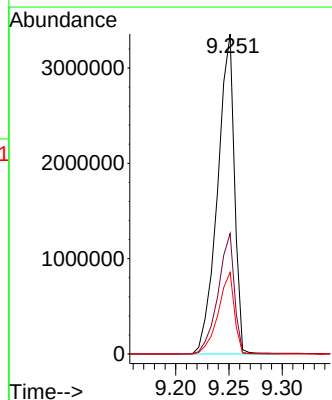
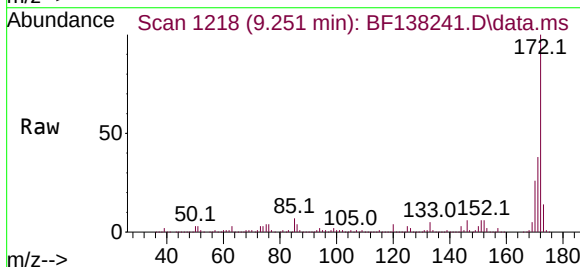
Tgt Ion:172 Resp: 3700989

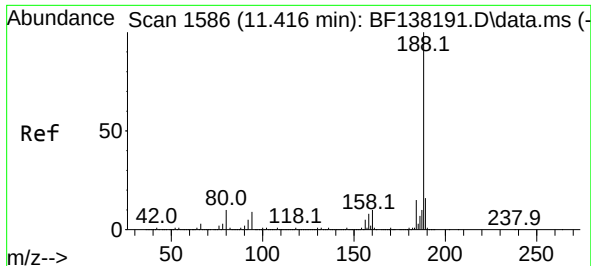
Ion Ratio Lower Upper

172 100

171 37.6 30.3 45.5

170 25.5 20.6 30.8

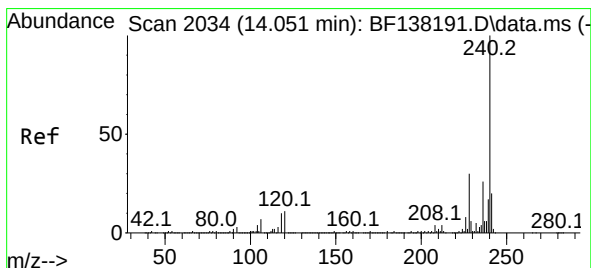
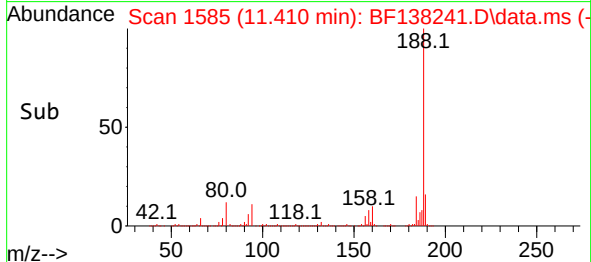
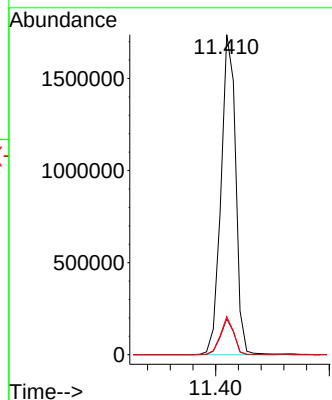
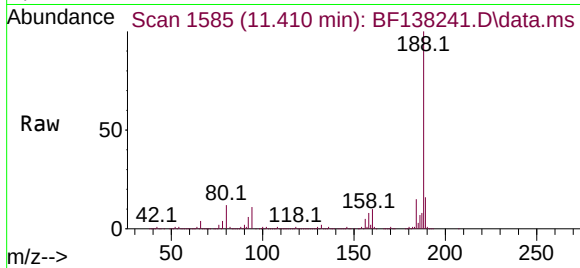




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138241.D
Acq: 19 Jun 2024 11:31

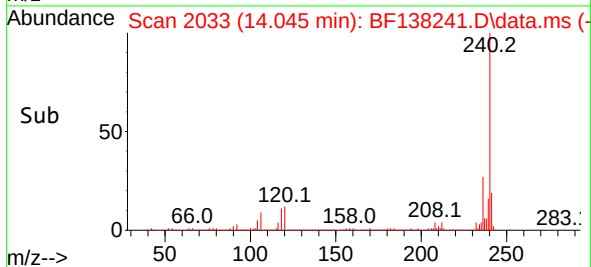
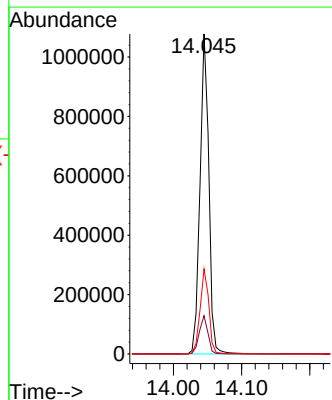
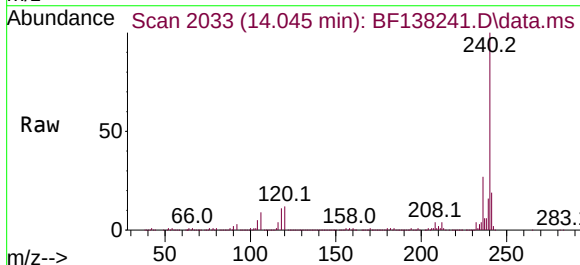
Instrument :
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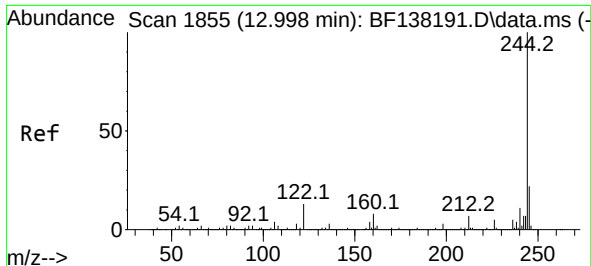
Tgt Ion:188 Resp: 1563366
Ion Ratio Lower Upper
188 100
94 11.2 7.6 11.4
80 11.9 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF138241.D
Acq: 19 Jun 2024 11:31

Tgt Ion:240 Resp: 968958
Ion Ratio Lower Upper
240 100
120 12.0 9.2 13.8
236 26.6 21.0 31.6

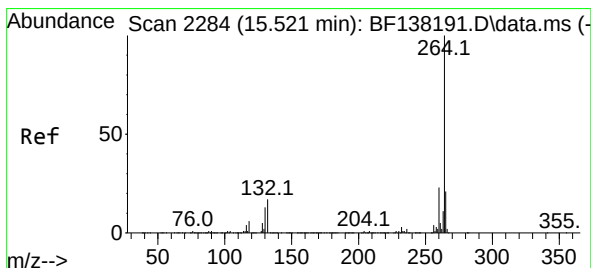
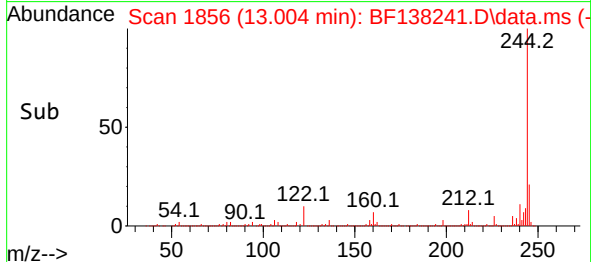
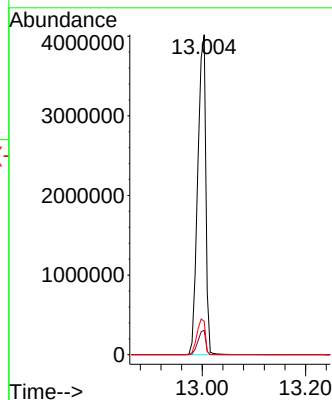
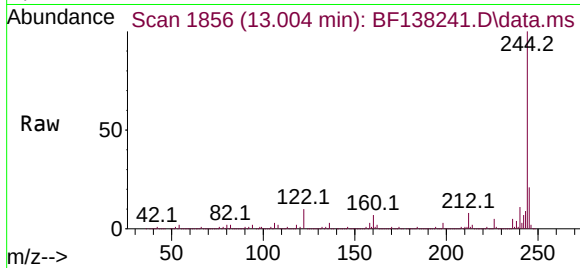




#79
 Terphenyl-d14
 Concen: 70.779 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.006 min
 Lab File: BF138241.D
 Acq: 19 Jun 2024 11:31

Instrument :
 BNA_F
 ClientSampleId :
 PB161543BL

Tgt Ion:244 Resp: 4330136
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 10.5 10.6 15.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: BF138241.D
 Acq: 19 Jun 2024 11:31

Tgt Ion:264 Resp: 840237
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 21.8 17.0 25.6

