

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140503.D
 Acq On : 20 Nov 2024 16:58
 Operator : RC/JU
 Sample : P4849-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RR-1

Quant Time: Nov 20 17:28:58 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	102192	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	367263	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	188972	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	319183	20.000	ng	0.00
76) Chrysene-d12	14.045	240	213543	20.000	ng	0.00
86) Perylene-d12	15.539	264	212385	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	843972	141.008	ng	0.02
7) Phenol-d6	6.516	99	1061662	130.922	ng	0.01
23) Nitrobenzene-d5	7.434	82	706041	100.164	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	282746	150.463	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1242165	105.668	ng	0.00
79) Terphenyl-d14	12.980	244	1183806	96.226	ng	0.00

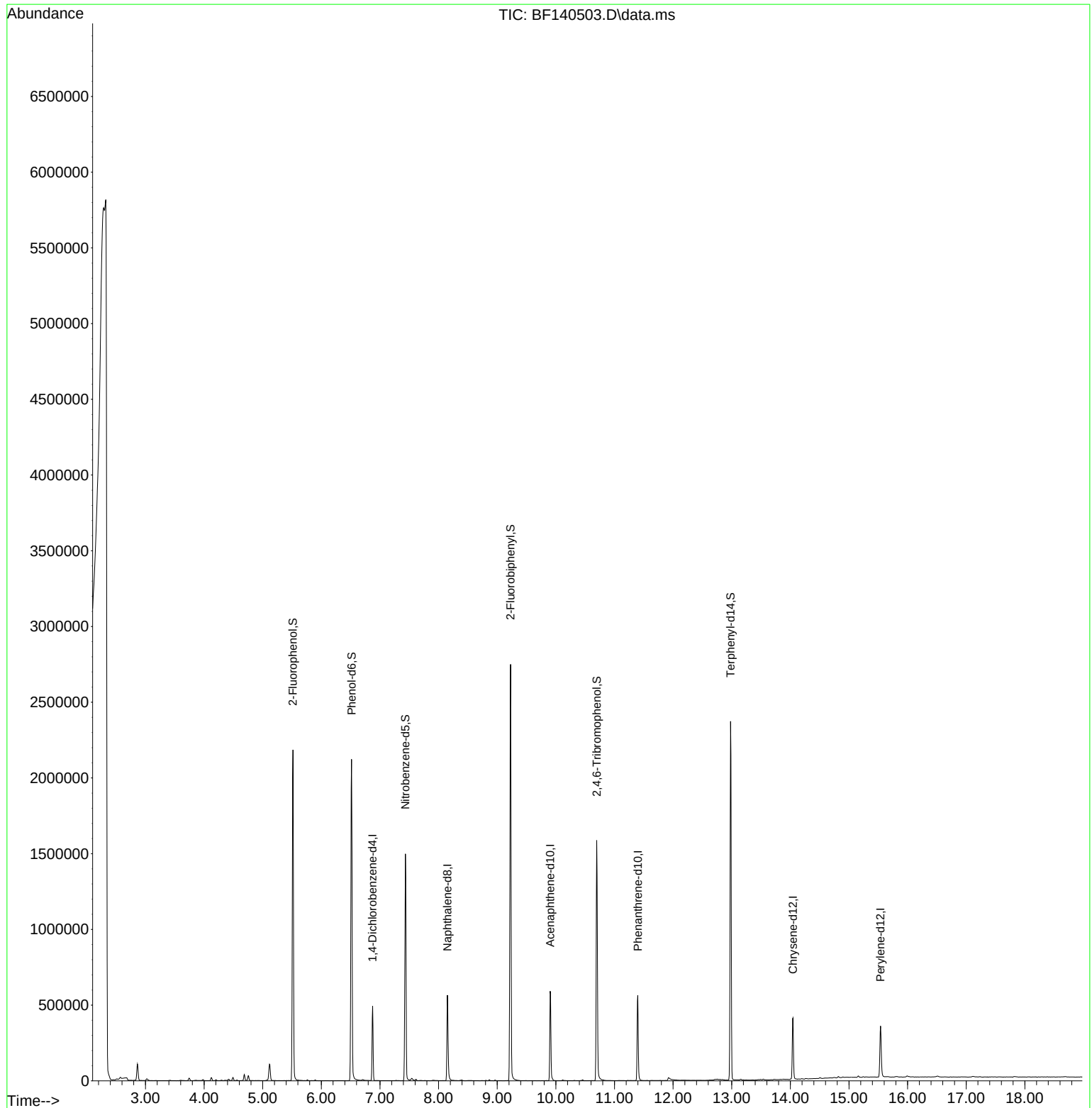
Target Compounds	Qvalue

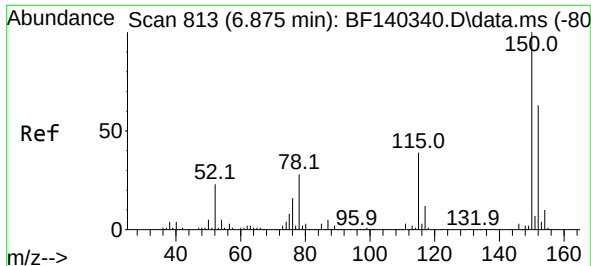
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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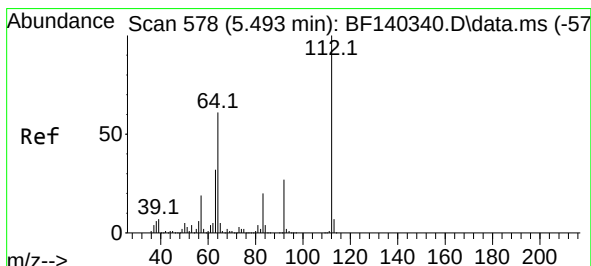
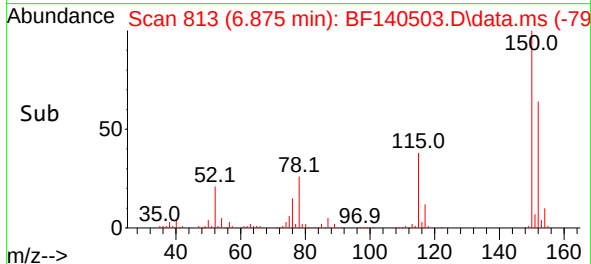
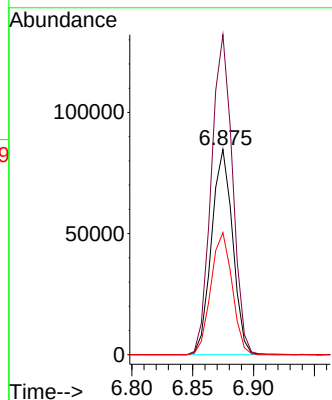
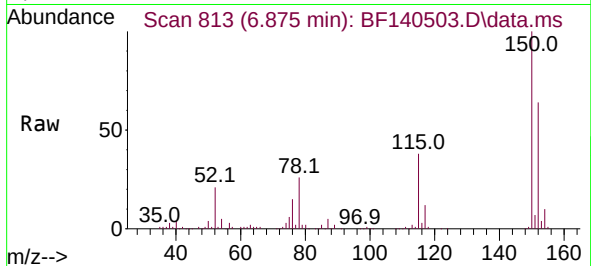




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

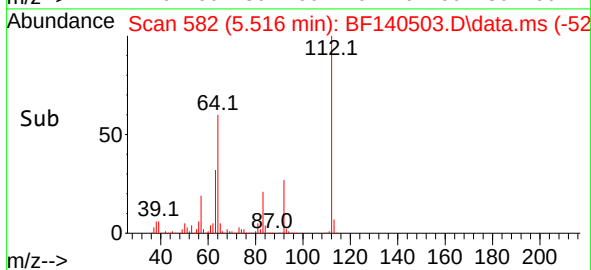
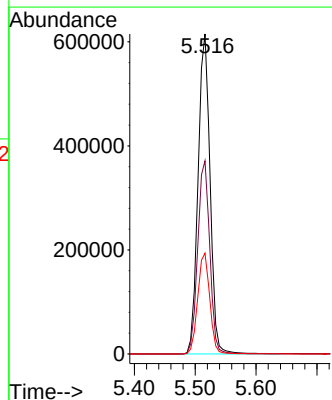
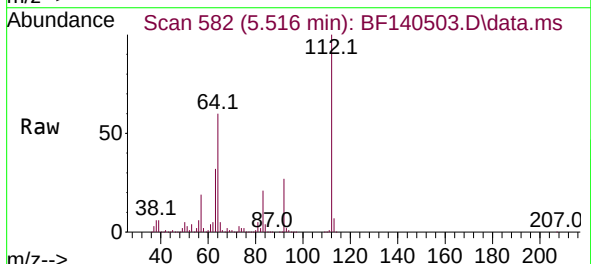
Instrument :
BNA_F
ClientSampleId :
RR-1

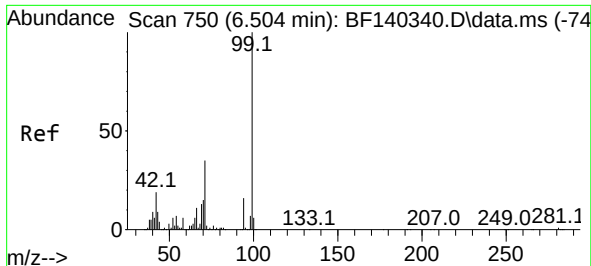
Tgt Ion:152 Resp: 102192
Ion Ratio Lower Upper
152 100
150 155.9 127.4 191.0
115 59.5 47.4 71.2



#5
2-Fluorophenol
Concen: 141.008 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.023 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

Tgt Ion:112 Resp: 843972
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 31.5 25.6 38.4



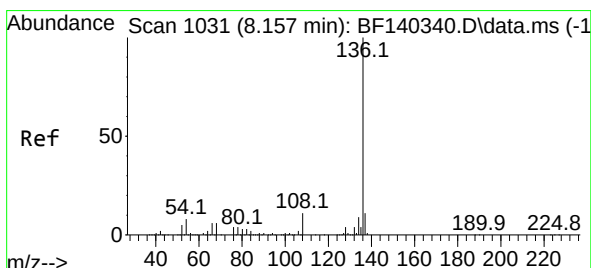
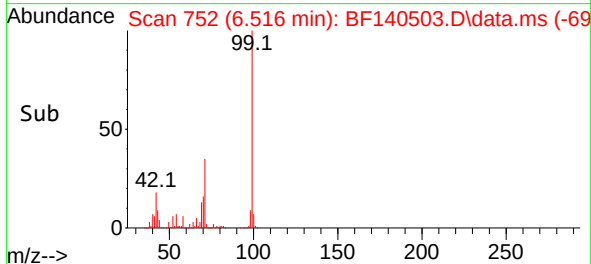
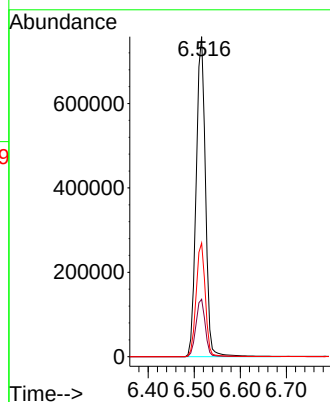
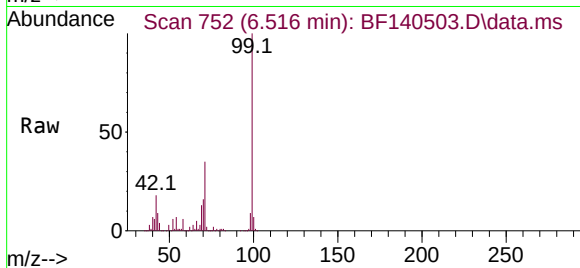


#7
Phenol-d6
Concen: 130.922 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

Instrument :
BNA_F
ClientSampleId :
RR-1

Tgt Ion: 99 Resp: 1061662

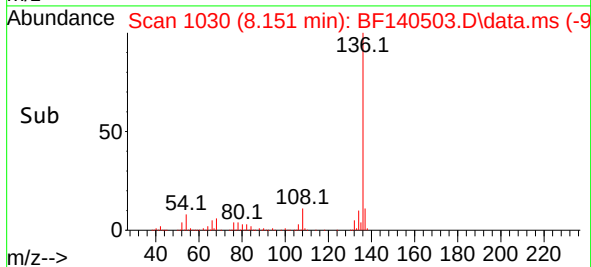
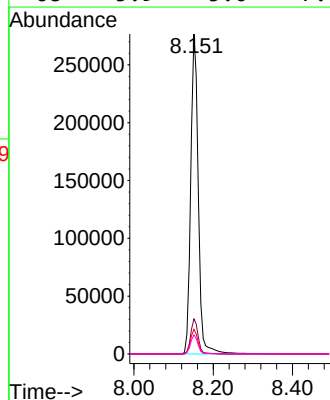
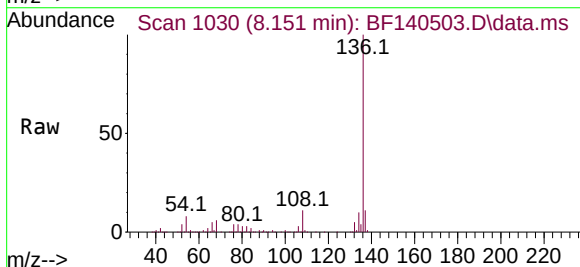
Ion	Ratio	Lower	Upper
99	100		
42	17.9	15.1	22.7
71	35.5	27.9	41.9

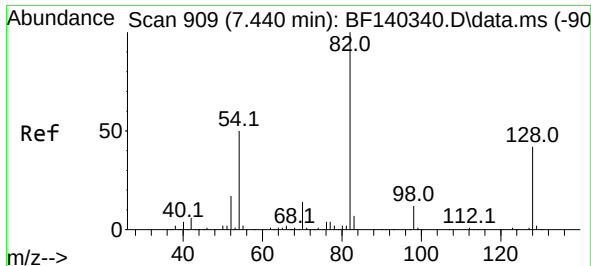


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

Tgt Ion: 136 Resp: 367263

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.7	6.5	9.7
68	5.9	5.0	7.6

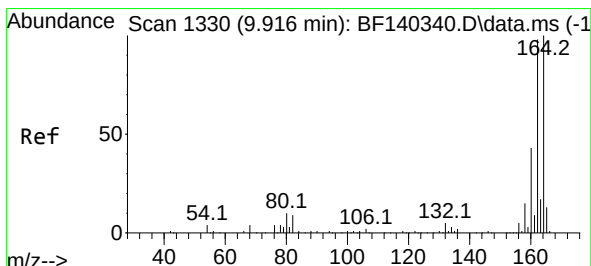
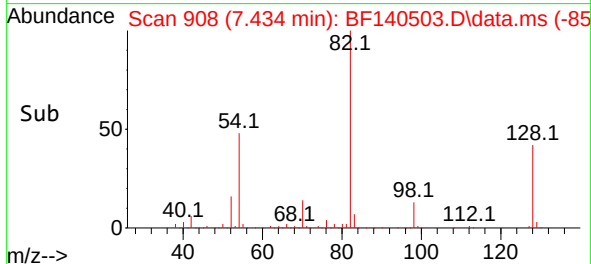
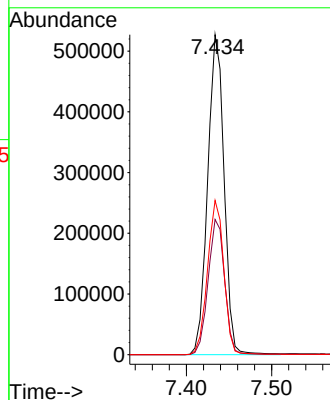
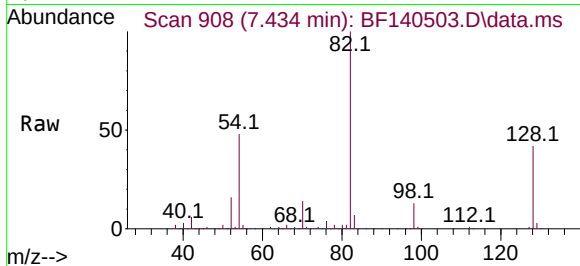




#23
Nitrobenzene-d5
Concen: 100.164 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

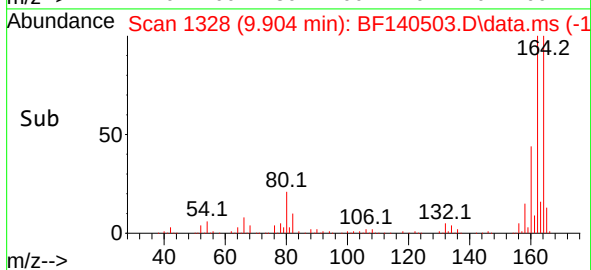
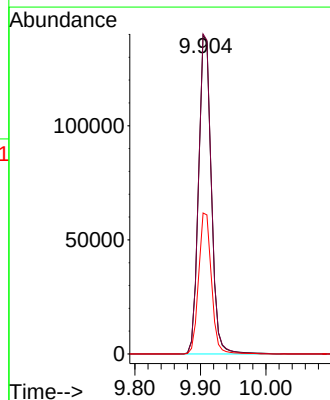
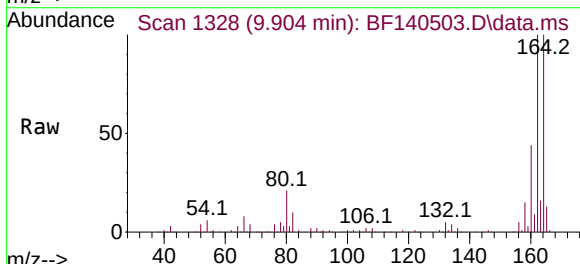
Instrument :
BNA_F
ClientSampleId :
RR-1

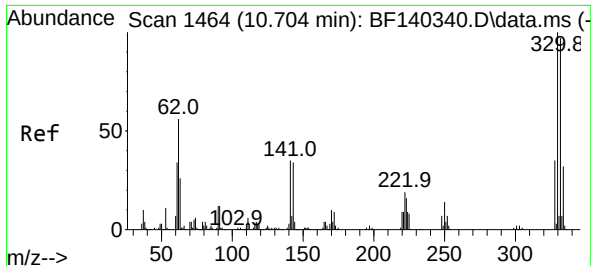
Tgt Ion: 82 Resp: 706041
Ion Ratio Lower Upper
82 100
128 42.2 33.3 49.9
54 48.2 39.8 59.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

Tgt Ion:164 Resp: 188972
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 150.463 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140503.D

Acq: 20 Nov 2024 16:58

Instrument :

BNA_F

ClientSampleId :

RR-1

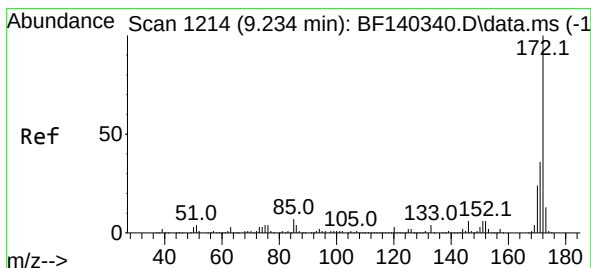
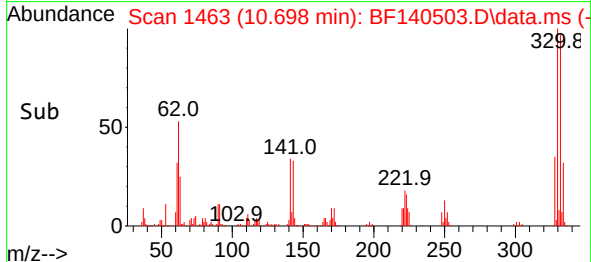
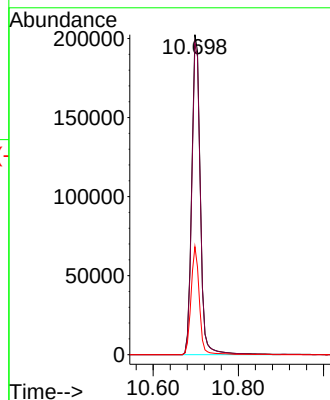
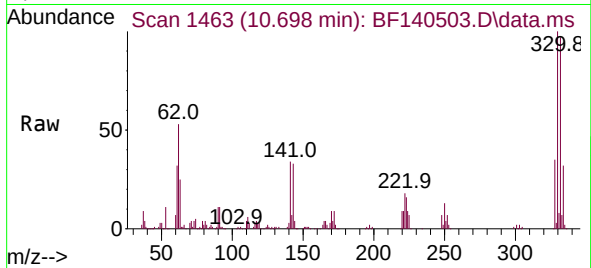
Tgt Ion:330 Resp: 282746

Ion Ratio Lower Upper

330 100

332 97.4 75.9 113.9

141 32.7 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 105.668 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140503.D

Acq: 20 Nov 2024 16:58

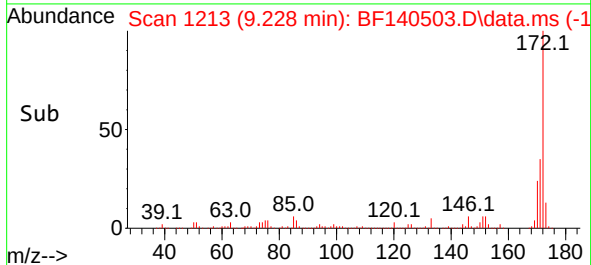
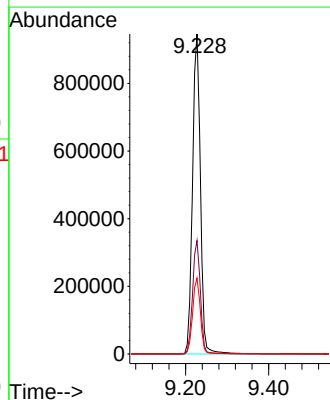
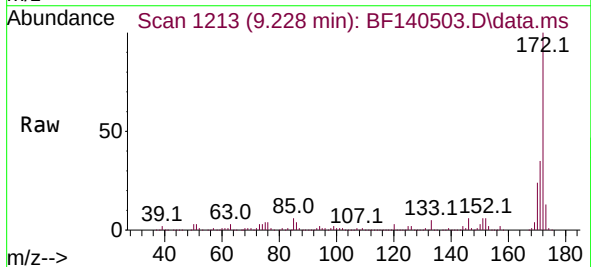
Tgt Ion:172 Resp: 1242165

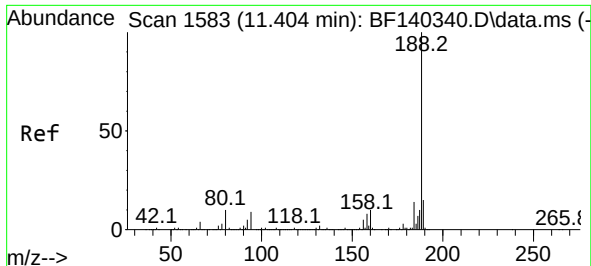
Ion Ratio Lower Upper

172 100

171 35.5 28.5 42.7

170 23.8 19.1 28.7

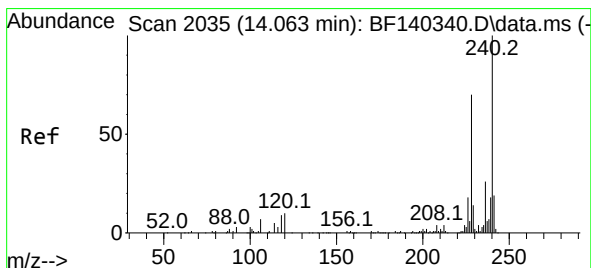
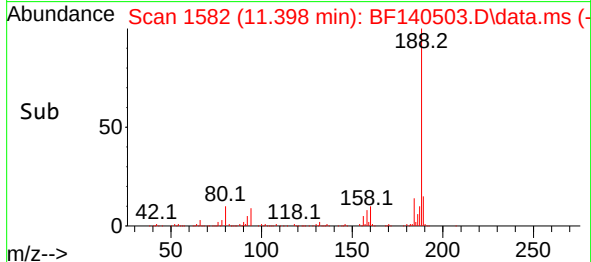
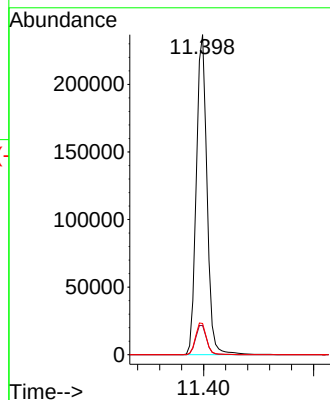
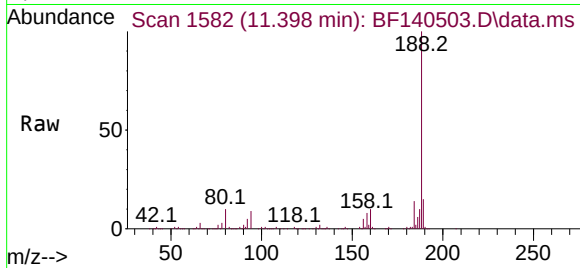




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11398
Delta R.T. -0.006 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

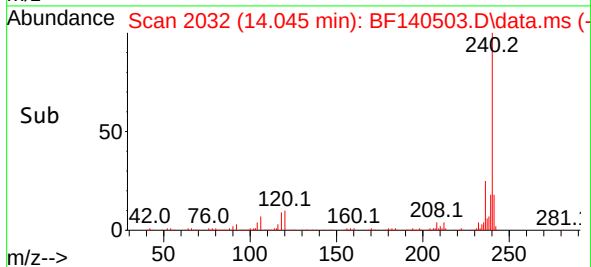
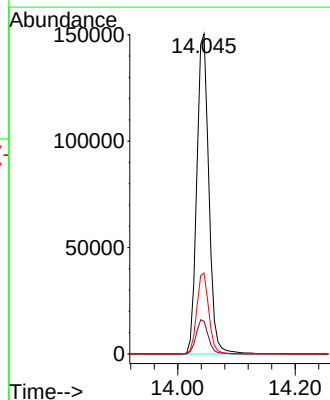
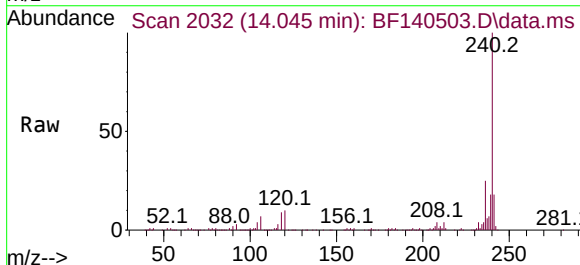
Instrument :
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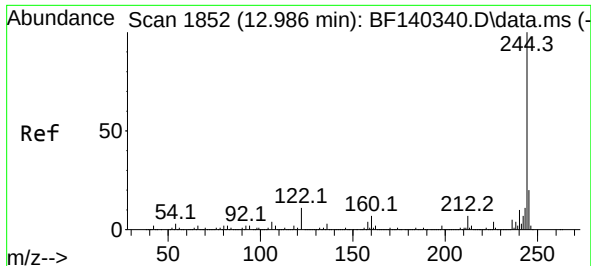
Tgt Ion:188 Resp: 319183
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140503.D
Acq: 20 Nov 2024 16:58

Tgt Ion:240 Resp: 213543
Ion Ratio Lower Upper
240 100
120 10.2 8.8 13.2
236 25.3 20.9 31.3

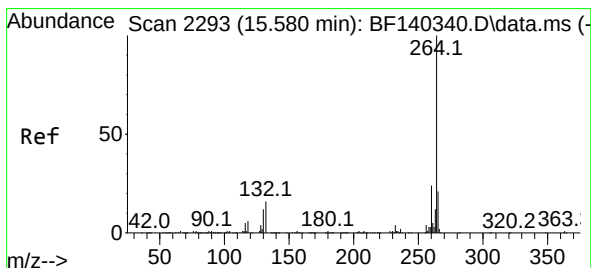
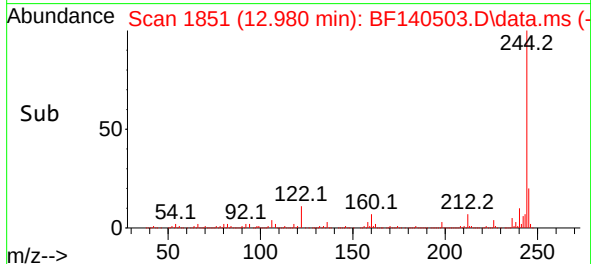
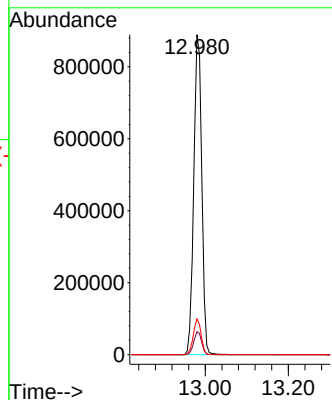
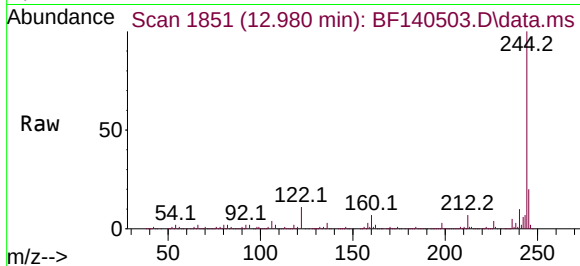




#79
 Terphenyl-d14
 Concen: 96.226 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140503.D
 Acq: 20 Nov 2024 16:58

Instrument :
 BNA_F
 ClientSampleId :
 RR-1

Tgt Ion:244 Resp: 1183806
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. -0.018 min
 Lab File: BF140503.D
 Acq: 20 Nov 2024 16:58

Tgt Ion:264 Resp: 212385
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.6 17.1 25.7

