

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140946.D
 Acq On : 20 Dec 2024 13:18
 Operator : RC/JU
 Sample : P5306-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-12-121224

Quant Time: Dec 20 13:39:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	54430	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	210139	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	120116	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	210542	20.000	ng	0.00
76) Chrysene-d12	14.027	240	164330	20.000	ng	0.00
86) Perylene-d12	15.527	264	118564	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	537650	162.607	ng	0.01
7) Phenol-d6	6.504	99	720849	164.600	ng	0.00
23) Nitrobenzene-d5	7.416	82	430956	102.604	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	206669	145.477	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	829891	94.989	ng	0.00
79) Terphenyl-d14	12.963	244	928505	89.097	ng	0.00

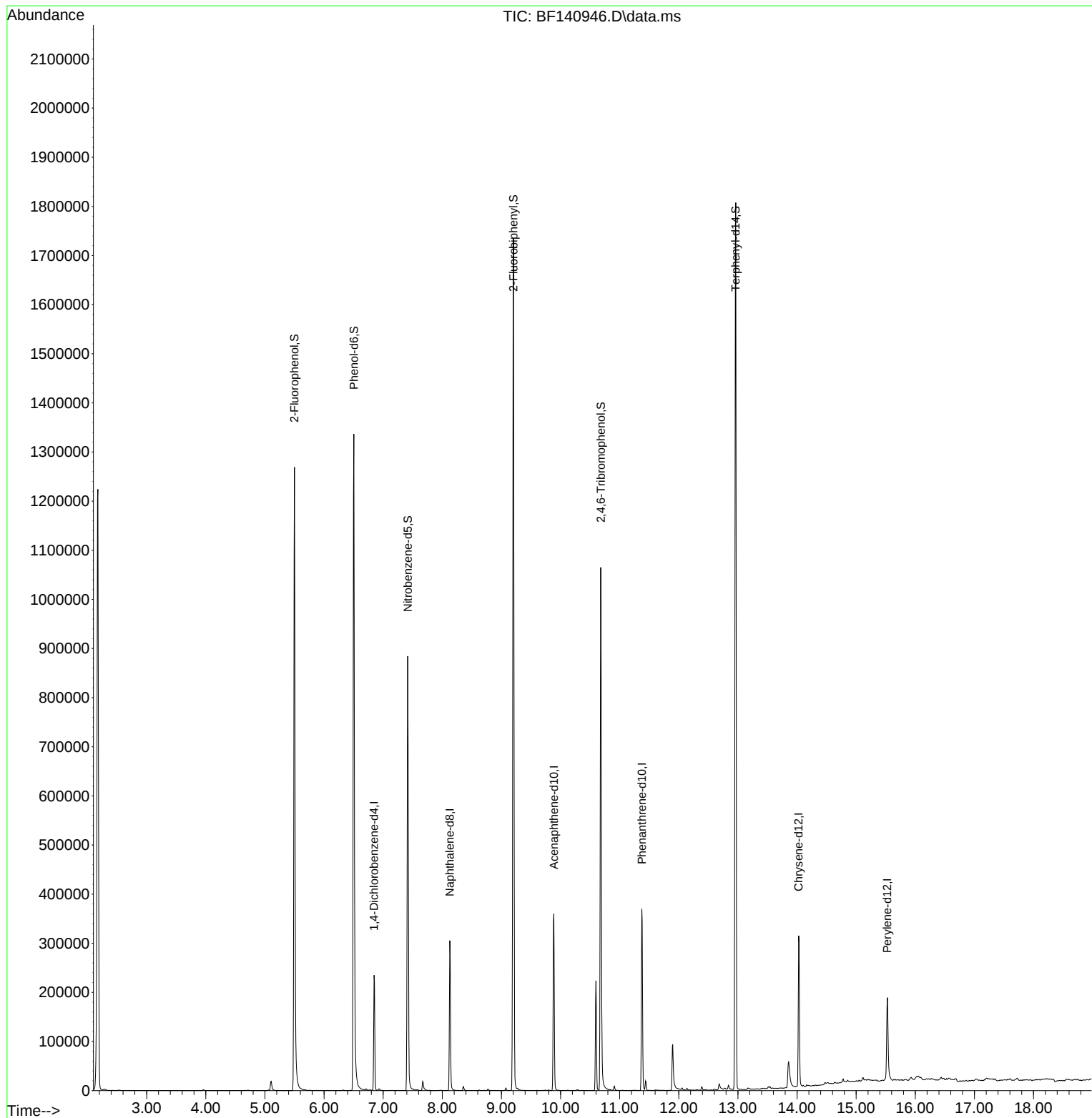
Target Compounds	Qvalue

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

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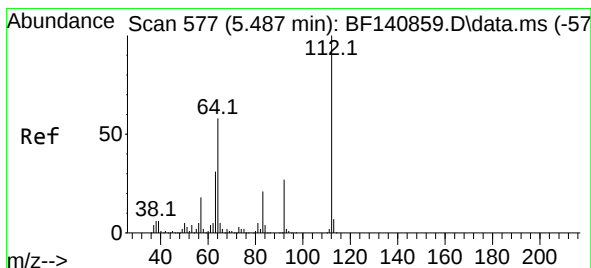
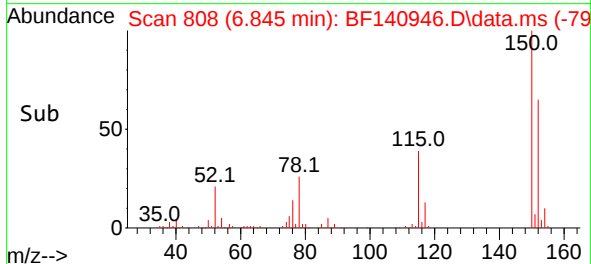
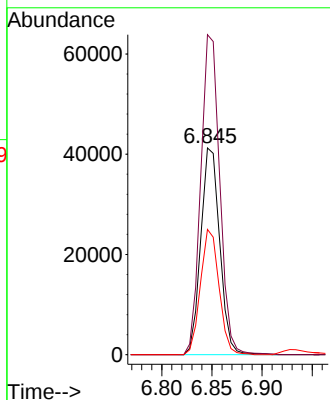
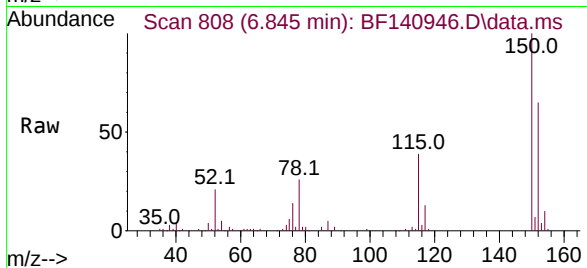




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

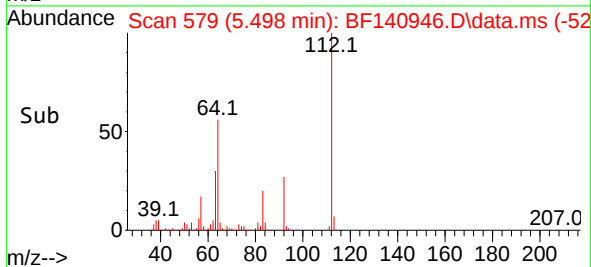
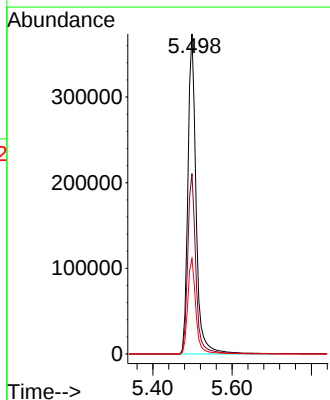
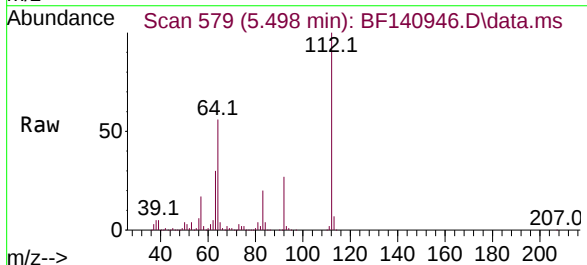
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-12-121224

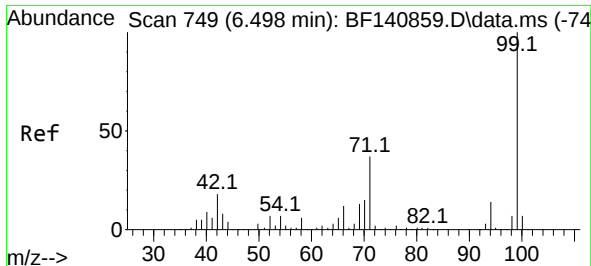
Tgt Ion:152 Resp: 54430
Ion Ratio Lower Upper
152 100
150 154.8 127.9 191.9
115 60.6 48.0 72.0



#5
2-Fluorophenol
Concen: 162.607 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

Tgt Ion:112 Resp: 537650
Ion Ratio Lower Upper
112 100
64 56.3 46.1 69.1
63 29.8 24.9 37.3

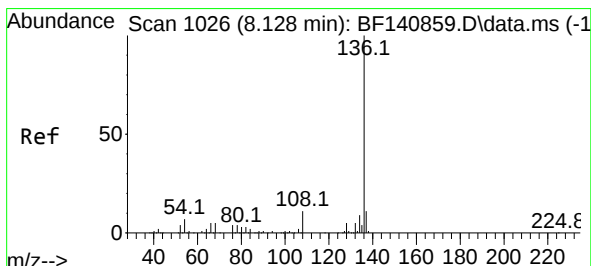
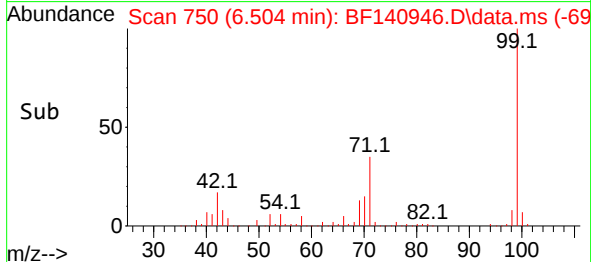
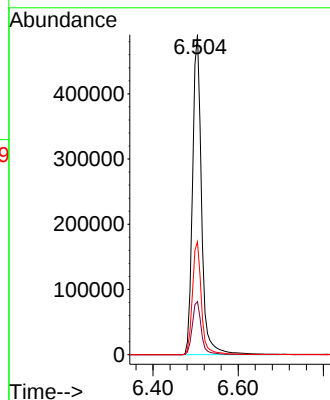
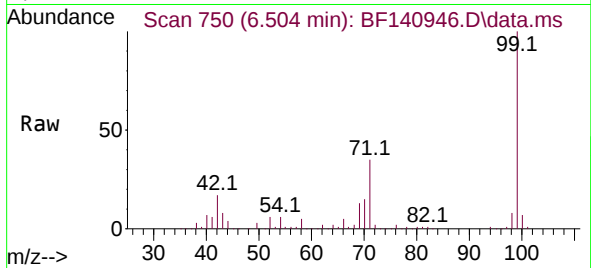




#7
Phenol-d6
Concen: 164.600 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

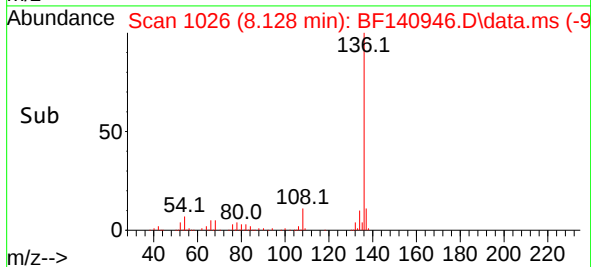
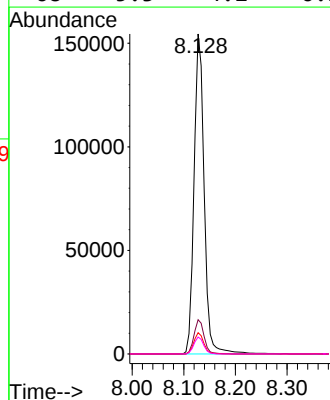
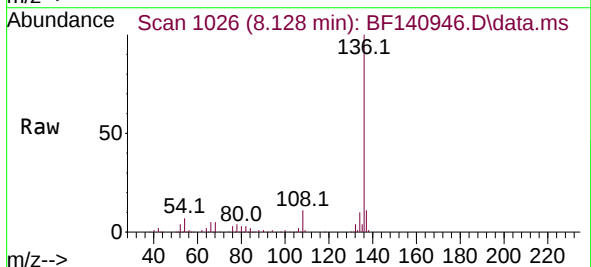
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-12-121224

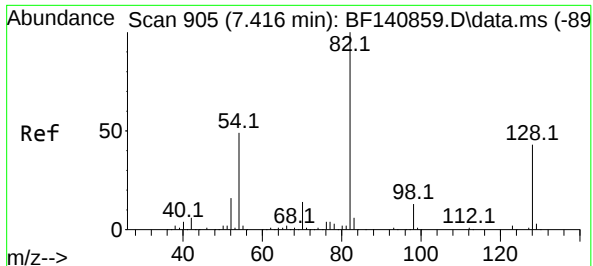
Tgt Ion: 99 Resp: 720849
Ion Ratio Lower Upper
99 100
42 16.6 14.3 21.5
71 35.3 29.9 44.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

Tgt Ion: 136 Resp: 210139
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 6.7 5.6 8.4
68 5.3 4.2 6.2





#23

Nitrobenzene-d5

Concen: 102.604 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.000 min

Lab File: BF140946.D

Acq: 20 Dec 2024 13:18

Instrument :

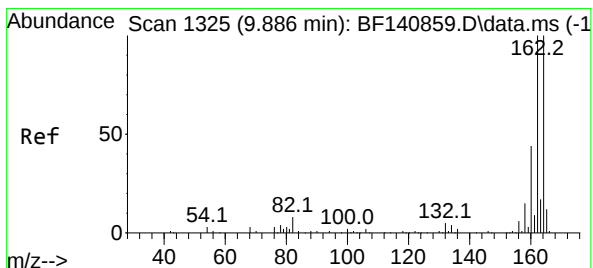
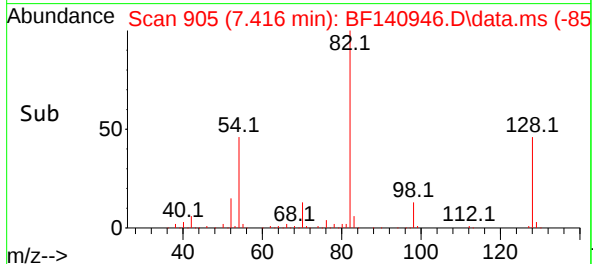
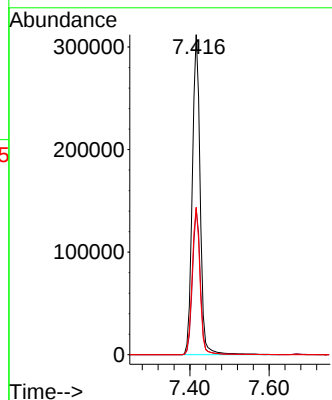
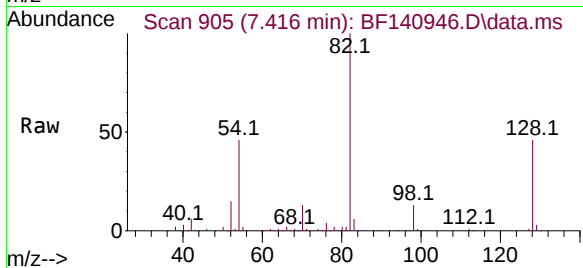
BNA_F

ClientSampleId :

OU4-VSL-12-121224

Tgt Ion: 82 Resp: 430956

Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.4	51.6
54	46.0	38.8	58.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1325

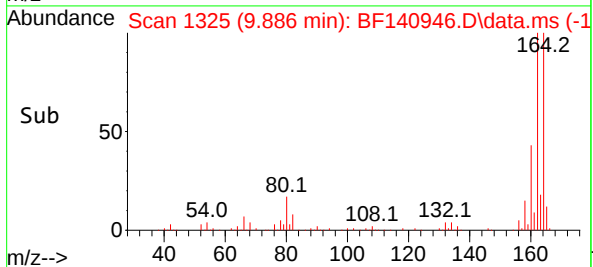
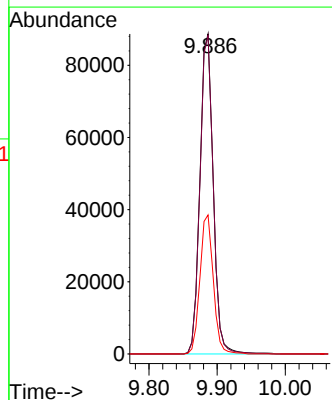
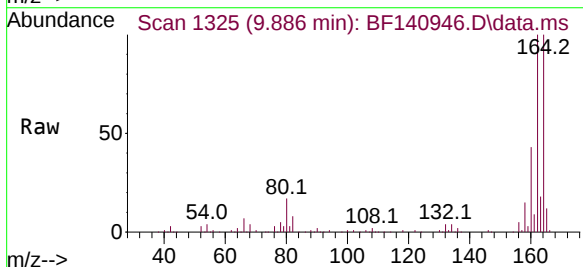
Delta R.T. -0.000 min

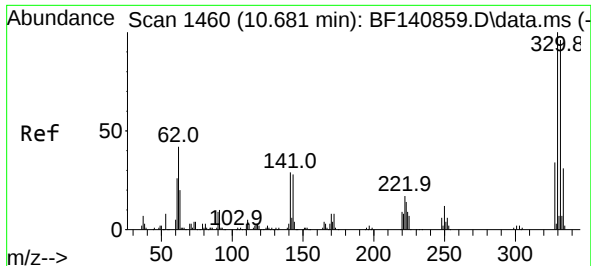
Lab File: BF140946.D

Acq: 20 Dec 2024 13:18

Tgt Ion:164 Resp: 120116

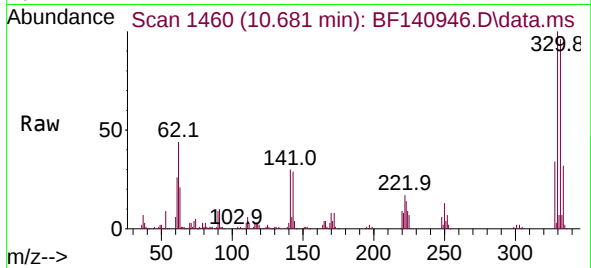
Ion	Ratio	Lower	Upper
164	100		
162	99.5	79.9	119.9
160	43.5	35.2	52.8



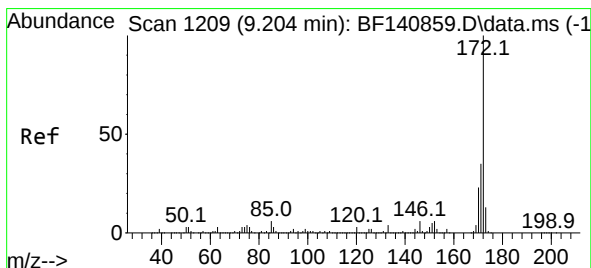
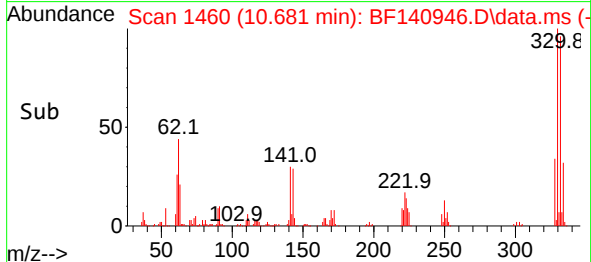
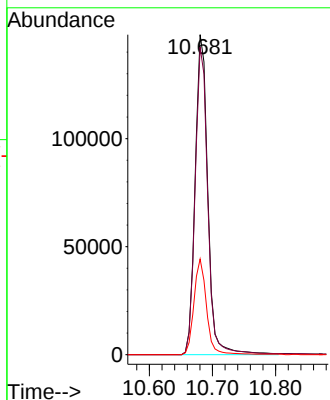


#42
2,4,6-Tribromophenol
Concen: 145.477 ng
RT: 10.681 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-12-121224

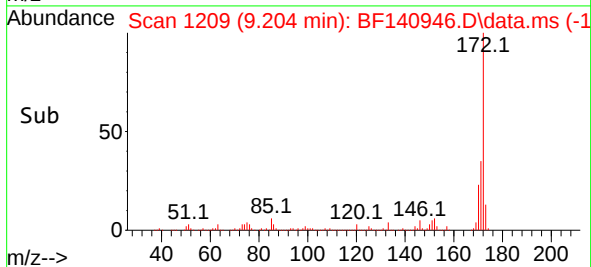
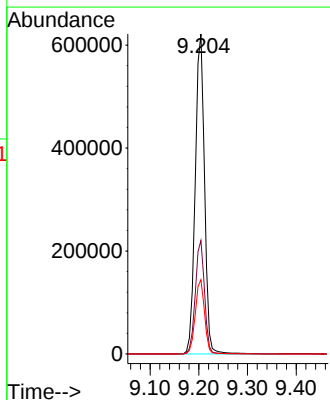
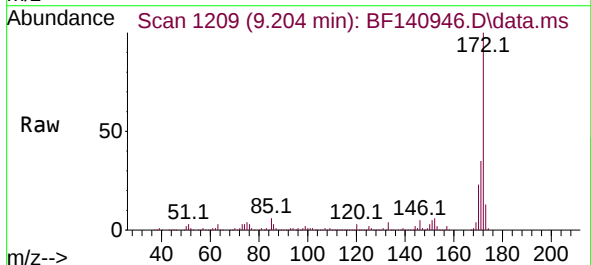


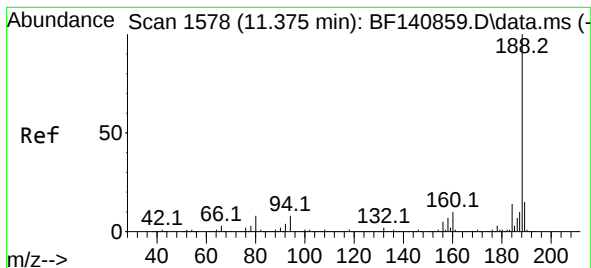
Tgt Ion:330 Resp: 206669
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 29.9 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 94.989 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

Tgt Ion:172 Resp: 829891
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.2 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140946.D

Acq: 20 Dec 2024 13:18

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-12-121224

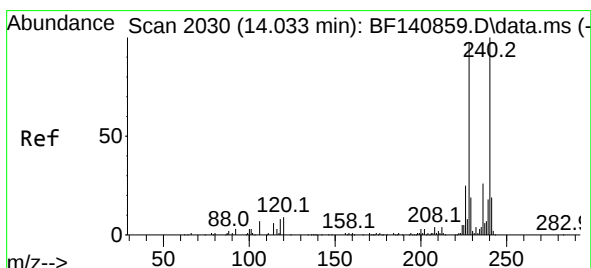
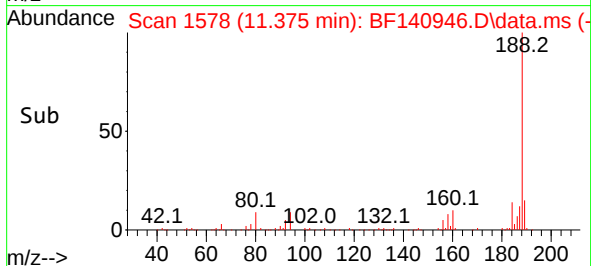
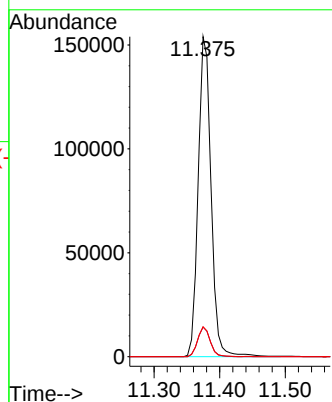
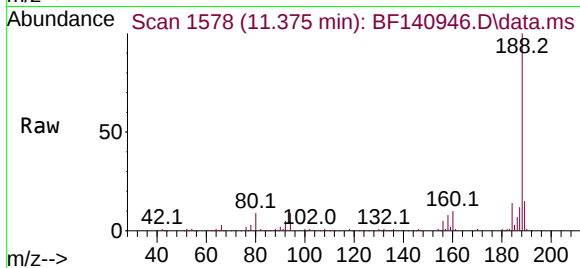
Tgt Ion:188 Resp: 210542

Ion Ratio Lower Upper

188 100

94 9.2 6.4 9.6

80 9.3 6.8 10.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF140946.D

Acq: 20 Dec 2024 13:18

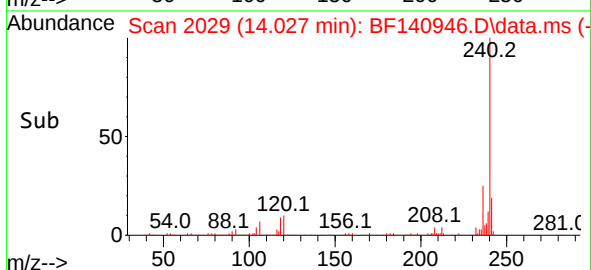
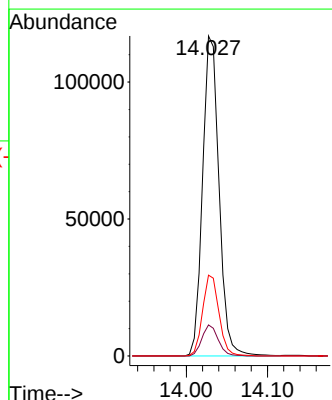
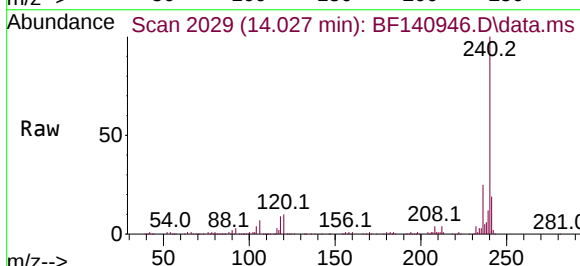
Tgt Ion:240 Resp: 164330

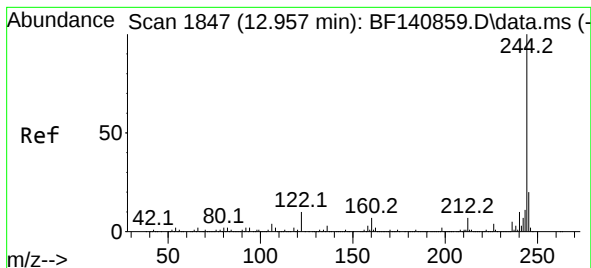
Ion Ratio Lower Upper

240 100

120 9.7 7.6 11.4

236 25.3 20.5 30.7





#79

Terphenyl-d14

Concen: 89.097 ng

RT: 12.963 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140946.D

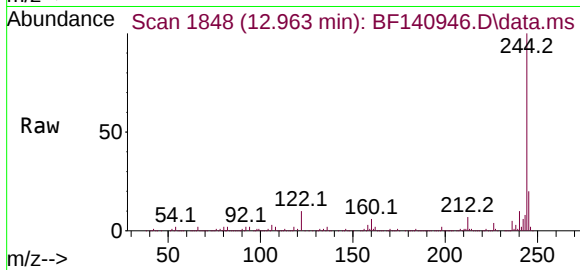
Acq: 20 Dec 2024 13:18

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OU4-VSL-12-121224



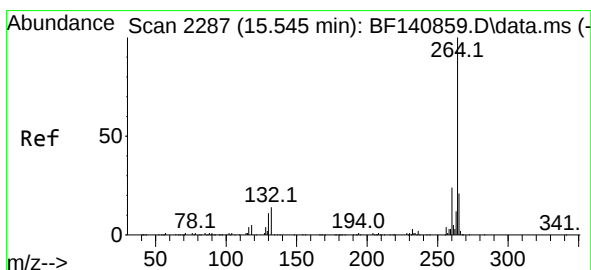
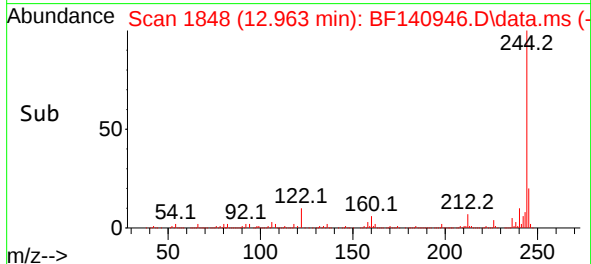
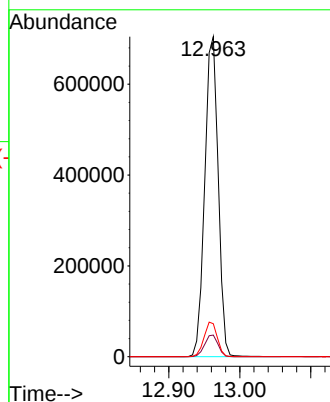
Tgt Ion:244 Resp: 928505

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.3 8.2 12.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. -0.018 min

Lab File: BF140946.D

Acq: 20 Dec 2024 13:18

Tgt Ion:264 Resp: 118564

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 21.1 17.0 25.4

