

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140389.D
Acq On : 15 Nov 2024 03:08
Operator : RC/JU
Sample : P4793-01 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M00-24-00345

Quant Time: Nov 15 04:06:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	114082	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	403396	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	181926	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	303753	20.000	ng	0.00
76) Chrysene-d12	14.063	240	153023	20.000	ng	0.01
86) Perylene-d12	15.574	264	139199	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1075	0.161	ng	0.02
7) Phenol-d6	6.528	99	2858	0.316	ng	0.02
23) Nitrobenzene-d5	7.434	82	2692	0.348	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	1633	0.903	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	11395	1.007	ng	0.00
79) Terphenyl-d14	12.992	244	9924	1.126	ng	0.00

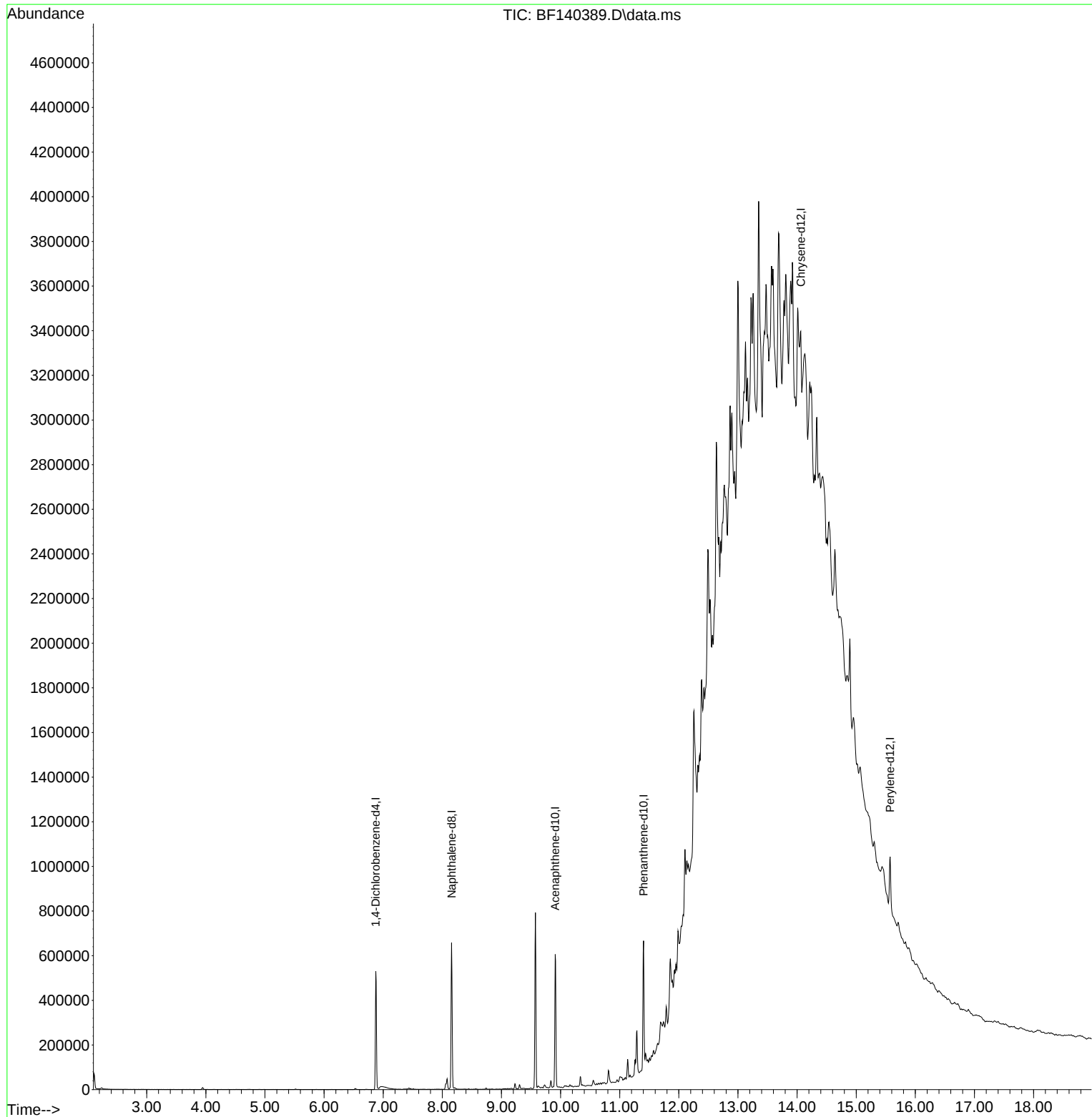
Target Compounds	Qvalue

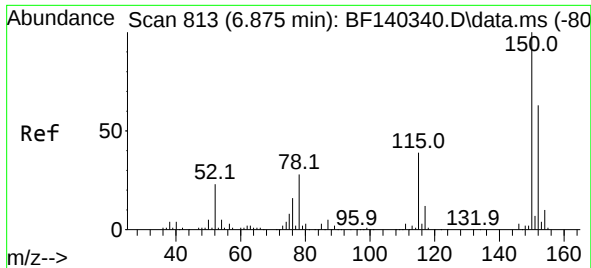
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140389.D
Acq On : 15 Nov 2024 03:08
Operator : RC/JU
Sample : P4793-01 50X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
M00-24-00345

Quant Time: Nov 15 04:06:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

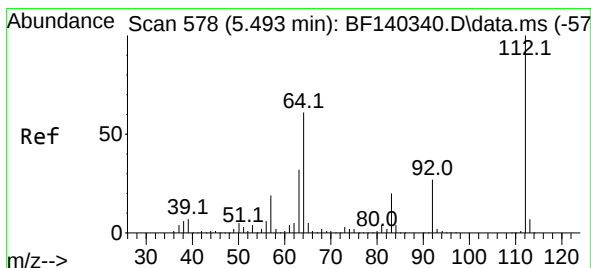
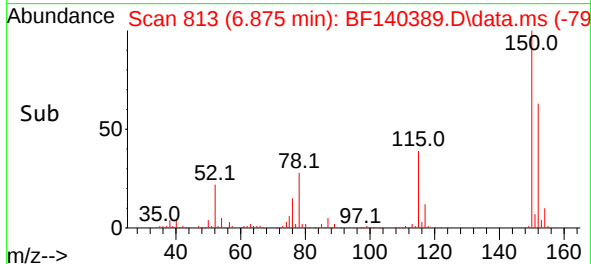
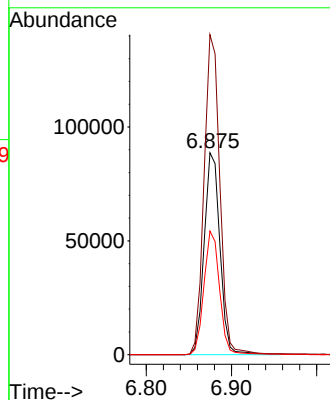
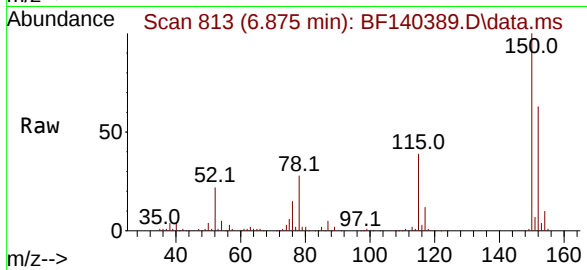




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140389.D
Acq: 15 Nov 2024 03:08

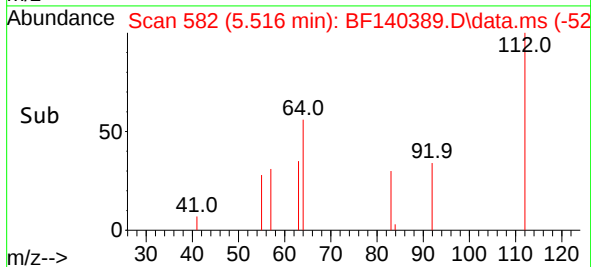
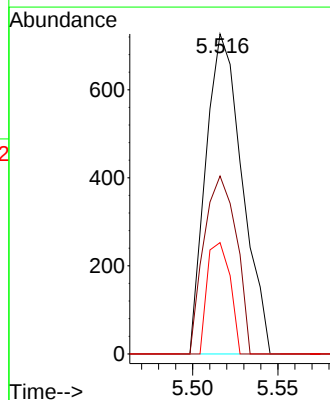
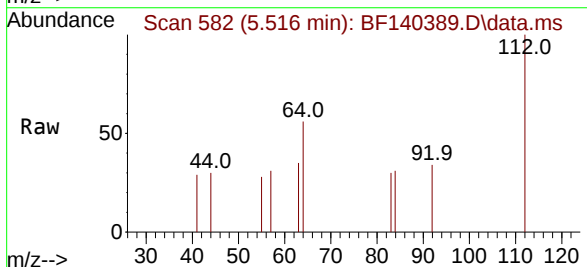
Instrument :
BNA_F
ClientSampleId :
M00-24-00345

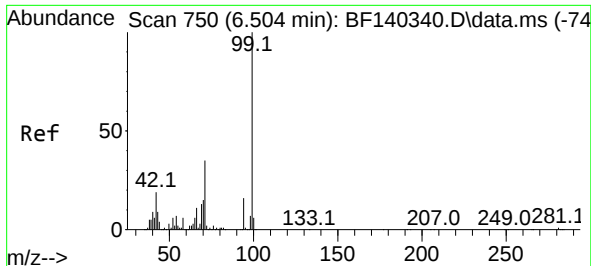
Tgt Ion:152 Resp: 114082
Ion Ratio Lower Upper
152 100
150 158.5 127.4 191.0
115 61.2 47.4 71.2



#5
2-Fluorophenol
Concen: 0.161 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF140389.D
Acq: 15 Nov 2024 03:08

Tgt Ion:112 Resp: 1075
Ion Ratio Lower Upper
112 100
64 55.6 49.2 73.8
63 34.8 25.6 38.4

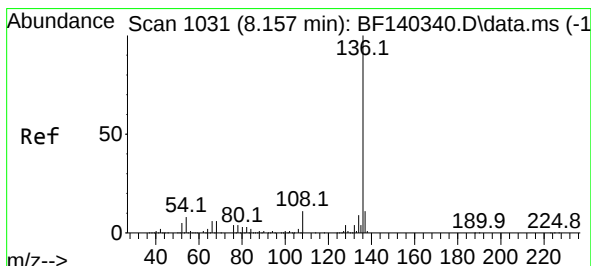
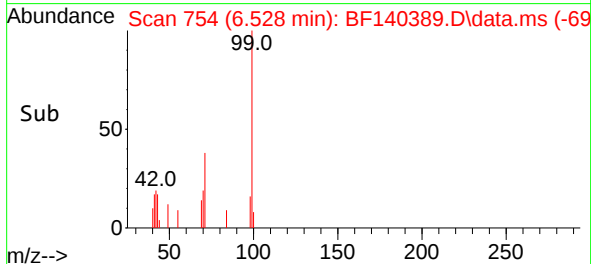
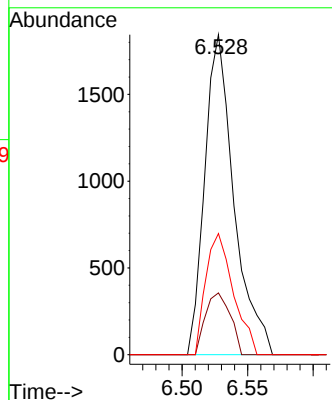
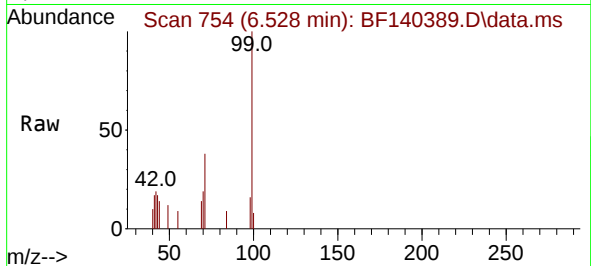




#7
Phenol-d6
Concen: 0.316 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.023 min
Lab File: BF140389.D
Acq: 15 Nov 2024 03:08

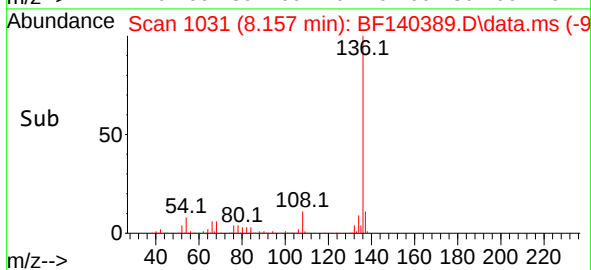
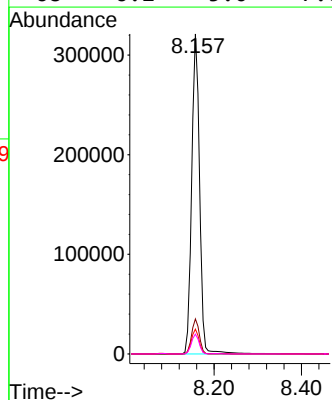
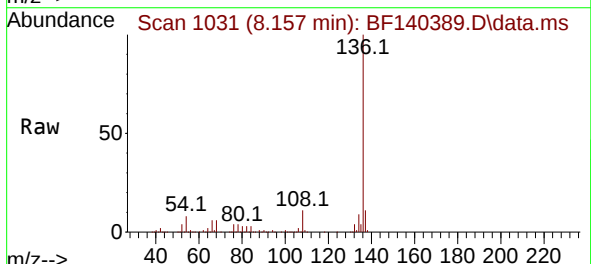
Instrument :
BNA_F
ClientSampleId :
M00-24-00345

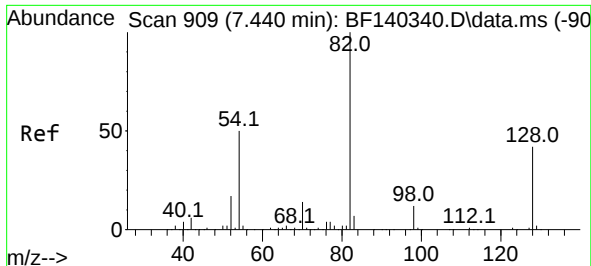
Tgt Ion: 99 Resp: 2858
Ion Ratio Lower Upper
99 100
42 19.3 15.1 22.7
71 37.9 27.9 41.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140389.D
Acq: 15 Nov 2024 03:08

Tgt Ion: 136 Resp: 403396
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 7.8 6.5 9.7
68 6.2 5.0 7.6

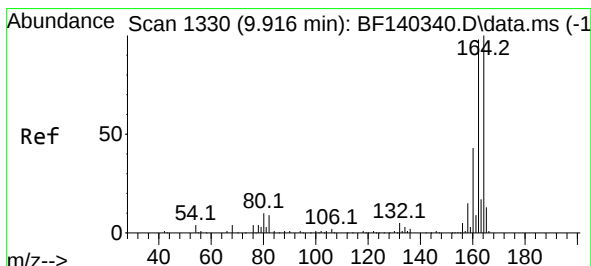
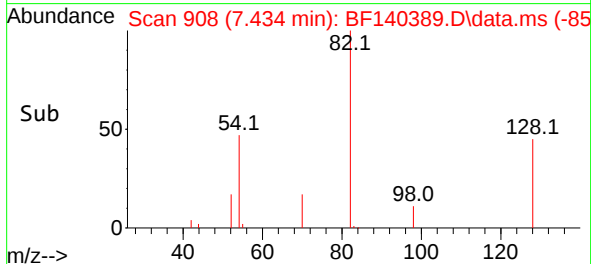
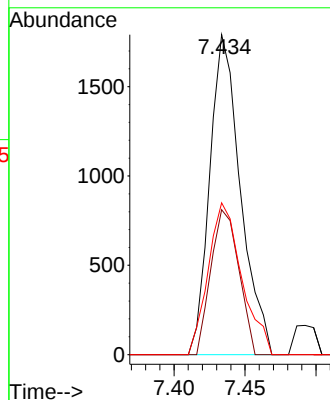
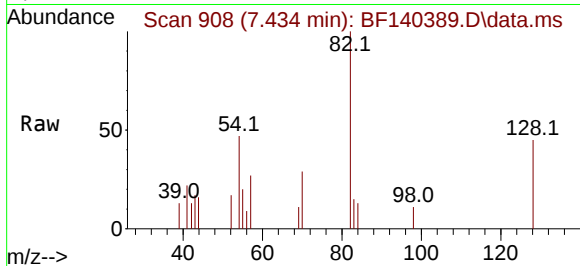




#23
Nitrobenzene-d5
Concen: 0.348 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140389.D
Acq: 15 Nov 2024 03:08

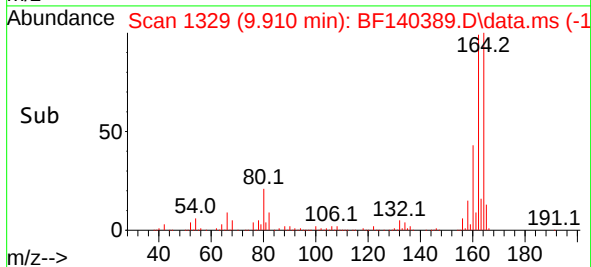
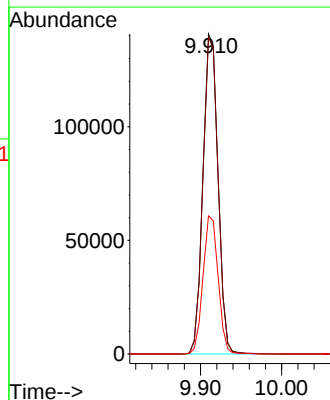
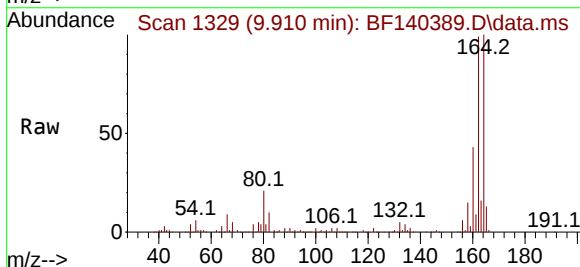
Instrument :
BNA_F
ClientSampleId :
M00-24-00345

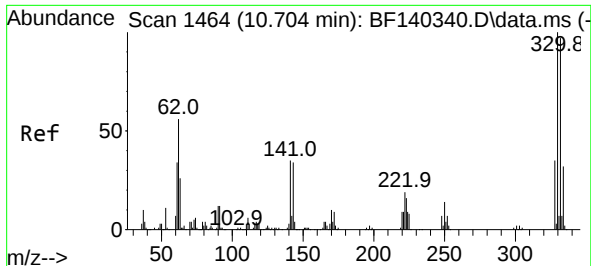
Tgt Ion: 82 Resp: 2692
Ion Ratio Lower Upper
82 100
128 45.3 33.3 49.9
54 47.5 39.8 59.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140389.D
Acq: 15 Nov 2024 03:08

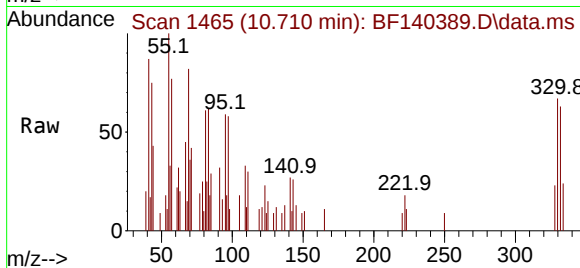
Tgt Ion:164 Resp: 181926
Ion Ratio Lower Upper
164 100
162 99.0 79.8 119.8
160 43.1 35.4 53.0





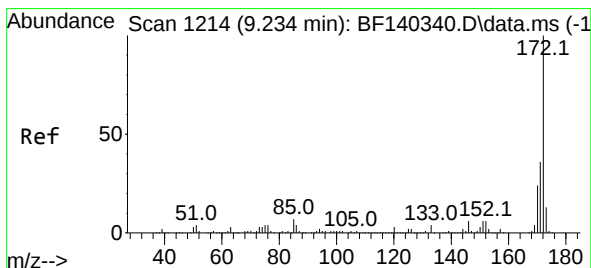
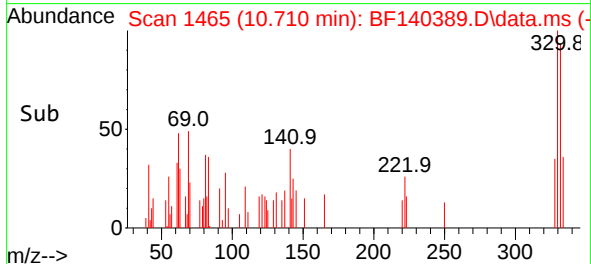
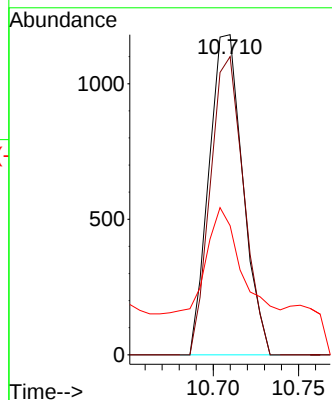
#42
2,4,6-Tribromophenol
Concen: 0.903 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140389.D
Acq: 15 Nov 2024 03:08

Instrument :
BNA_F
ClientSampleId :
M00-24-00345



Tgt Ion: 330 Resp: 1633

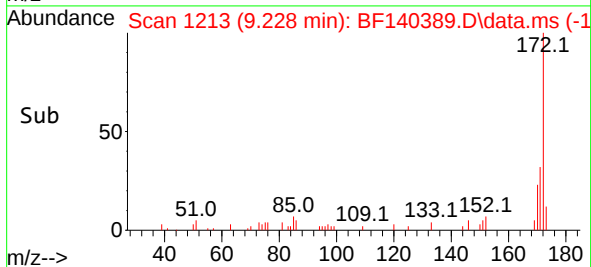
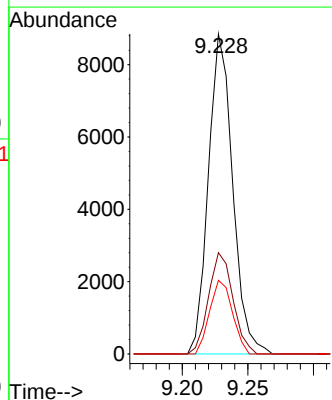
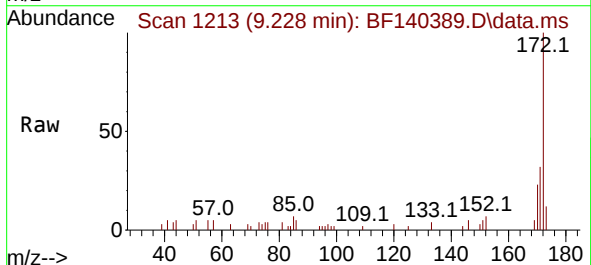
Ion	Ratio	Lower	Upper
330	100		
332	91.7	75.9	113.9
141	40.3	26.9	40.3

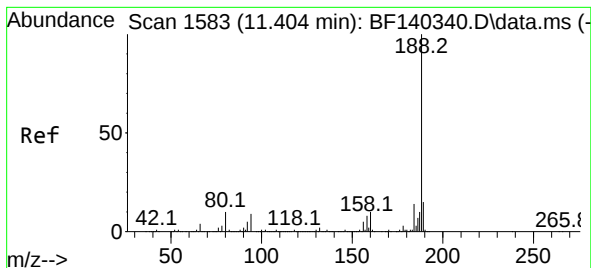


#45
2-Fluorobiphenyl
Concen: 1.007 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140389.D
Acq: 15 Nov 2024 03:08

Tgt Ion: 172 Resp: 11395

Ion	Ratio	Lower	Upper
172	100		
171	31.6	28.5	42.7
170	23.0	19.1	28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140389.D

Acq: 15 Nov 2024 03:08

Instrument :

BNA_F

ClientSampleId :

M00-24-00345

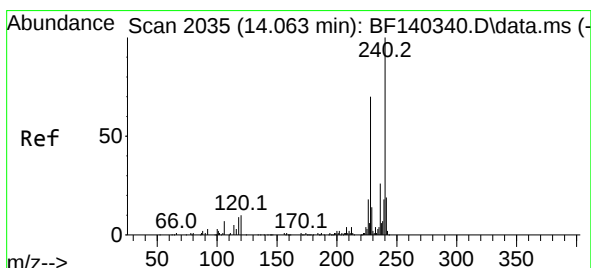
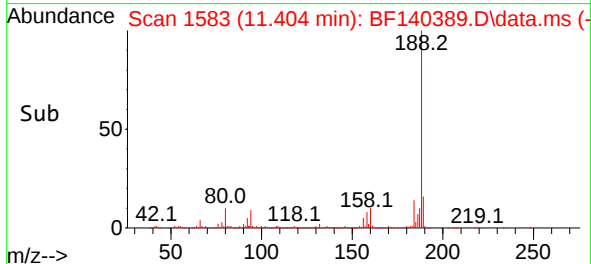
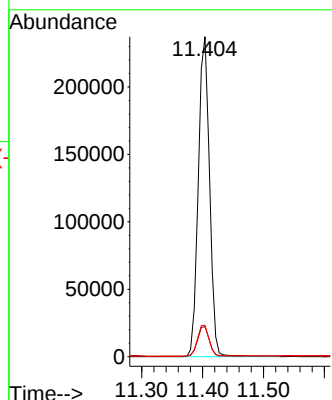
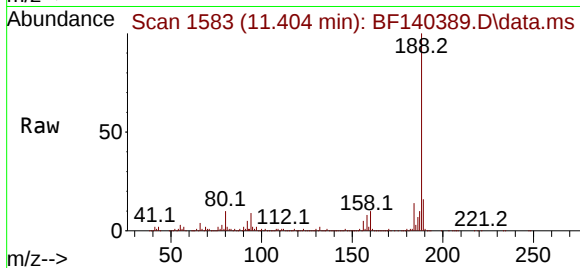
Tgt Ion:188 Resp: 303753

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 9.8 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.012 min

Lab File: BF140389.D

Acq: 15 Nov 2024 03:08

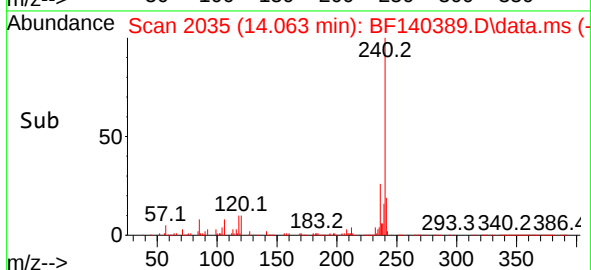
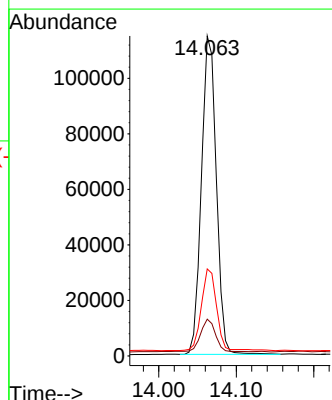
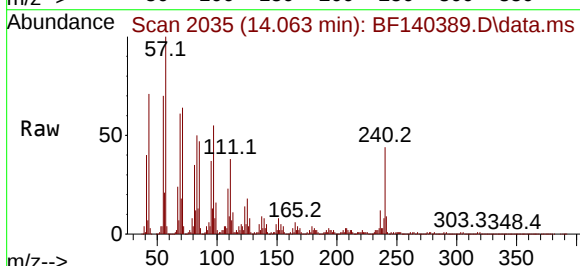
Tgt Ion:240 Resp: 153023

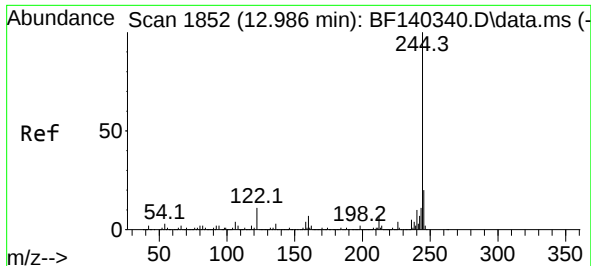
Ion Ratio Lower Upper

240 100

120 11.5 8.8 13.2

236 27.2 20.9 31.3

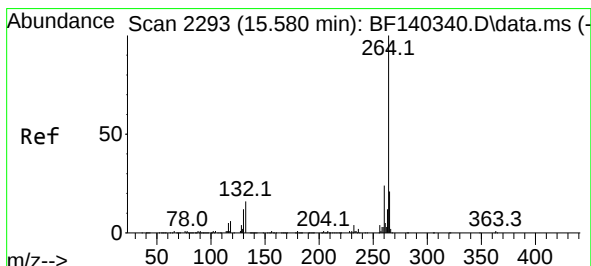
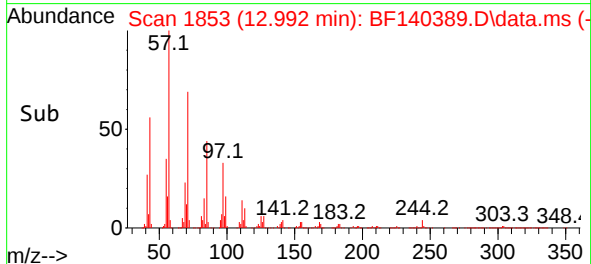
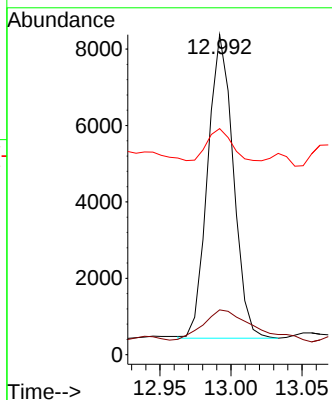
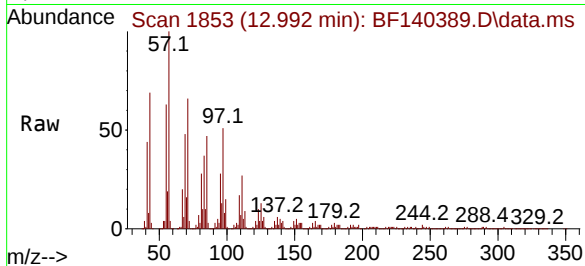




#79
 Terphenyl-d14
 Concen: 1.126 ng
 RT: 12.992 min Scan# 1853
 Delta R.T. 0.006 min
 Lab File: BF140389.D
 Acq: 15 Nov 2024 03:08

Instrument :
 BNA_F
 ClientSampleId :
 M00-24-00345

Tgt Ion:244 Resp: 9924
 Ion Ratio Lower Upper
 244 100
 212 14.0 5.8 8.8#
 122 70.7 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.574 min Scan# 2292
 Delta R.T. 0.018 min
 Lab File: BF140389.D
 Acq: 15 Nov 2024 03:08

Tgt Ion:264 Resp: 139199
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 22.0 17.1 25.7

