

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111124\
 Data File : BF140328.D
 Acq On : 11 Nov 2024 20:10
 Operator : RC/JU
 Sample : P4792-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONE-DRUM

Quant Time: Nov 12 00:45:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 12 00:05:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	140396	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	538917	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	295572	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	558313	20.000	ng	0.00
76) Chrysene-d12	14.039	240	344447	20.000	ng	-0.02
86) Perylene-d12	15.533	264	281581	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	931938	114.681	ng	0.01
7) Phenol-d6	6.504	99	1150798	106.574	ng	0.00
23) Nitrobenzene-d5	7.434	82	872831	84.079	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	380222	132.411	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1548950	82.737	ng	0.00
79) Terphenyl-d14	12.986	244	1833661	91.283	ng	0.00

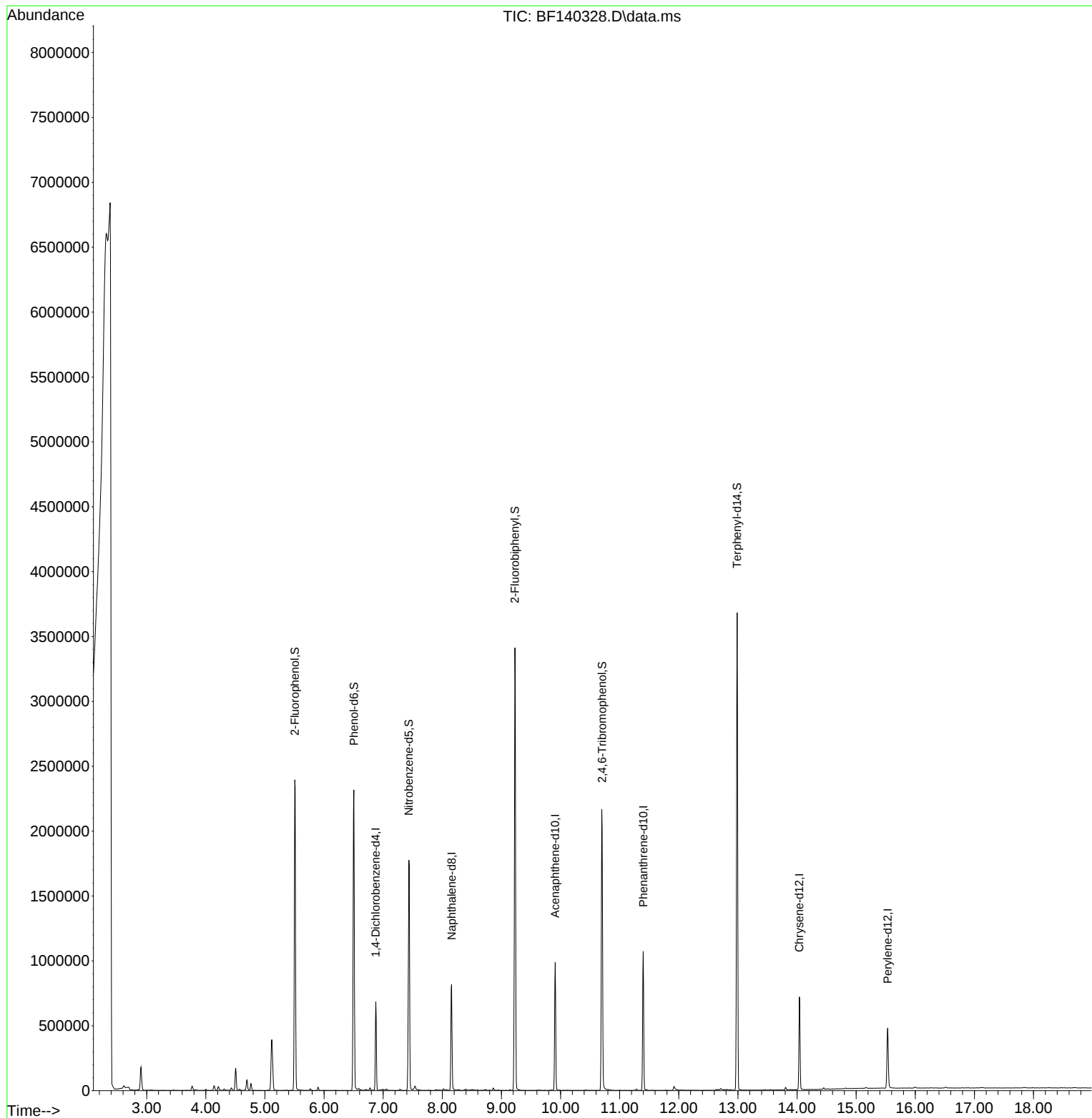
Target Compounds	Qvalue

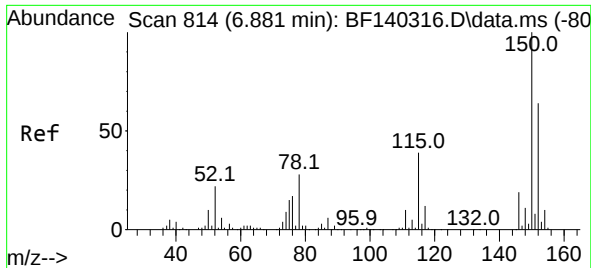
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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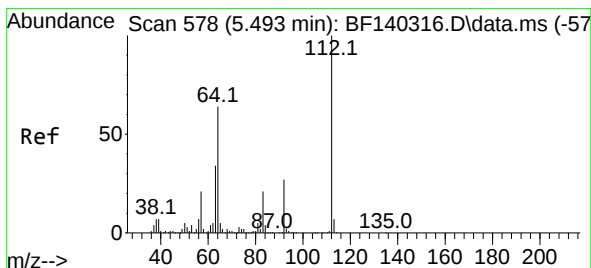
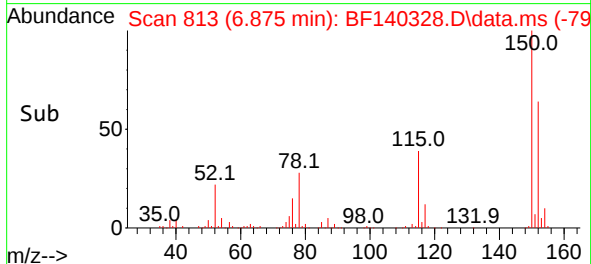
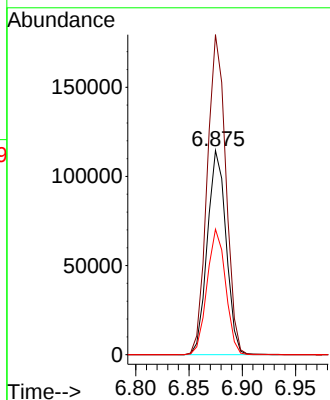
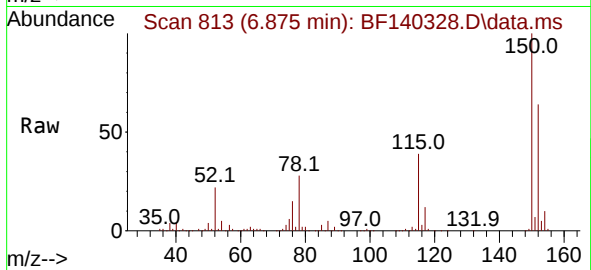




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140328.D
Acq: 11 Nov 2024 20:10

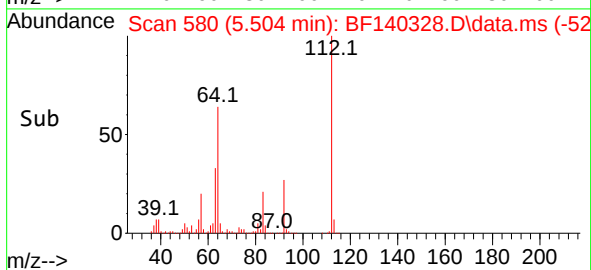
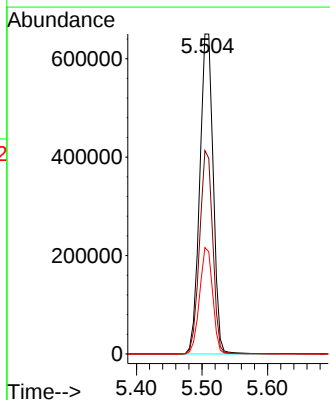
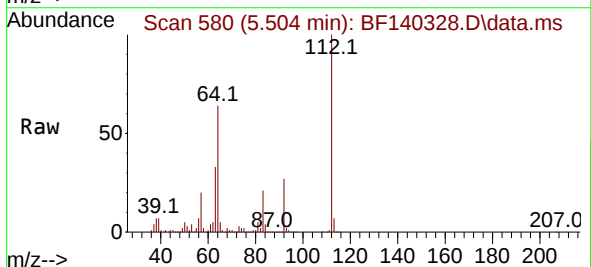
Instrument :
BNA_F
ClientSampleId :
OILY-STONE-DRUM

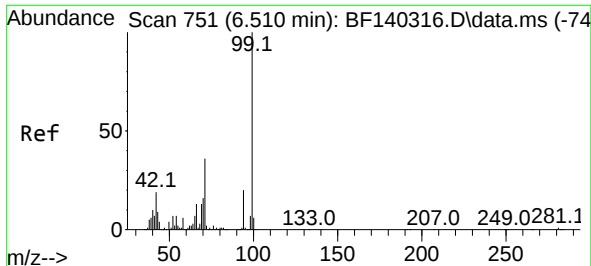
Tgt Ion:152 Resp: 140396
Ion Ratio Lower Upper
152 100
150 156.8 127.1 190.7
115 61.5 49.4 74.0



#5
2-Fluorophenol
Concen: 114.681 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140328.D
Acq: 11 Nov 2024 20:10

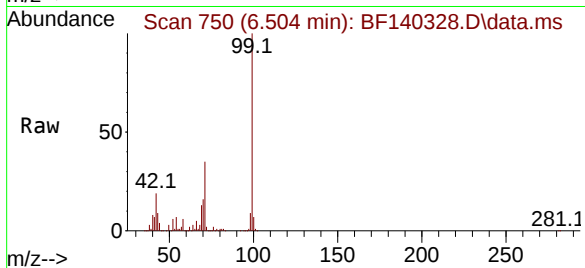
Tgt Ion:112 Resp: 931938
Ion Ratio Lower Upper
112 100
64 63.5 51.0 76.6
63 33.3 26.9 40.3





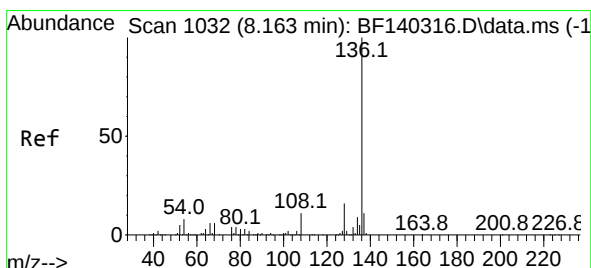
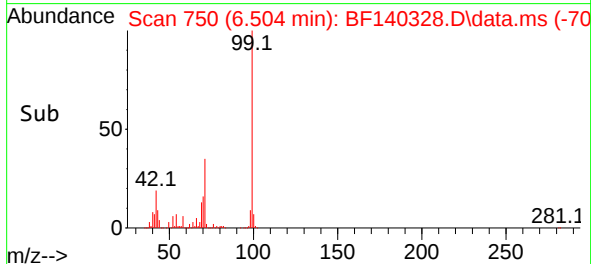
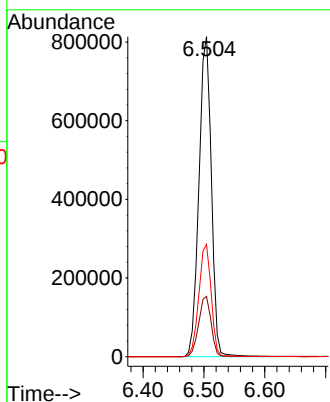
#7
Phenol-d6
Concen: 106.574 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140328.D
Acq: 11 Nov 2024 20:10

Instrument :
BNA_F
ClientSampleId :
OILY-STONE-DRUM



Tgt Ion: 99 Resp: 1150798

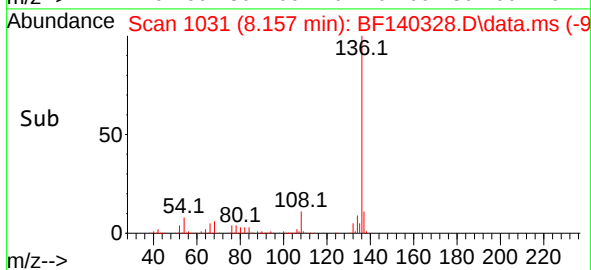
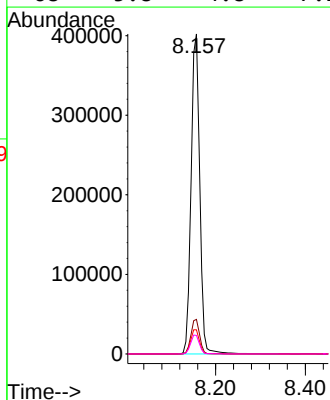
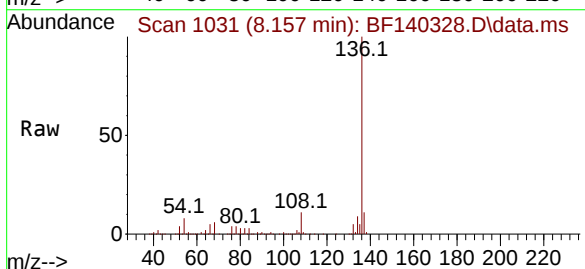
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.5	23.3
71	35.1	28.8	43.2

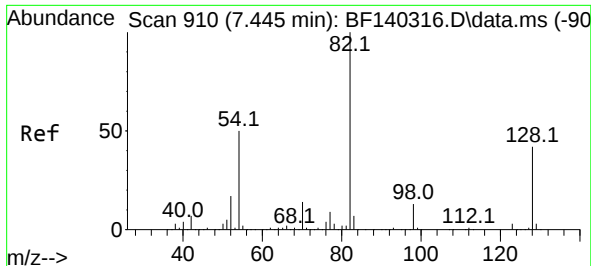


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140328.D
Acq: 11 Nov 2024 20:10

Tgt Ion: 136 Resp: 538917

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	7.5	6.2	9.2
68	5.8	4.8	7.2





#23

Nitrobenzene-d5

Concen: 84.079 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF140328.D

Acq: 11 Nov 2024 20:10

Instrument :

BNA_F

ClientSampleId :

OILY-STONE-DRUM

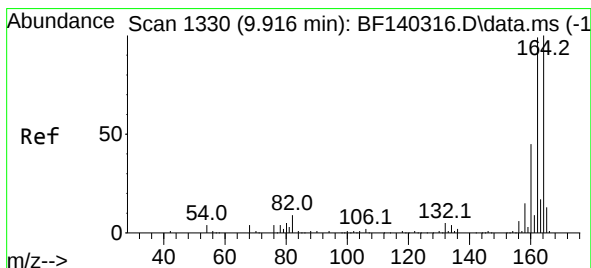
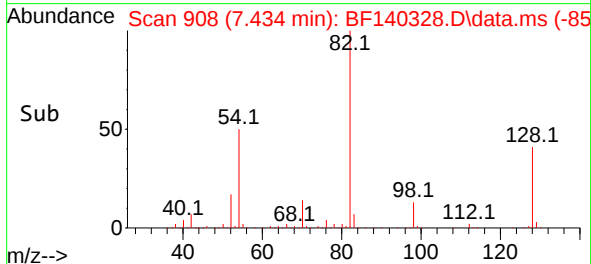
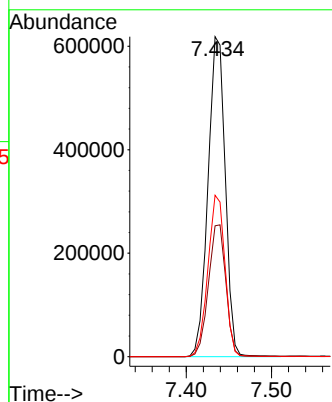
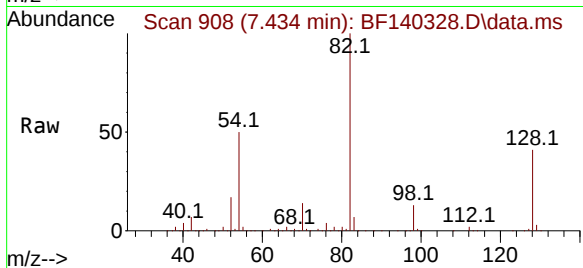
Tgt Ion: 82 Resp: 872831

Ion Ratio Lower Upper

82 100

128 40.9 33.8 50.6

54 50.5 40.0 60.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.006 min

Lab File: BF140328.D

Acq: 11 Nov 2024 20:10

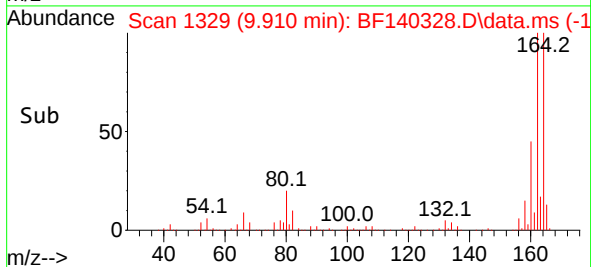
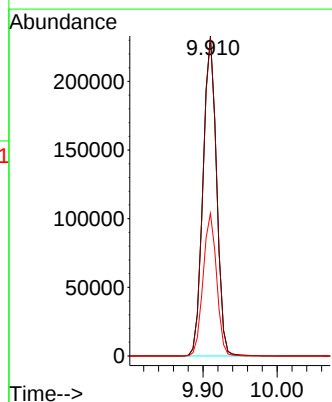
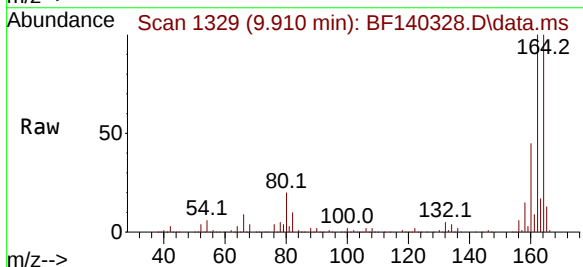
Tgt Ion:164 Resp: 295572

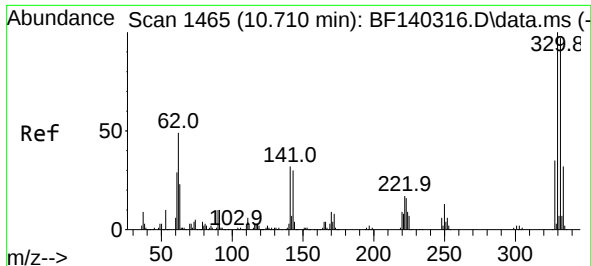
Ion Ratio Lower Upper

164 100

162 99.5 79.4 119.0

160 44.6 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 132.411 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.006 min

Lab File: BF140328.D

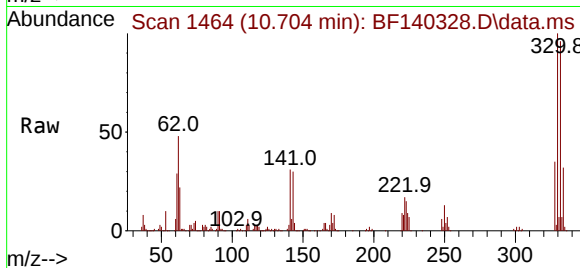
Acq: 11 Nov 2024 20:10

Instrument :

BNA_F

ClientSampleId :

OILY-STONE-DRUM



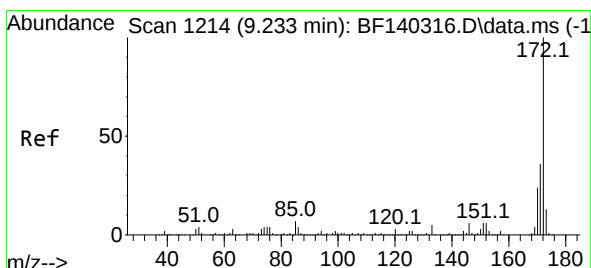
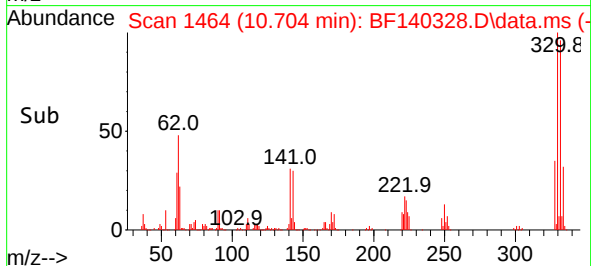
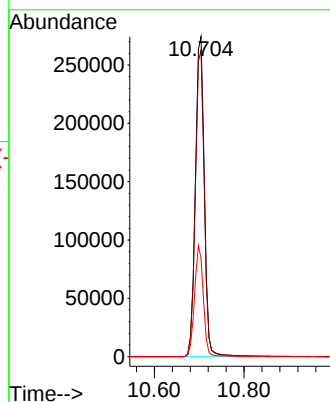
Tgt Ion:330 Resp: 380222

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

141 34.2 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 82.737 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140328.D

Acq: 11 Nov 2024 20:10

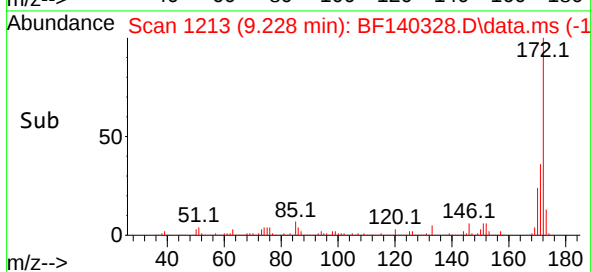
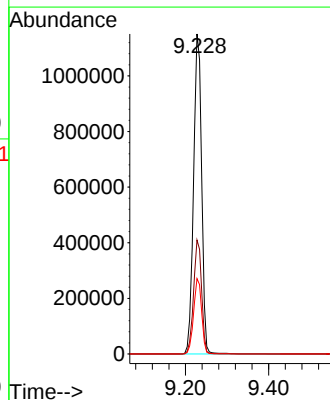
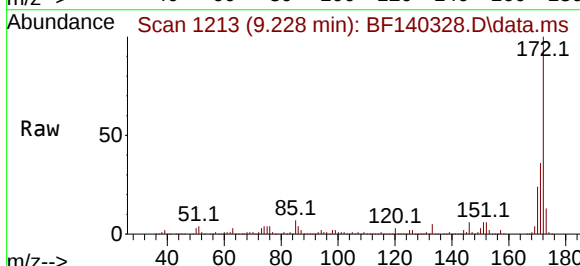
Tgt Ion:172 Resp: 1548950

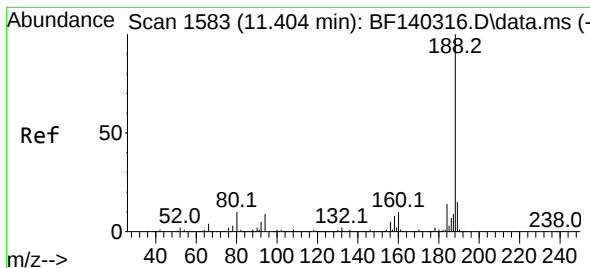
Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.6 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140328.D

Acq: 11 Nov 2024 20:10

Instrument :

BNA_F

ClientSampleId :

OILY-STONE-DRUM

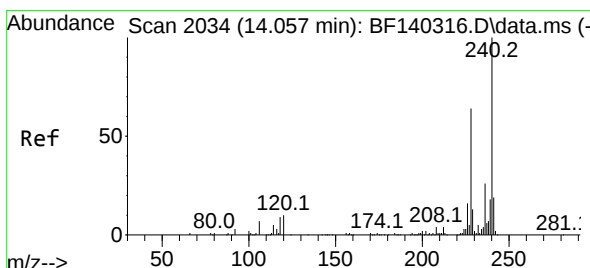
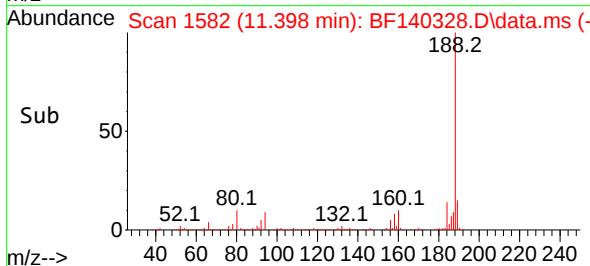
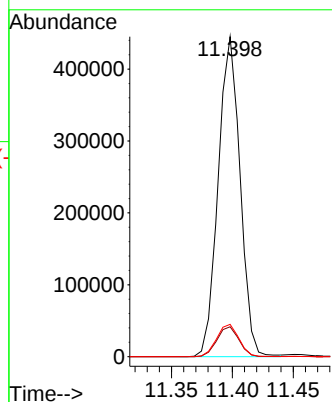
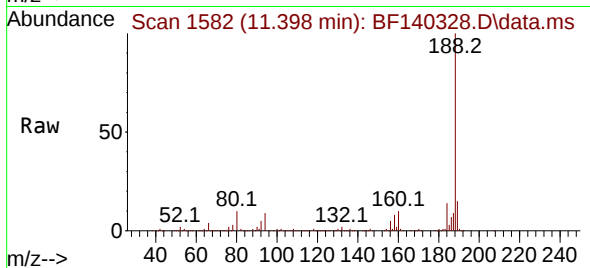
Tgt Ion:188 Resp: 558313

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.1 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.018 min

Lab File: BF140328.D

Acq: 11 Nov 2024 20:10

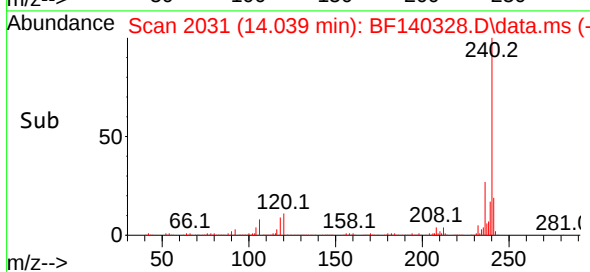
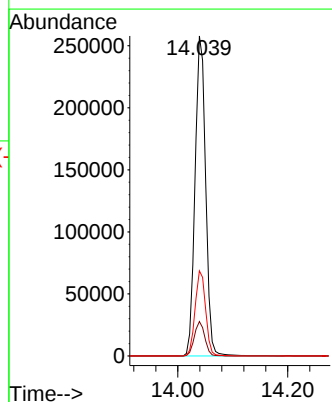
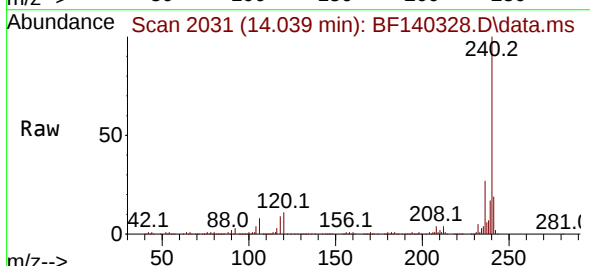
Tgt Ion:240 Resp: 344447

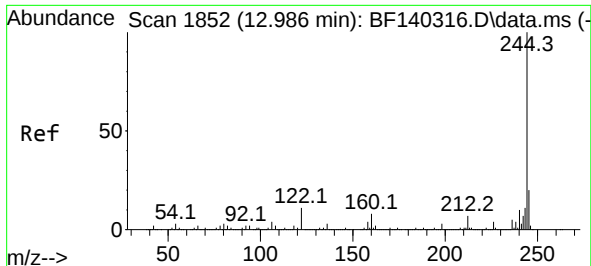
Ion Ratio Lower Upper

240 100

120 10.8 8.2 12.4

236 26.6 20.9 31.3

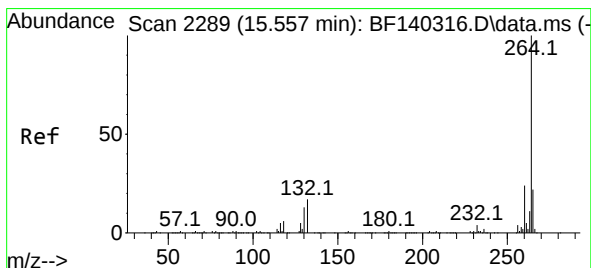
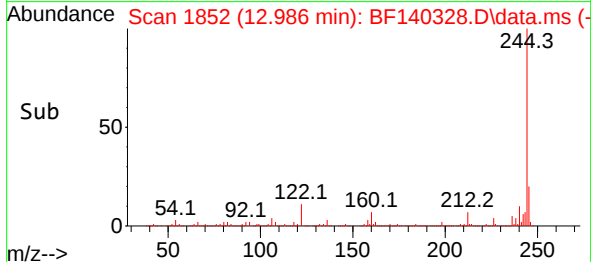
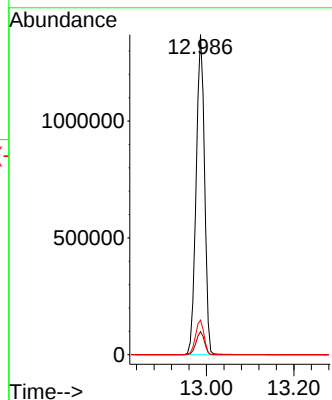
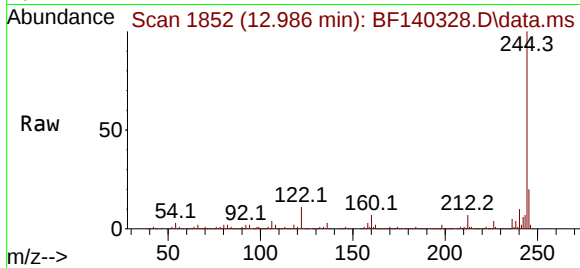




#79
 Terphenyl-d14
 Concen: 91.283 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140328.D
 Acq: 11 Nov 2024 20:10

Instrument :
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Tgt Ion:244 Resp: 1833661
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 10.8 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. -0.024 min
 Lab File: BF140328.D
 Acq: 11 Nov 2024 20:10

Tgt Ion:264 Resp: 281581
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 21.8 17.6 26.4

