

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103124\
 Data File : BF140186.D
 Acq On : 31 Oct 2024 13:55
 Operator : RC/JU
 Sample : P4611-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Oct 31 14:29:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	93580	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	370111	20.000	ng	-0.01
39) Acenaphthene-d10	9.922	164	216985	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	382650	20.000	ng	0.00
76) Chrysene-d12	14.092	240	213542	20.000	ng	0.04
86) Perylene-d12	15.633	264	174560	20.000	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	799434	133.736	ng	0.01
7) Phenol-d6	6.510	99	967049	124.908	ng	0.00
23) Nitrobenzene-d5	7.445	82	762835	114.234	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	358347	176.560	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1347457	102.631	ng	-0.01
79) Terphenyl-d14	13.015	244	1457276	111.201	ng	0.02

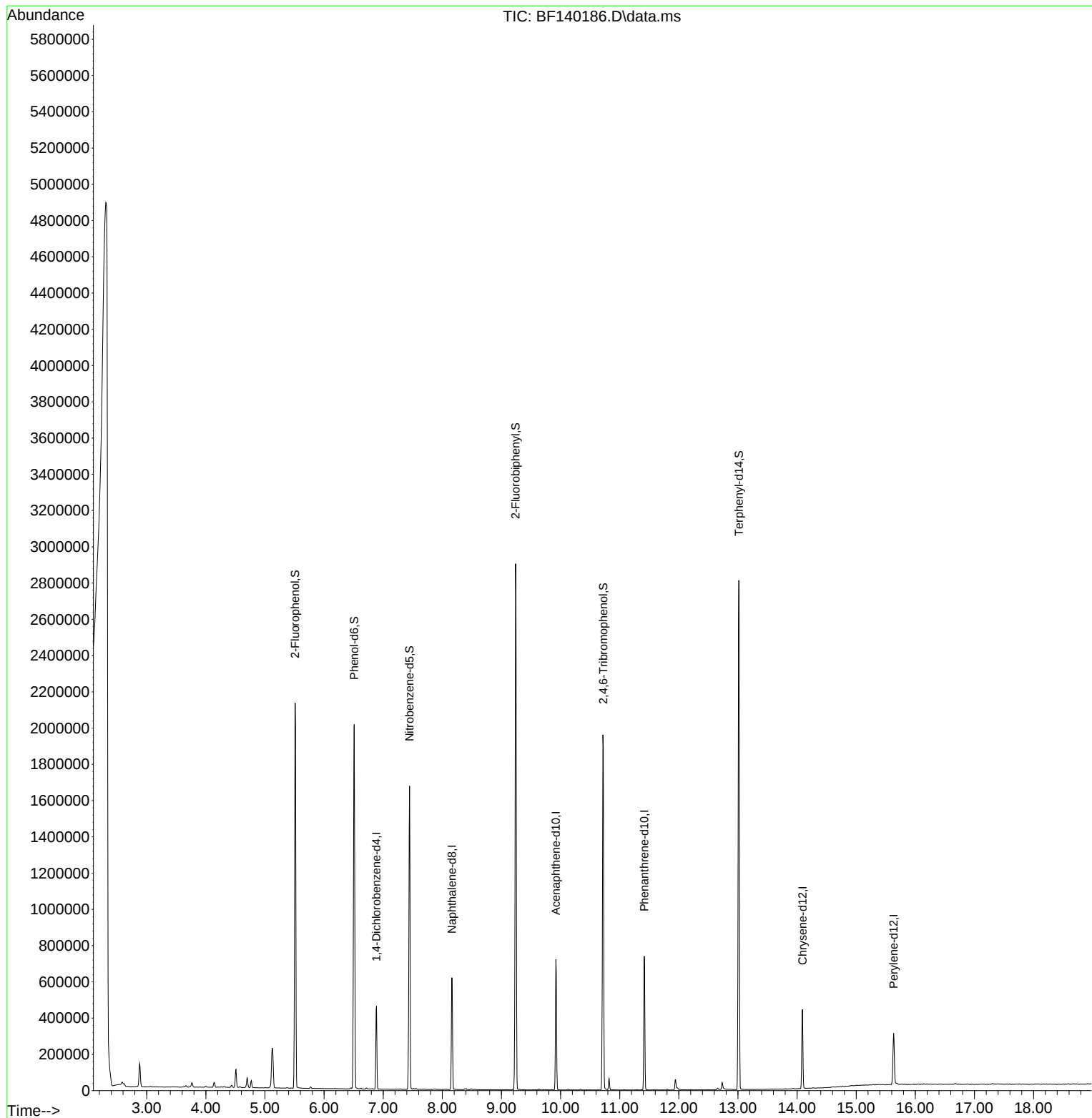
Target Compounds	Qvalue

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

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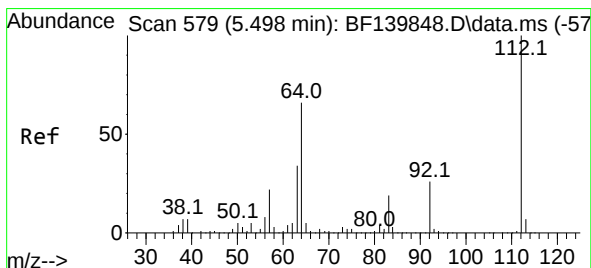
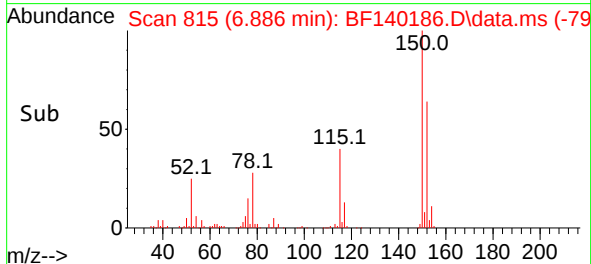
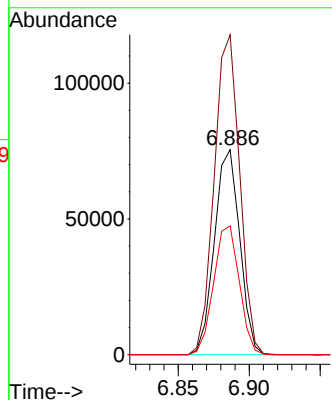
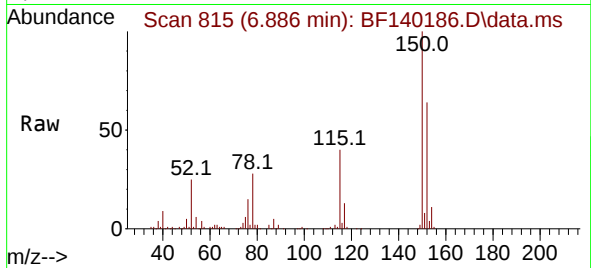




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

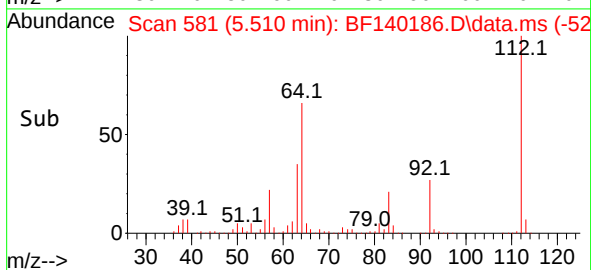
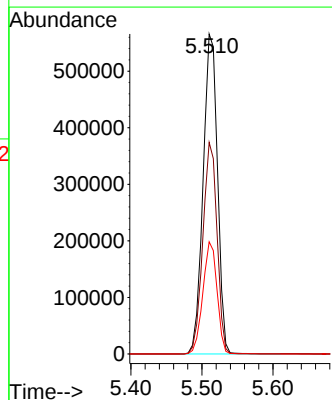
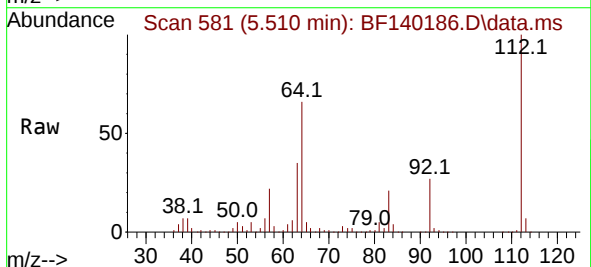
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:152 Resp: 93580
Ion Ratio Lower Upper
152 100
150 156.1 130.2 195.2
115 62.8 51.4 77.2



#5
2-Fluorophenol
Concen: 133.736 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

Tgt Ion:112 Resp: 799434
Ion Ratio Lower Upper
112 100
64 66.1 53.0 79.6
63 35.1 27.0 40.4





#7
Phenol-d6
Concen: 124.908 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

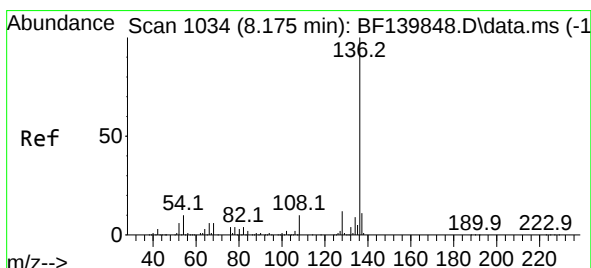
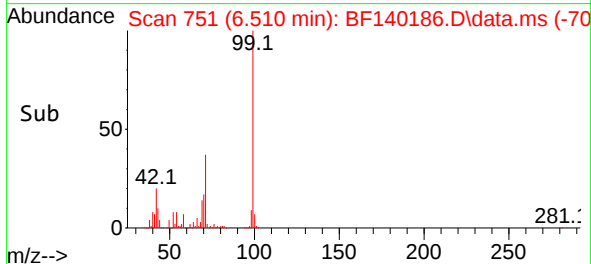
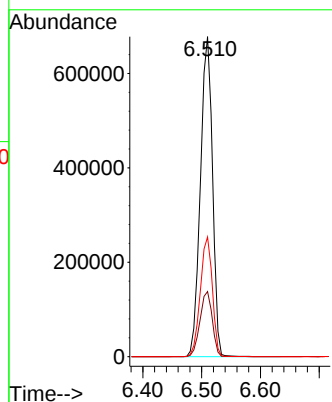
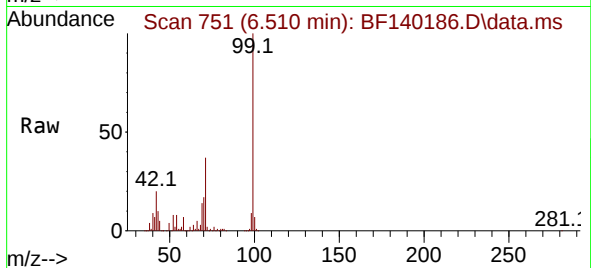
Instrument :

BNA_F

ClientSampleId :

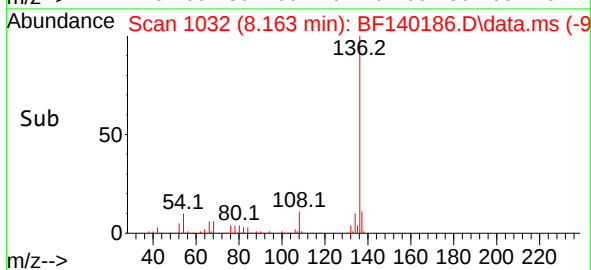
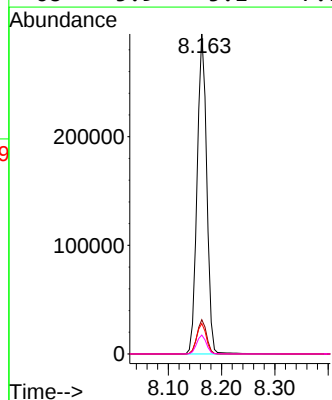
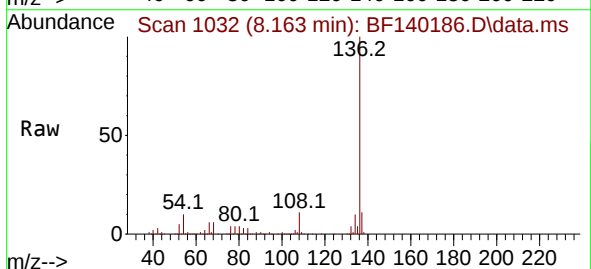
TP-2

Tgt Ion: 99 Resp: 967049
Ion Ratio Lower Upper
99 100
42 20.3 16.7 25.1
71 37.4 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

Tgt Ion: 136 Resp: 370111
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 9.5 8.4 12.6
68 5.9 5.1 7.7

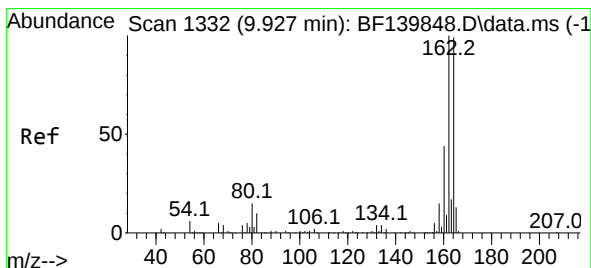
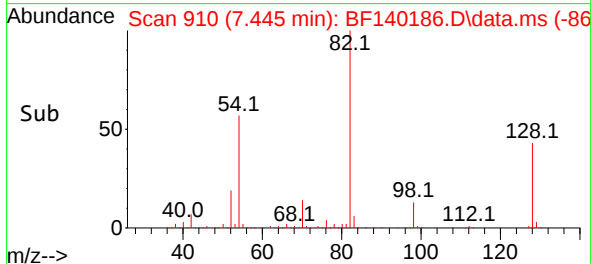
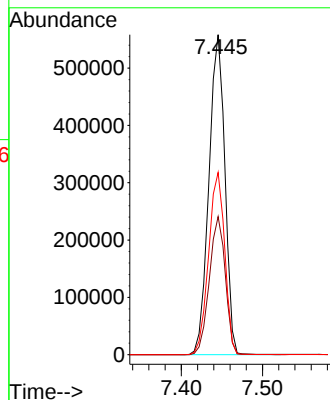
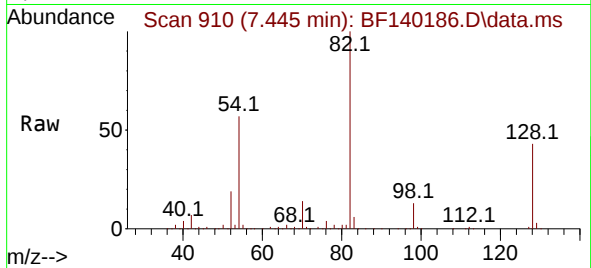




#23
Nitrobenzene-d5
Concen: 114.234 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

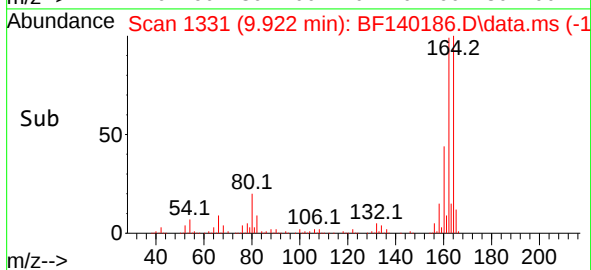
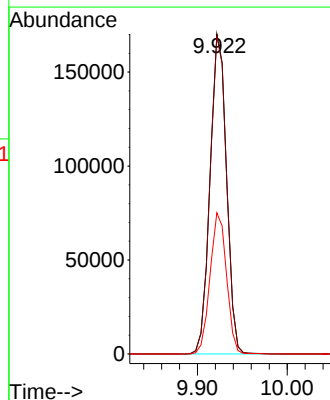
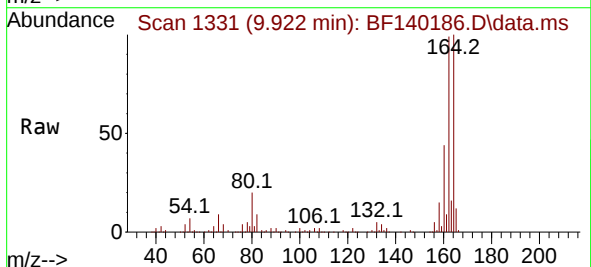
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 82 Resp: 762835
Ion Ratio Lower Upper
82 100
128 43.2 33.4 50.0
54 57.0 47.8 71.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.005 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

Tgt Ion:164 Resp: 216985
Ion Ratio Lower Upper
164 100
162 99.4 81.0 121.4
160 44.1 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 176.560 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF140186.D

Acq: 31 Oct 2024 13:55

Instrument :

BNA_F

ClientSampleId :

TP-2

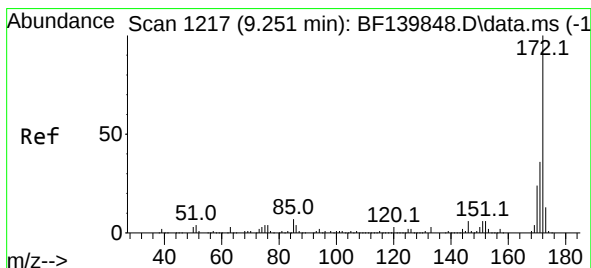
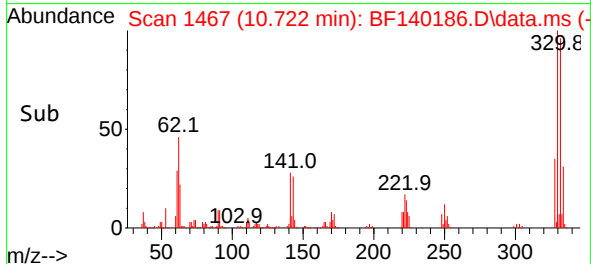
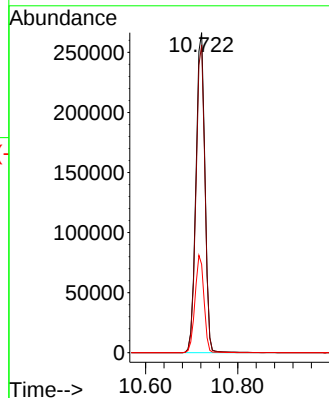
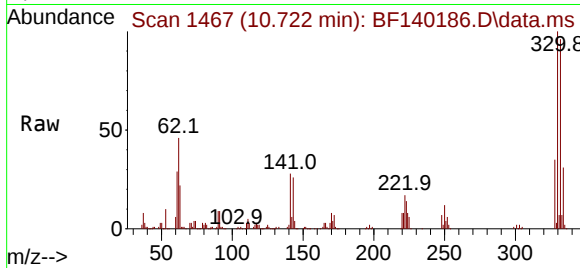
Tgt Ion:330 Resp: 358347

Ion Ratio Lower Upper

330 100

332 95.7 78.1 117.1

141 30.5 26.6 39.8



#45

2-Fluorobiphenyl

Concen: 102.631 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF140186.D

Acq: 31 Oct 2024 13:55

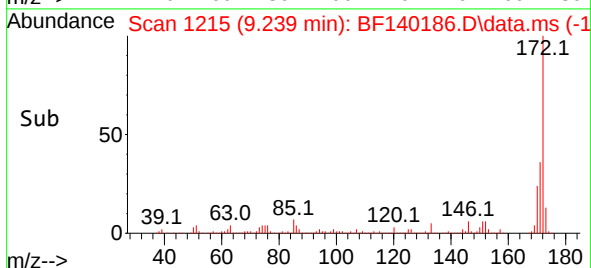
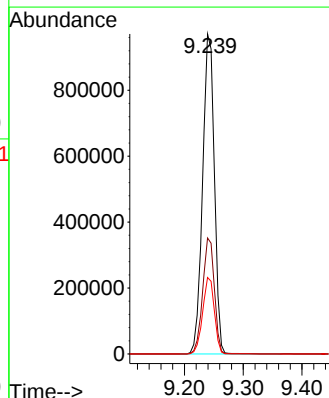
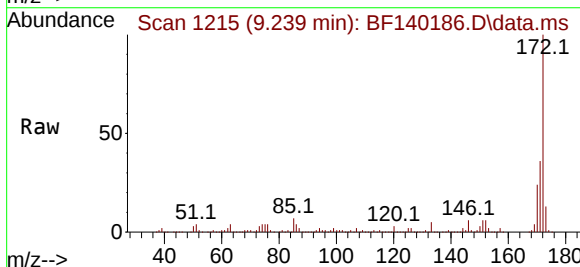
Tgt Ion:172 Resp: 1347457

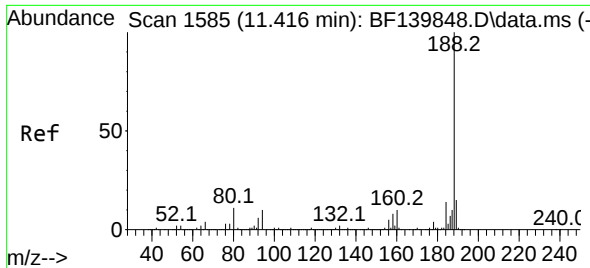
Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

170 23.9 19.1 28.7

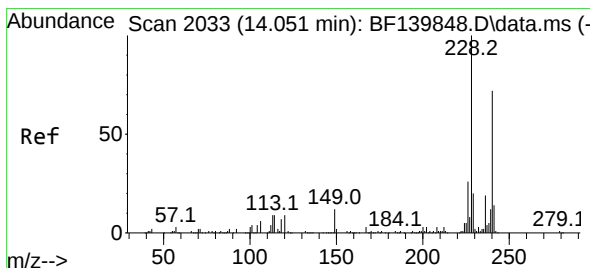
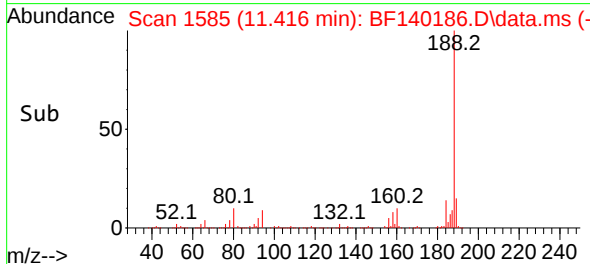
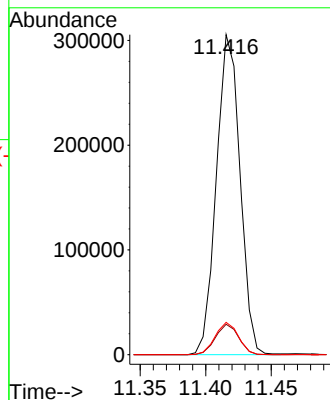
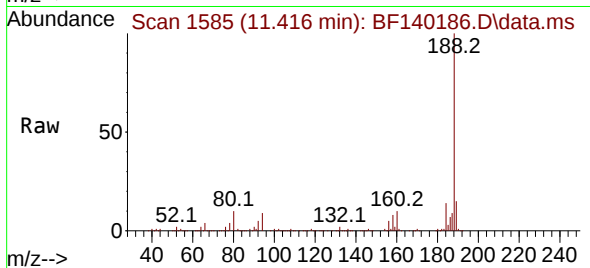




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

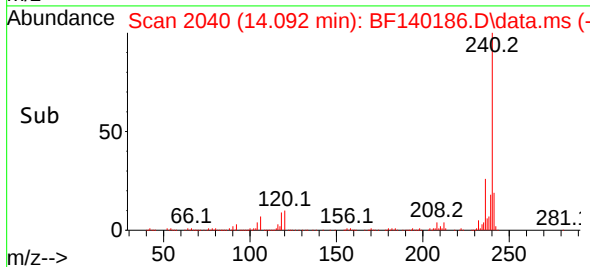
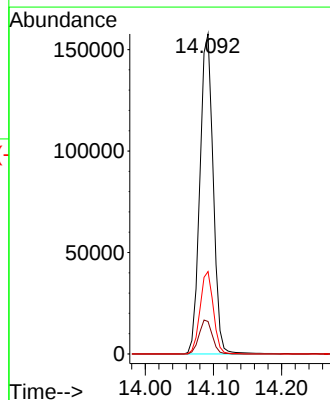
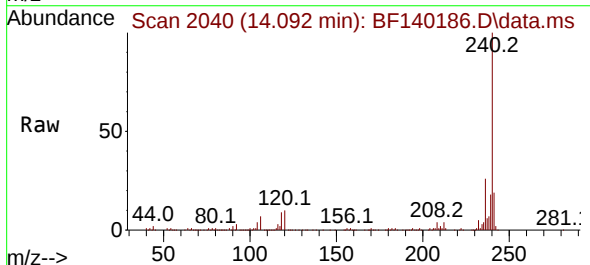
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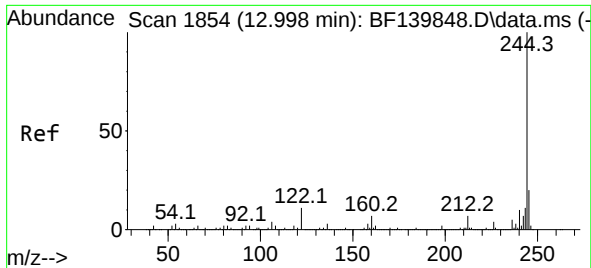
Tgt Ion:188 Resp: 382650
Ion Ratio Lower Upper
188 100
94 9.5 7.9 11.9
80 10.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.092 min Scan# 2040
Delta R.T. 0.041 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

Tgt Ion:240 Resp: 213542
Ion Ratio Lower Upper
240 100
120 10.2 9.4 14.2
236 25.8 20.9 31.3

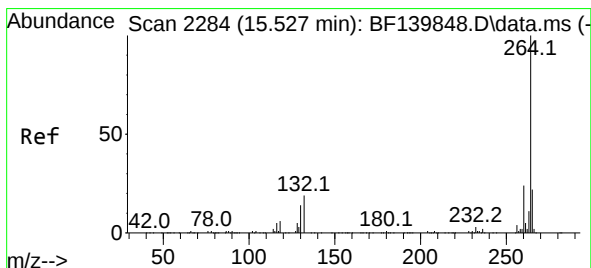
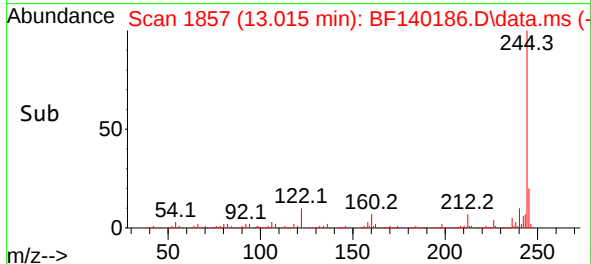
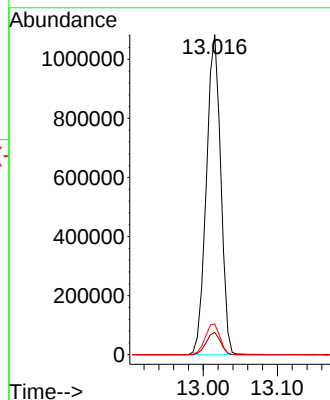
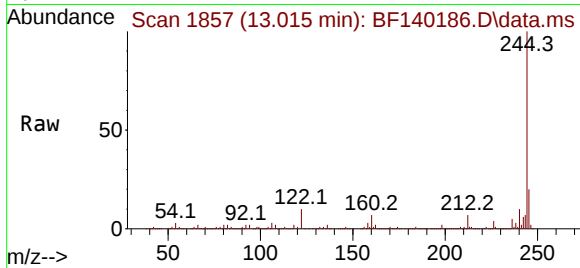




#79
Terphenyl-d14
Concen: 111.201 ng
RT: 13.015 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion:244 Resp: 1457276
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.6 8.6 13.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2302
Delta R.T. 0.106 min
Lab File: BF140186.D
Acq: 31 Oct 2024 13:55

Tgt Ion:264 Resp: 174560
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 21.7 17.4 26.0

