

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061824\
 Data File : BF138238.D
 Acq On : 18 Jun 2024 21:58
 Operator : CG\JU
 Sample : P2926-01 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-GRAVEL

Quant Time: Jun 19 01:25:41 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)

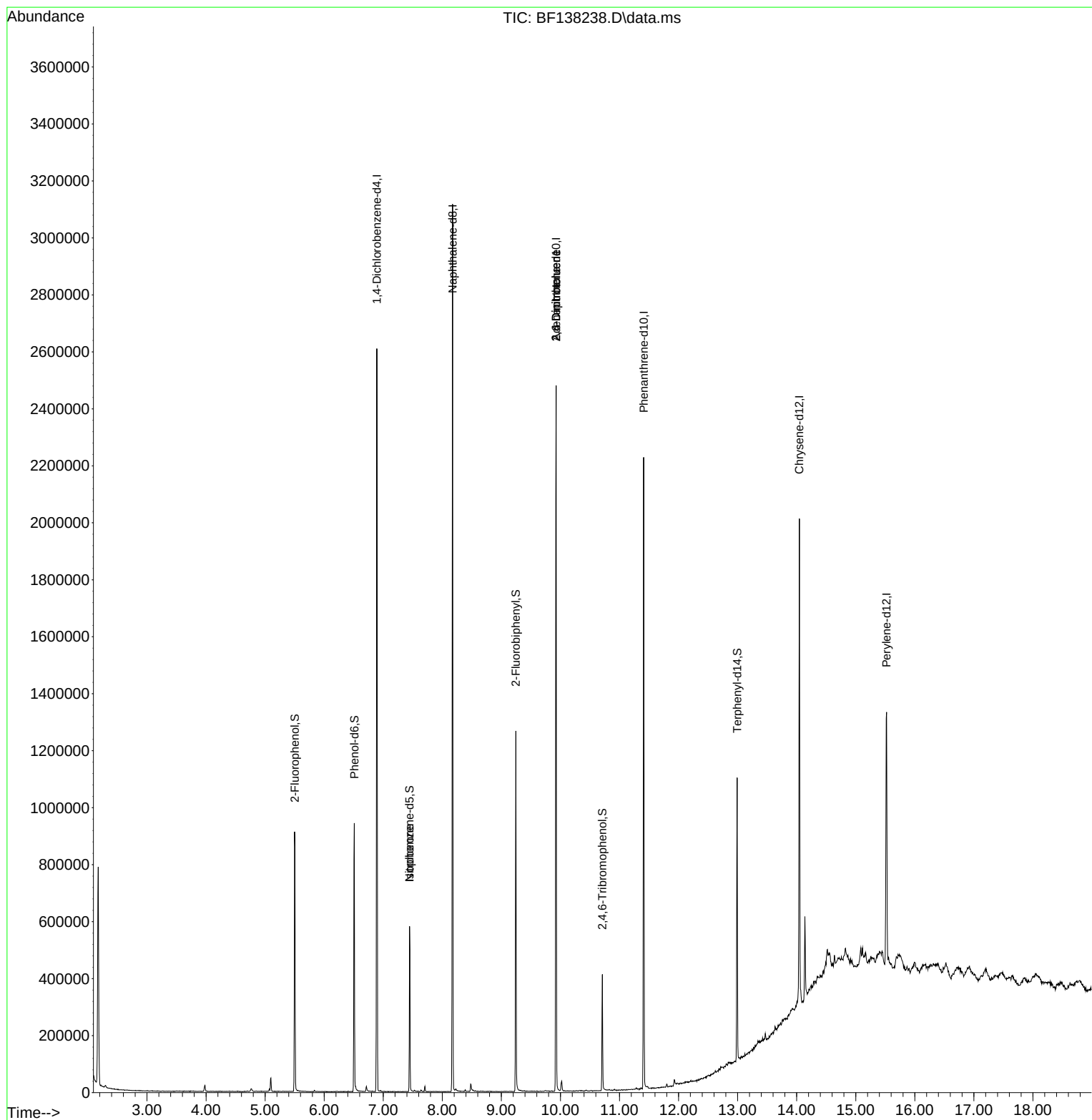
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	338525	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	1175003	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	497697	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	723092	20.000	ng	0.00
76) Chrysene-d12	14.045	240	533028	20.000	ng	0.00
86) Perylene-d12	15.521	264	450017	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	257522	12.725	ng	0.00
7) Phenol-d6	6.510	99	300739	11.720	ng	-0.01
23) Nitrobenzene-d5	7.445	82	165542	8.202	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	46888	9.463	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	348953	11.149	ng	0.00
79) Terphenyl-d14	12.992	244	323673	9.618	ng	0.00
Target Compounds						Qvalue
25) Isophorone	7.445	82	163821	4.487	ng	# 62
51) 2,6-Dinitrotoluene	9.927	165	64859	9.804	ng	# 25
57) 2,4-Dinitrotoluene	9.927	165	64860	7.949	ng	# 31

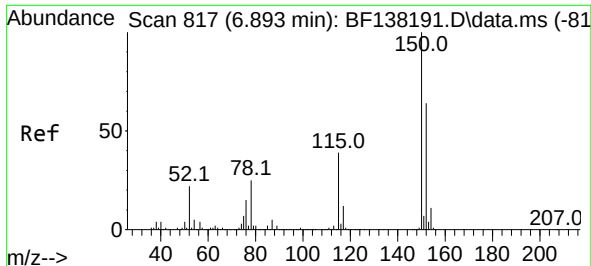
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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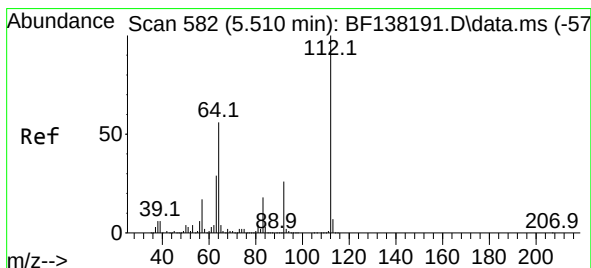
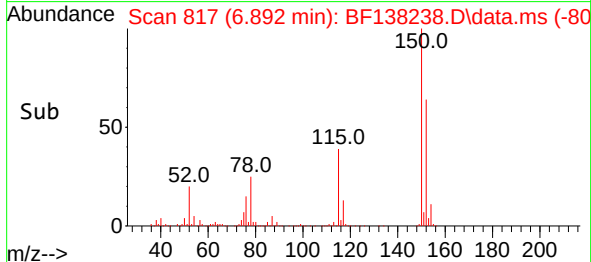
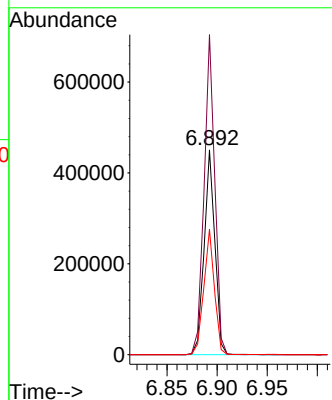
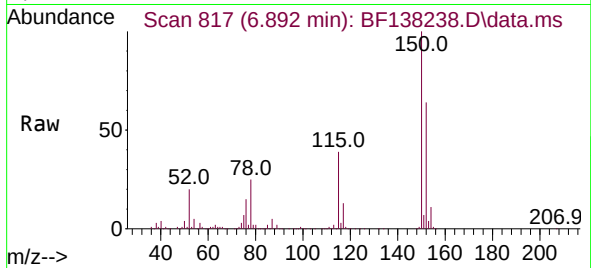




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.001 min
Lab File: BF138238.D
Acq: 18 Jun 2024 21:58

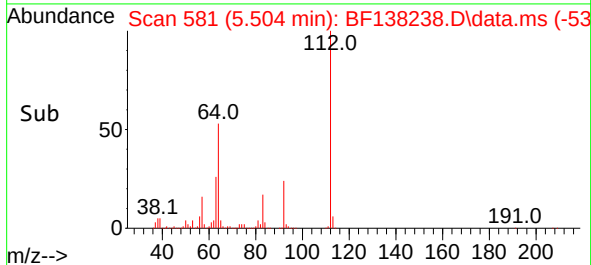
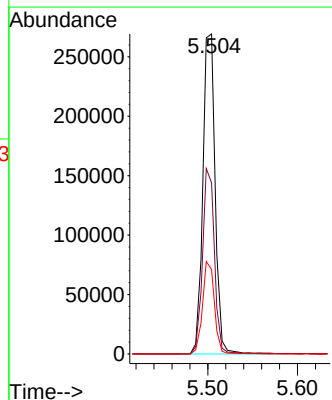
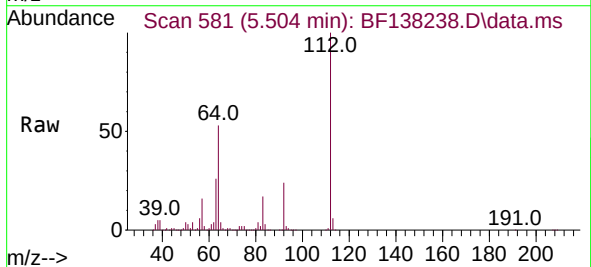
Instrument :
BNA_F
ClientSampleId :
OILY-GRAVEL

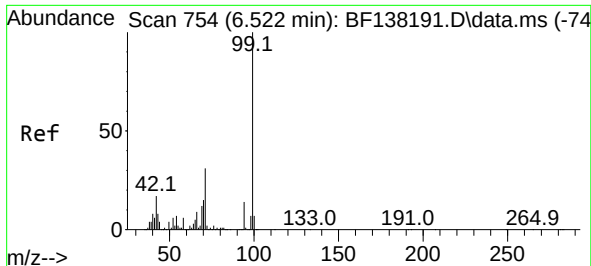
Tgt Ion:152 Resp: 338525
Ion Ratio Lower Upper
152 100
150 156.2 125.0 187.4
115 61.2 48.4 72.6



#5
2-Fluorophenol
Concen: 12.725 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF138238.D
Acq: 18 Jun 2024 21:58

Tgt Ion:112 Resp: 257522
Ion Ratio Lower Upper
112 100
64 53.5 45.2 67.8
63 26.4 22.9 34.3

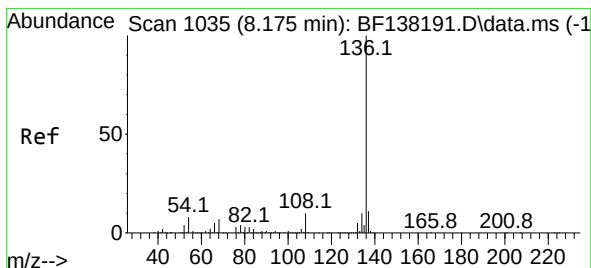
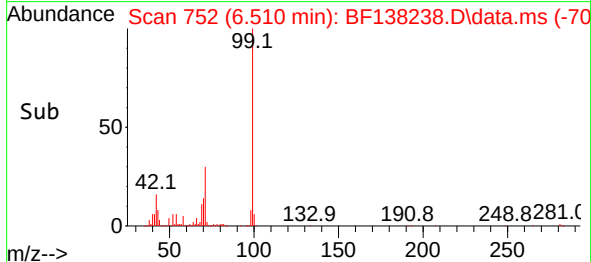
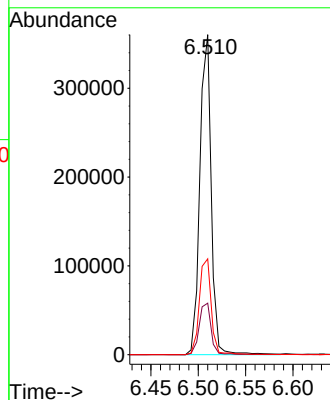
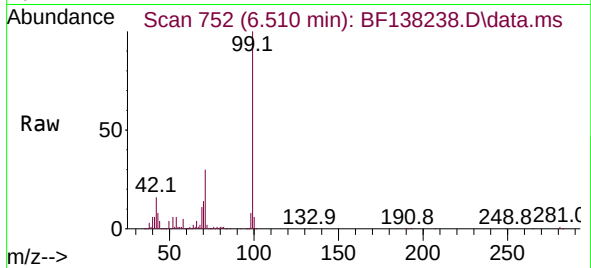




#7
Phenol-d6
Concen: 11.720 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF138238.D
Acq: 18 Jun 2024 21:58

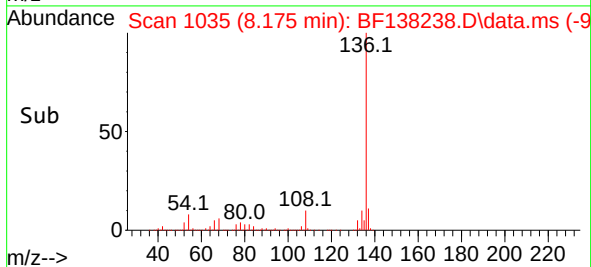
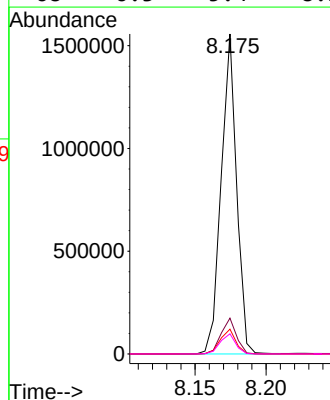
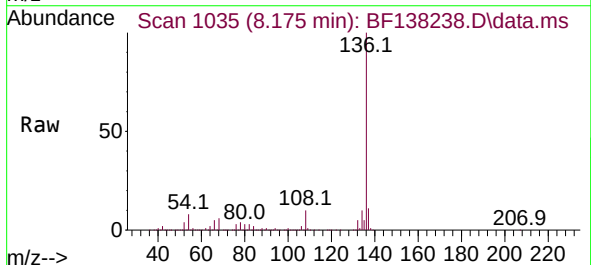
Instrument :
BNA_F
ClientSampleId :
OILY-GRAVEL

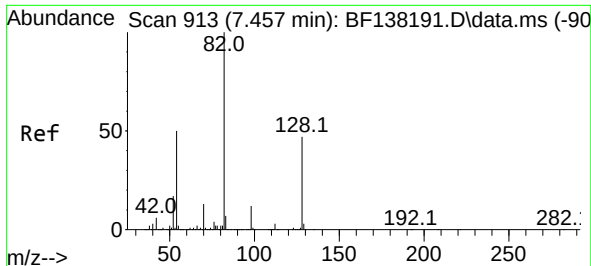
Tgt Ion: 99 Resp: 300739
Ion Ratio Lower Upper
99 100
42 16.1 13.7 20.5
71 30.0 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF138238.D
Acq: 18 Jun 2024 21:58

Tgt Ion: 136 Resp: 1175003
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.8 6.6 10.0
68 6.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 8.202 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.012 min

Lab File: BF138238.D

Acq: 18 Jun 2024 21:58

Instrument :

BNA_F

ClientSampleId :

OILY-GRAVEL

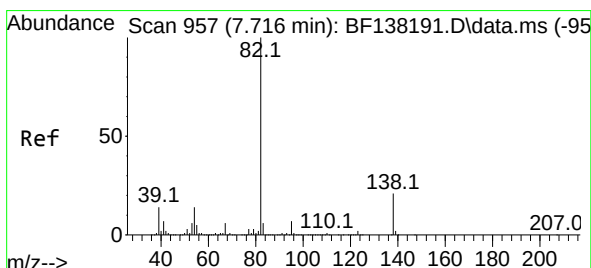
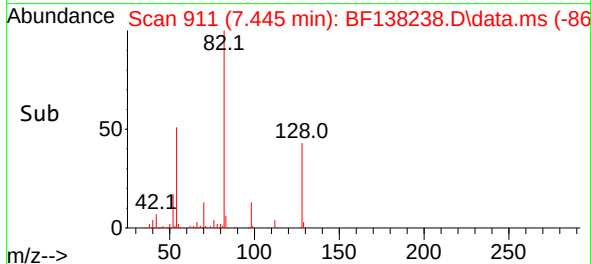
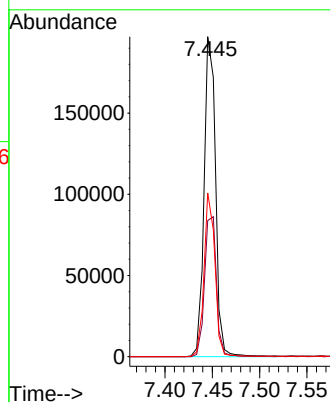
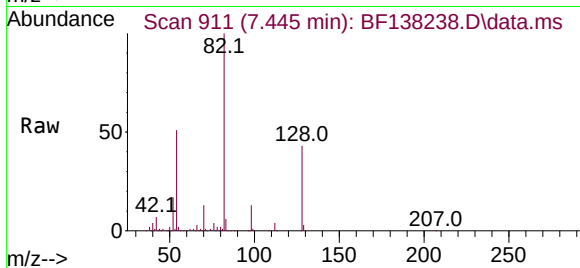
Tgt Ion: 82 Resp: 165542

Ion Ratio Lower Upper

82 100

128 42.6 37.2 55.8

54 51.1 39.8 59.6



#25

Isophorone

Concen: 4.487 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.271 min

Lab File: BF138238.D

Acq: 18 Jun 2024 21:58

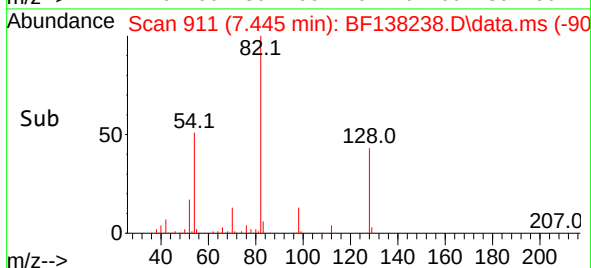
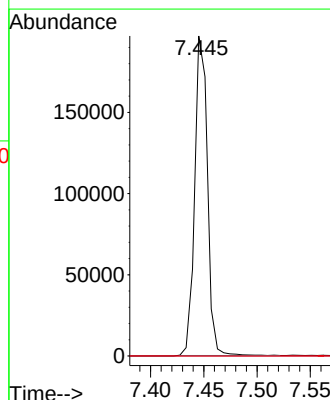
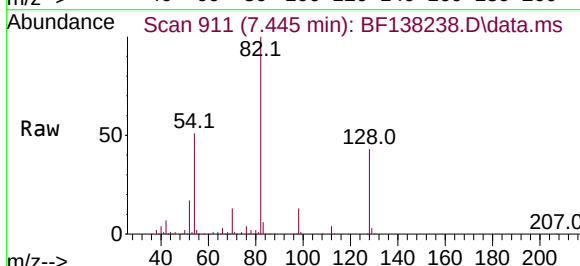
Tgt Ion: 82 Resp: 163821

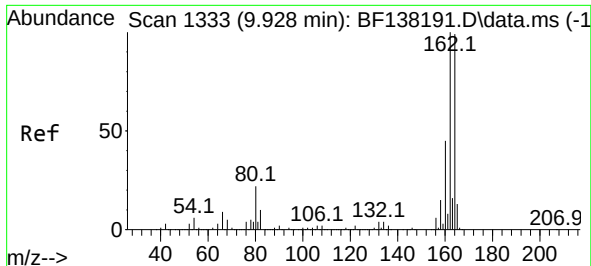
Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

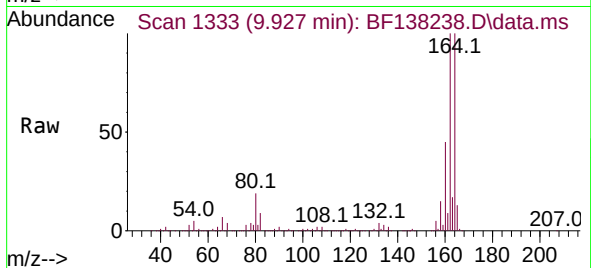
138 0.0 16.4 24.6#



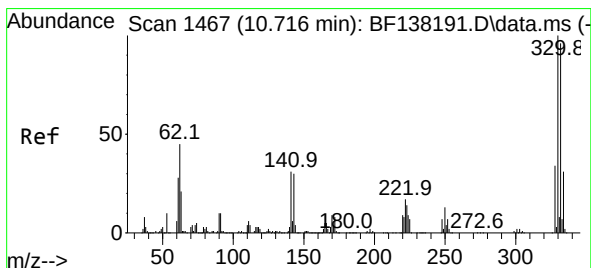
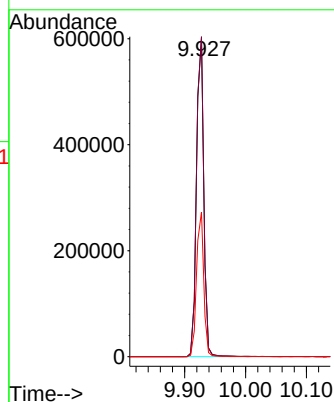
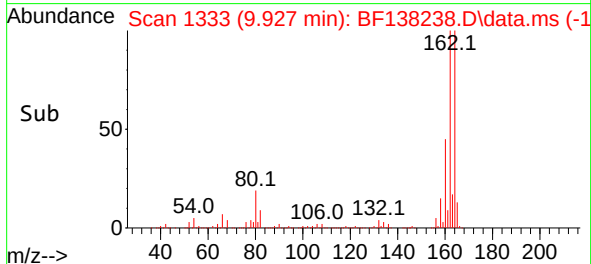


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF138238.D
Acq: 18 Jun 2024 21:58

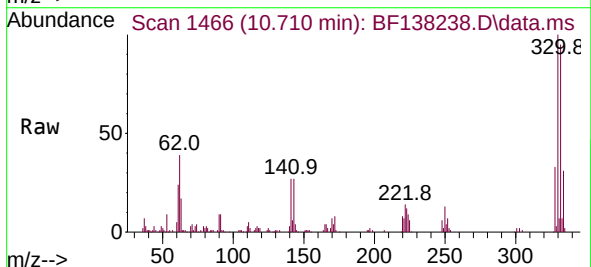
Instrument :
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ClientSampleId :
OILY-GRAVEL



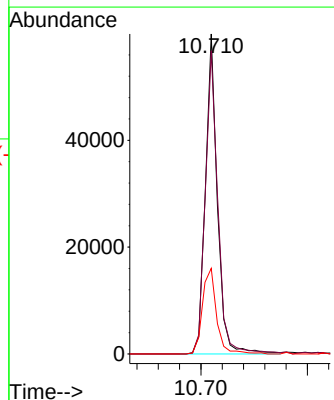
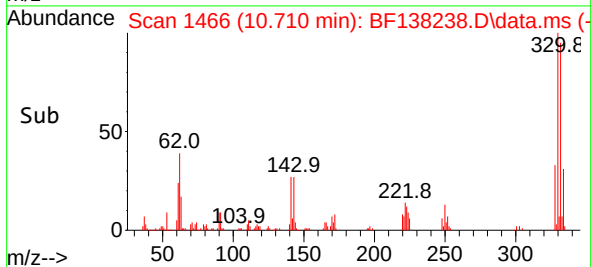
Tgt Ion:164 Resp: 497697
Ion Ratio Lower Upper
164 100
162 100.2 80.6 121.0
160 45.3 36.3 54.5

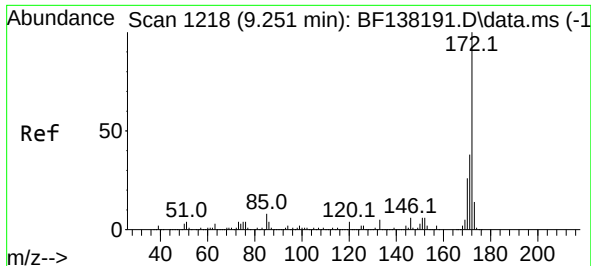


#42
2,4,6-Tribromophenol
Concen: 9.463 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF138238.D
Acq: 18 Jun 2024 21:58



Tgt Ion:330 Resp: 46888
Ion Ratio Lower Upper
330 100
332 100.0 76.6 115.0
141 31.5 23.9 35.9

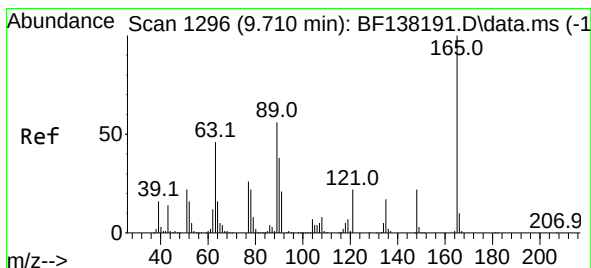
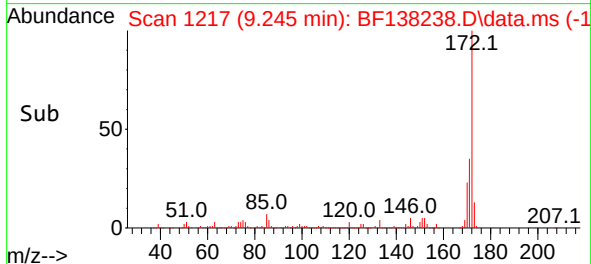
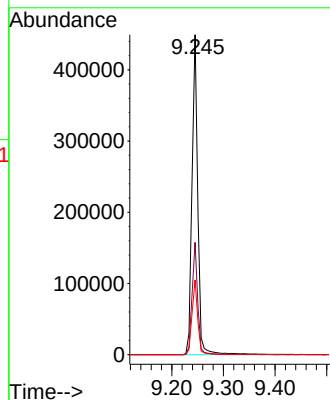
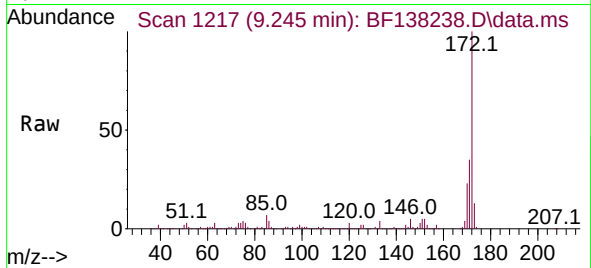




#45
2-Fluorobiphenyl
Concen: 11.149 ng
RT: 9.245 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138238.D
Acq: 18 Jun 2024 21:58

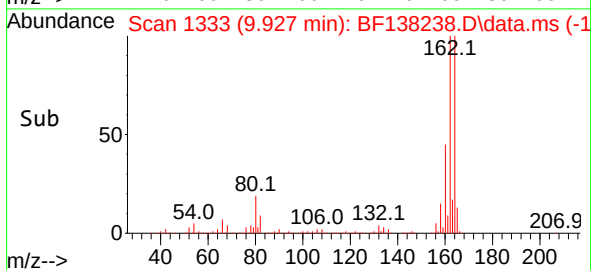
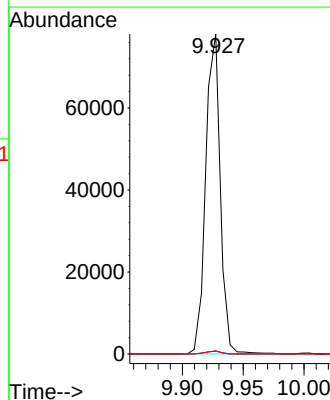
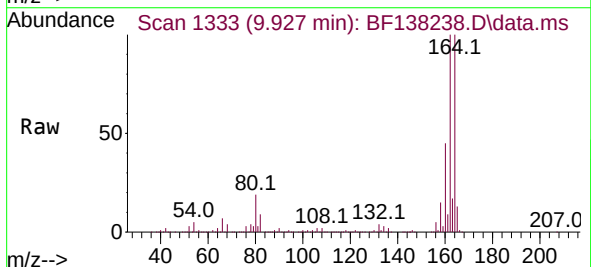
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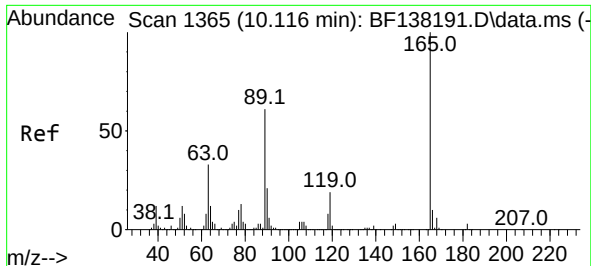
Tgt Ion:172 Resp: 348953
Ion Ratio Lower Upper
172 100
171 35.1 30.3 45.5
170 23.4 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 9.804 ng
RT: 9.927 min Scan# 1333
Delta R.T. 0.217 min
Lab File: BF138238.D
Acq: 18 Jun 2024 21:58

Tgt Ion:165 Resp: 64859
Ion Ratio Lower Upper
165 100
63 0.9 43.7 65.5#
89 1.0 44.9 67.3#

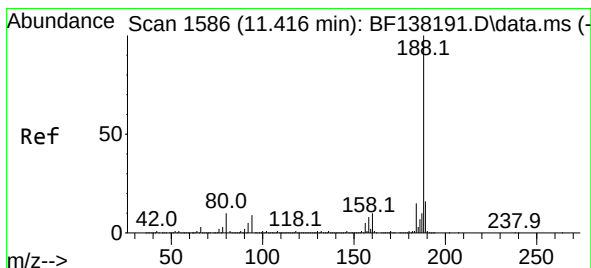
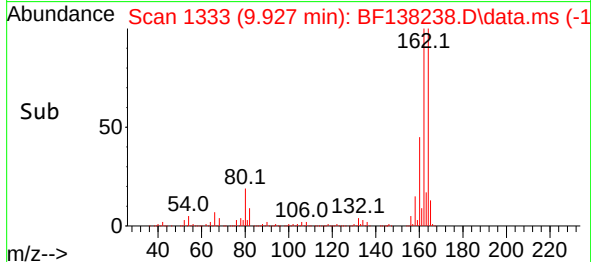
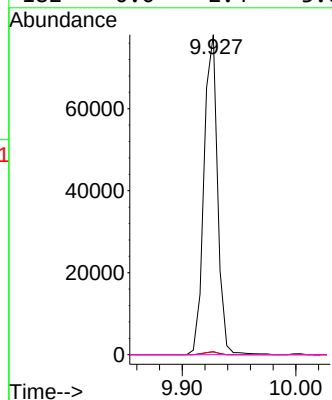
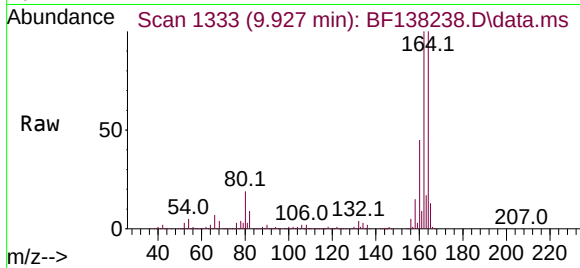




#57
2,4-Dinitrotoluene
Concen: 7.949 ng
RT: 9.927 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF138238.D
Acq: 18 Jun 2024 21:58

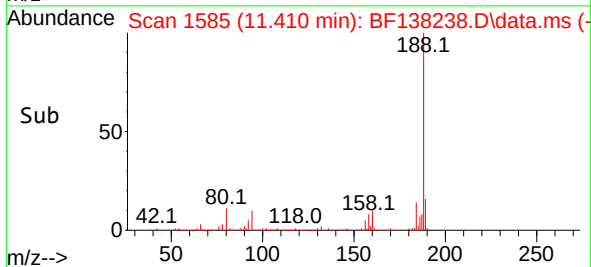
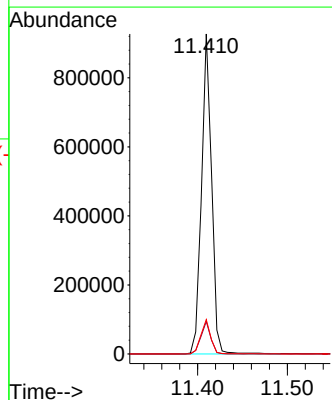
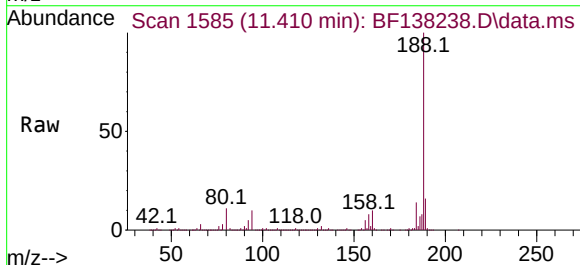
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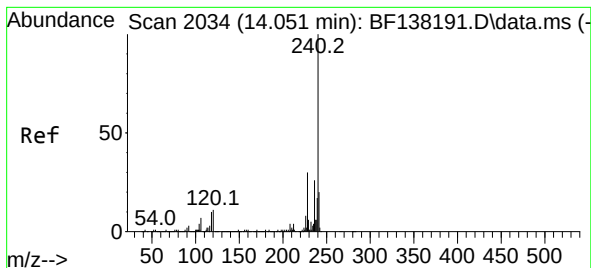
Tgt Ion:165 Resp: 64860
Ion Ratio Lower Upper
165 100
63 0.9 26.6 39.8#
89 1.0 48.7 73.1#
182 0.0 2.4 3.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF138238.D
Acq: 18 Jun 2024 21:58

Tgt Ion:188 Resp: 723092
Ion Ratio Lower Upper
188 100
94 10.2 7.6 11.4
80 10.8 8.1 12.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2034

Delta R.T. -0.006 min

Lab File: BF138238.D

Acq: 18 Jun 2024 21:58

Instrument :

BNA_F

ClientSampleId :

OILY-GRAVEL

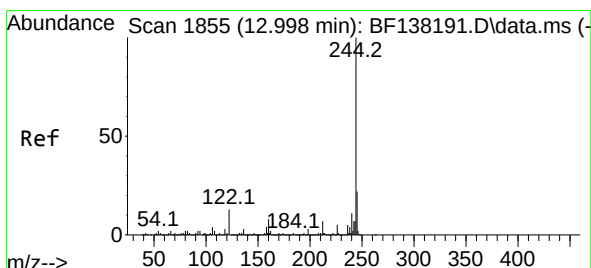
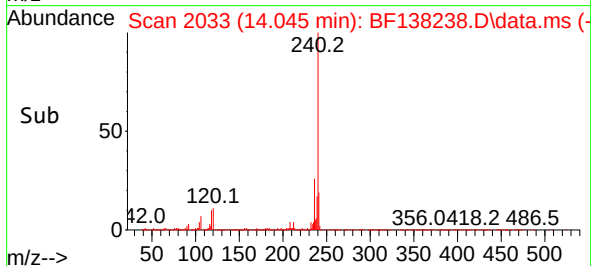
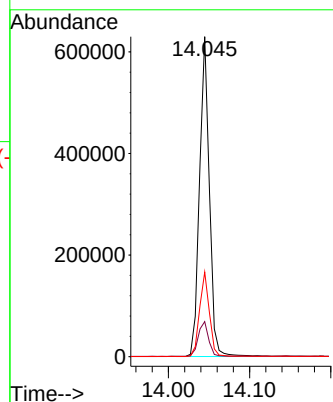
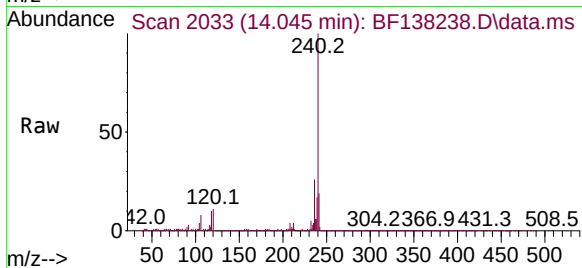
Tgt Ion:240 Resp: 533028

Ion Ratio Lower Upper

240 100

120 10.9 9.2 13.8

236 26.5 21.0 31.6



#79

Terphenyl-d14

Concen: 9.618 ng

RT: 12.992 min Scan# 1854

Delta R.T. -0.006 min

Lab File: BF138238.D

Acq: 18 Jun 2024 21:58

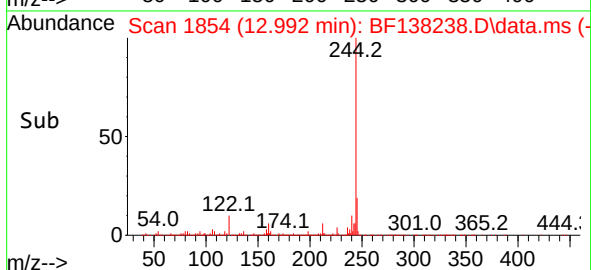
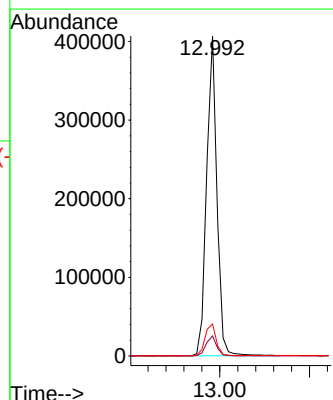
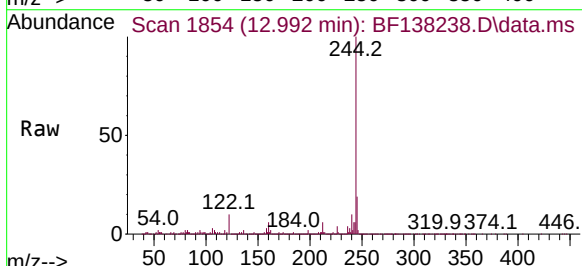
Tgt Ion:244 Resp: 323673

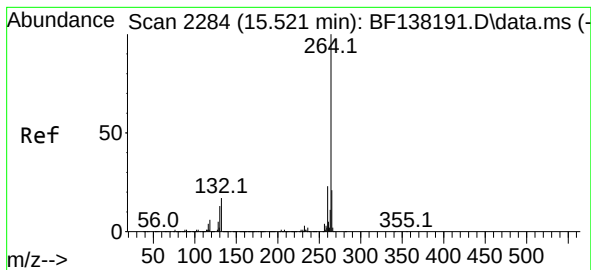
Ion Ratio Lower Upper

244 100

212 6.3 5.9 8.9

122 10.0 10.6 15.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF138238.D

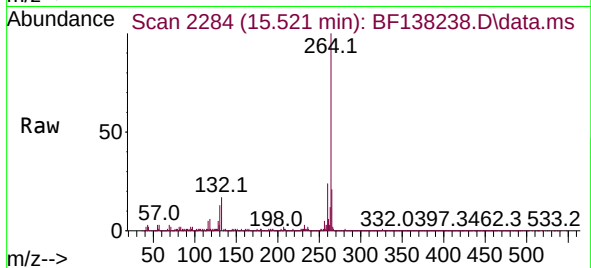
Acq: 18 Jun 2024 21:58

Instrument :

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Tgt Ion:264 Resp: 450017

Ion Ratio Lower Upper

264 100

260 24.2 18.7 28.1

265 21.3 17.0 25.6

