

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140547.D
 Acq On : 21 Nov 2024 20:33
 Operator : RC/JU
 Sample : P4929-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ARS520

Quant Time: Nov 22 00:11:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

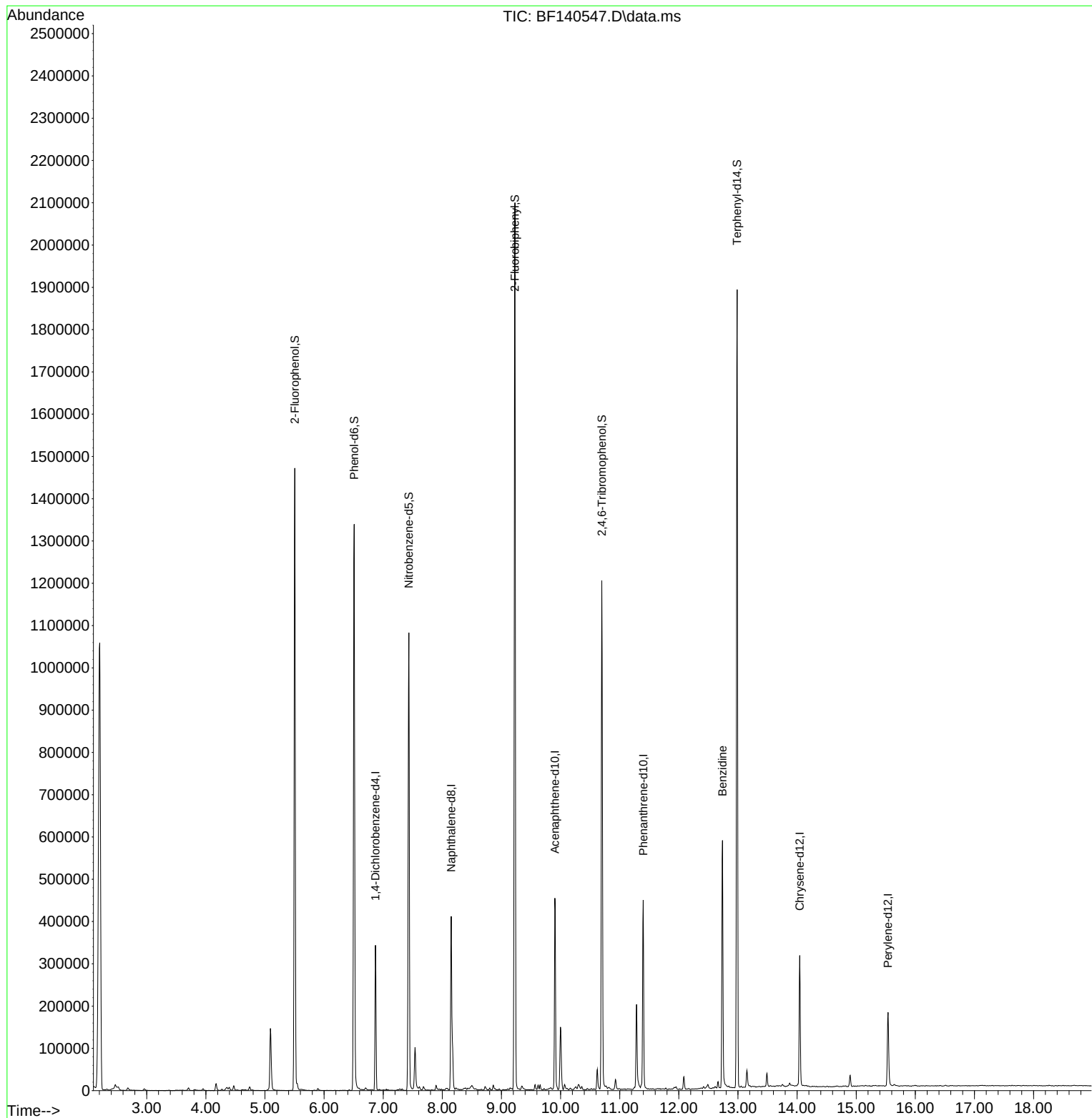
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	70395	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	261239	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	136487	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	239249	20.000	ng	0.00
76) Chrysene-d12	14.045	240	146931	20.000	ng	0.00
86) Perylene-d12	15.539	264	112070	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	546926	132.562	ng	0.00
7) Phenol-d6	6.510	99	635517	116.514	ng	0.00
23) Nitrobenzene-d5	7.433	82	505645	99.005	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	207450	142.115	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	937035	102.290	ng	0.00
79) Terphenyl-d14	12.986	244	921933	97.704	ng	0.00
Target Compounds						
77) Benzidine	12.739	184	328479	76.892	ng	Qvalue 99

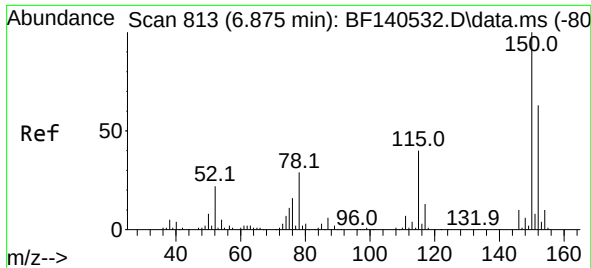
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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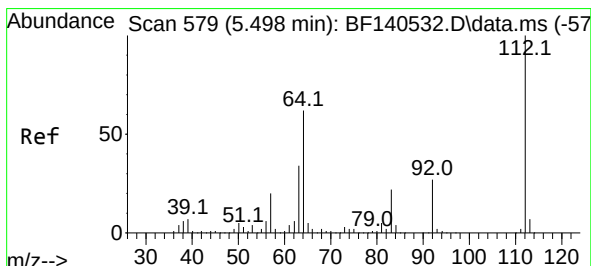
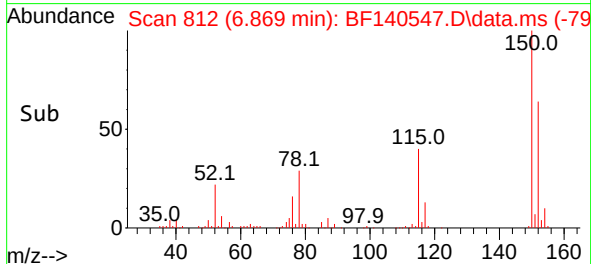
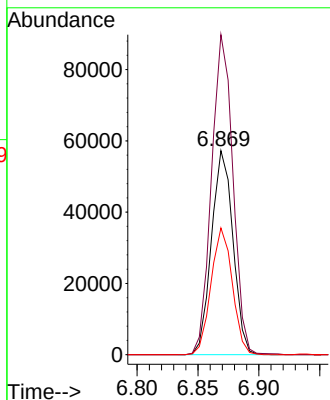
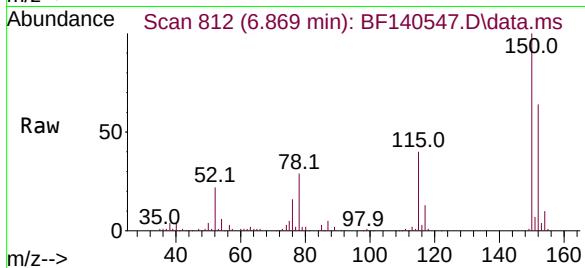




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

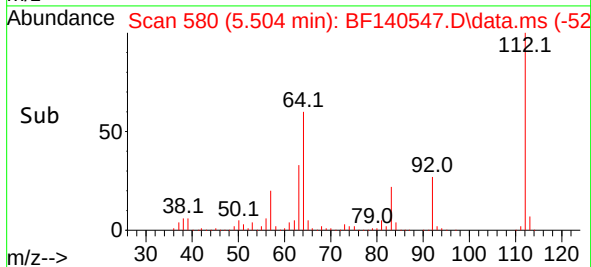
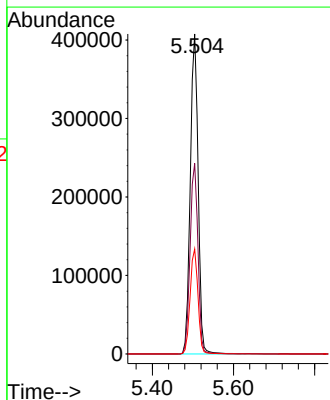
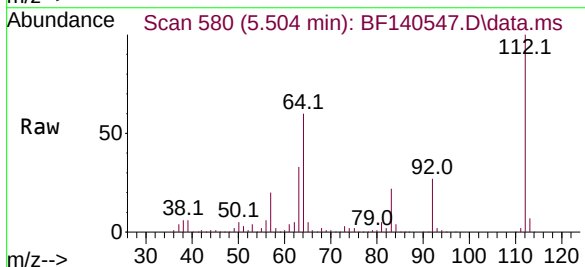
Instrument :
BNA_F
ClientSampleId :
ARS520

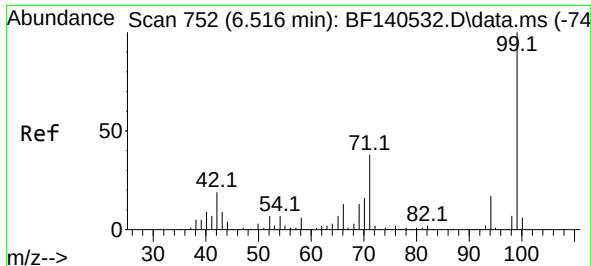
Tgt Ion:152 Resp: 70395
Ion Ratio Lower Upper
152 100
150 156.9 128.5 192.7
115 62.1 50.2 75.4



#5
2-Fluorophenol
Concen: 132.562 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

Tgt Ion:112 Resp: 546926
Ion Ratio Lower Upper
112 100
64 59.6 49.2 73.8
63 32.8 27.0 40.4

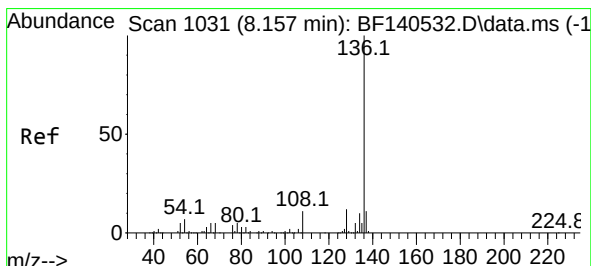
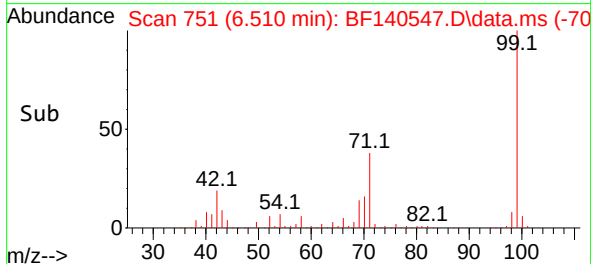
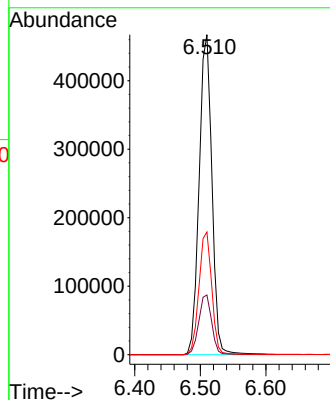
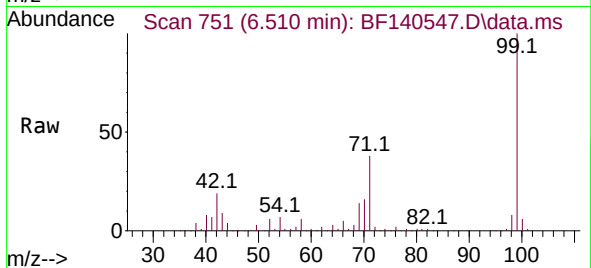




#7
Phenol-d6
Concen: 116.514 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

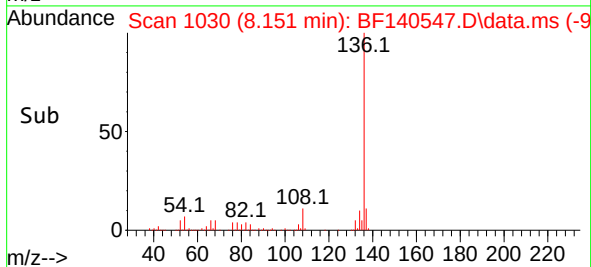
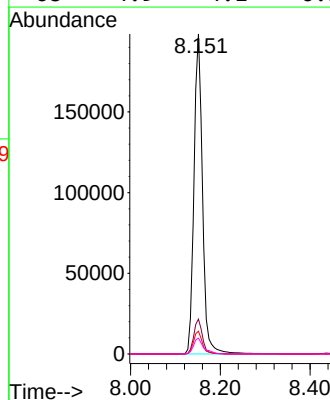
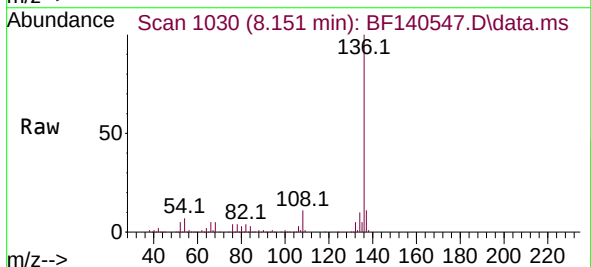
Instrument :
BNA_F
ClientSampleId :
ARS520

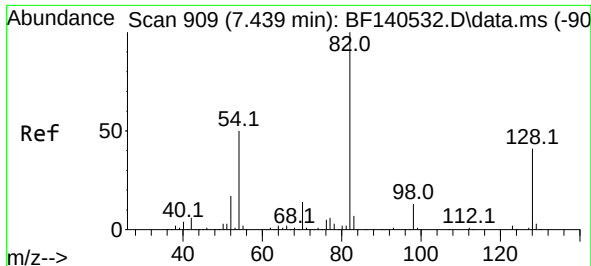
Tgt Ion: 99 Resp: 635517
Ion Ratio Lower Upper
99 100
42 18.7 15.4 23.0
71 38.4 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

Tgt Ion: 136 Resp: 261239
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.1 5.8 8.8
68 4.9 4.1 6.1

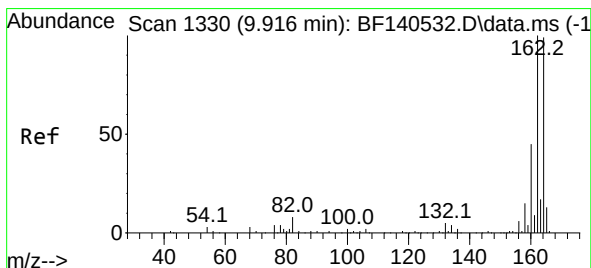
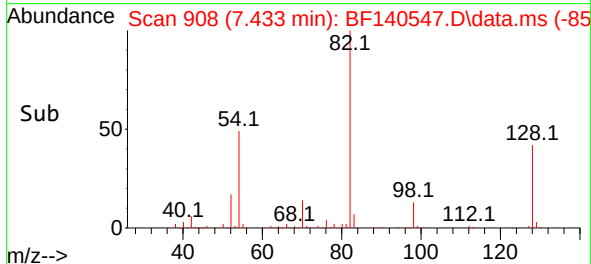
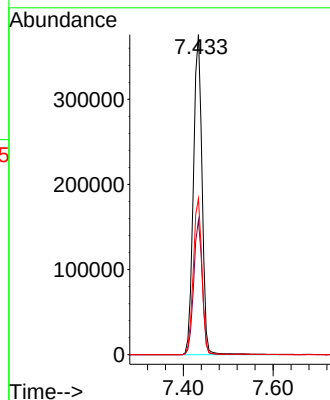
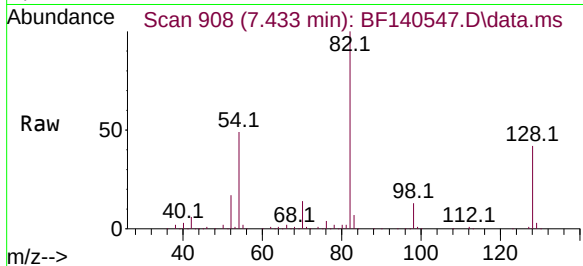




#23
Nitrobenzene-d5
Concen: 99.005 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

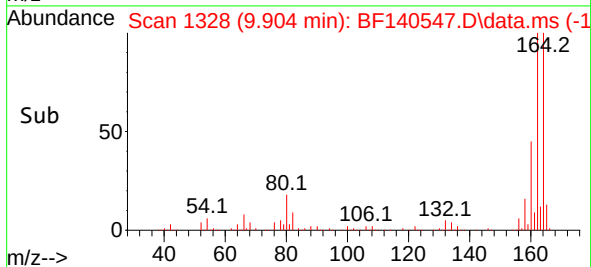
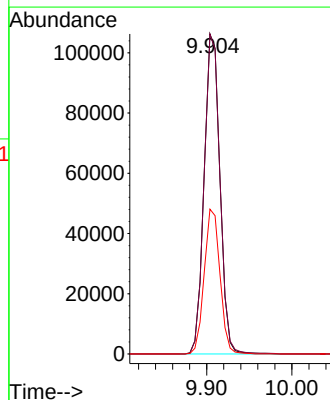
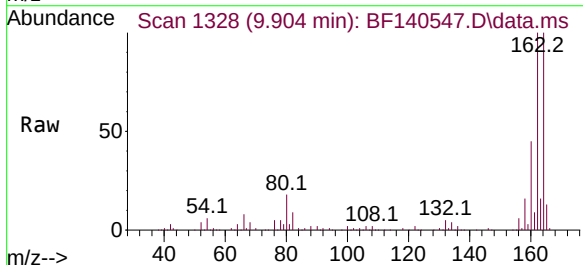
Instrument :
BNA_F
ClientSampleId :
ARS520

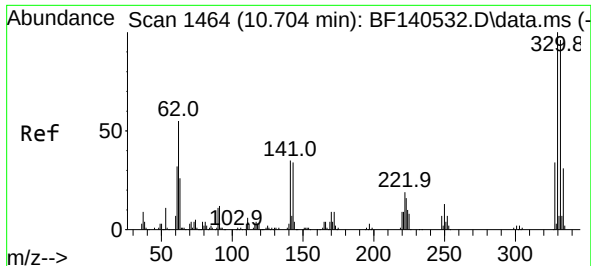
Tgt Ion: 82 Resp: 505645
Ion Ratio Lower Upper
82 100
128 42.1 33.0 49.4
54 48.8 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

Tgt Ion:164 Resp: 136487
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 45.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 142.115 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140547.D

Acq: 21 Nov 2024 20:33

Instrument :

BNA_F

ClientSampleId :

ARS520

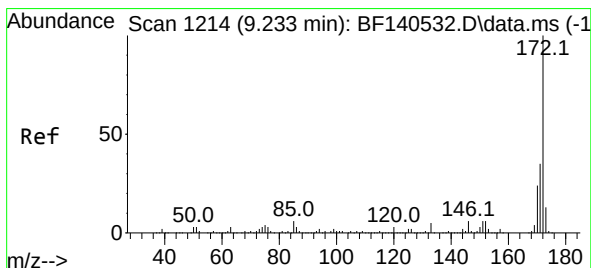
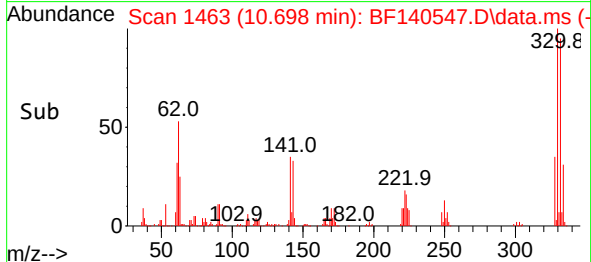
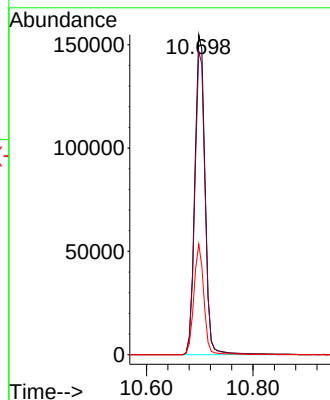
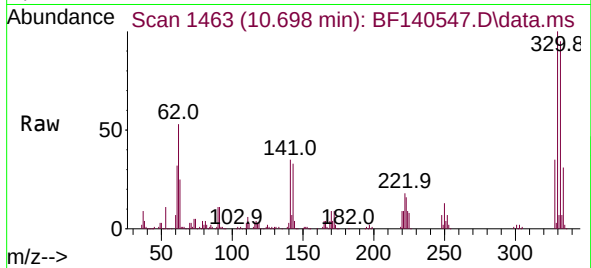
Tgt Ion:330 Resp: 207450

Ion Ratio Lower Upper

330 100

332 95.0 76.9 115.3

141 33.5 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 102.290 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140547.D

Acq: 21 Nov 2024 20:33

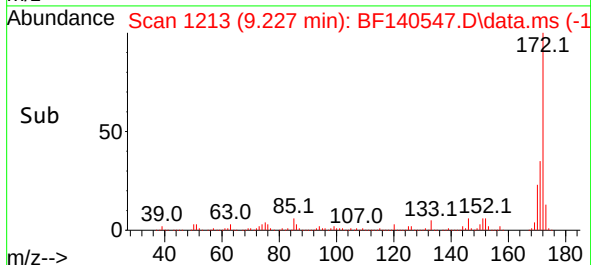
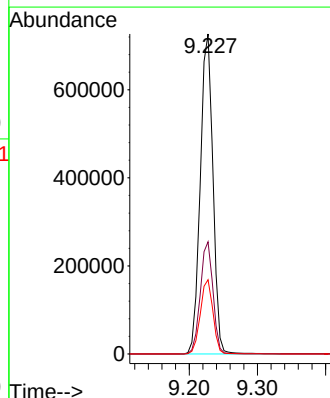
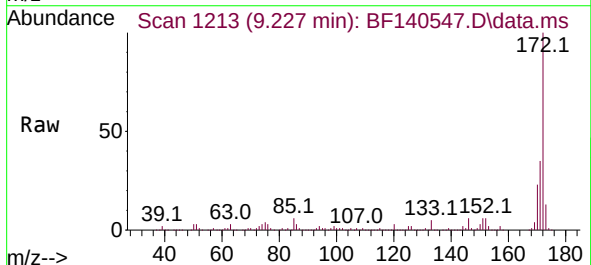
Tgt Ion:172 Resp: 937035

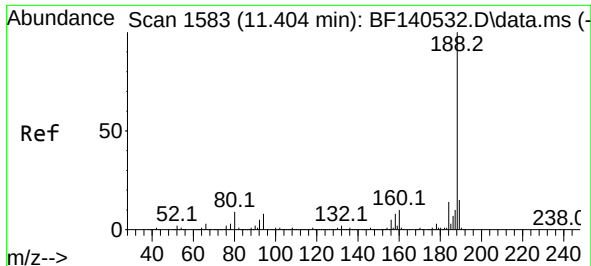
Ion Ratio Lower Upper

172 100

171 35.1 28.4 42.6

170 23.2 19.0 28.6

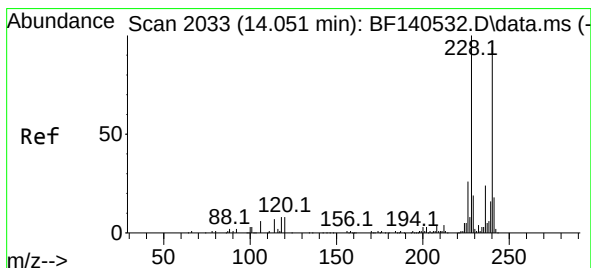
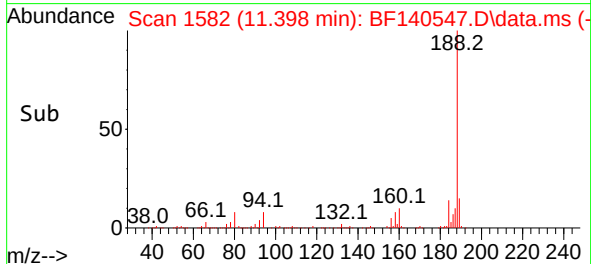
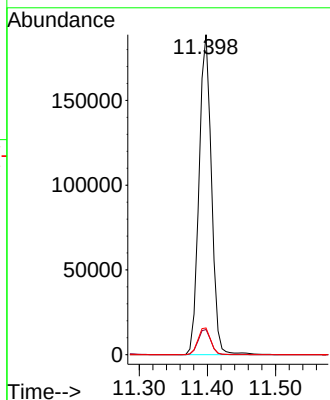
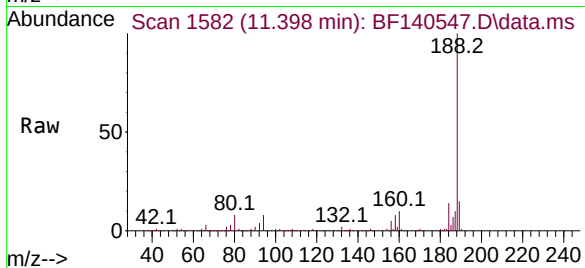




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

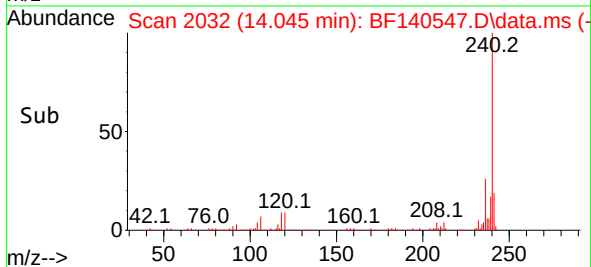
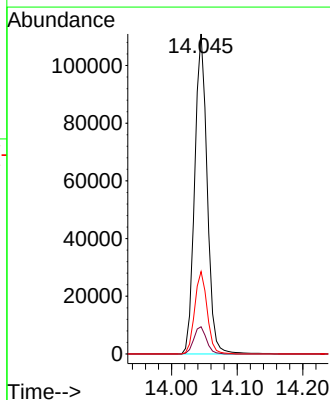
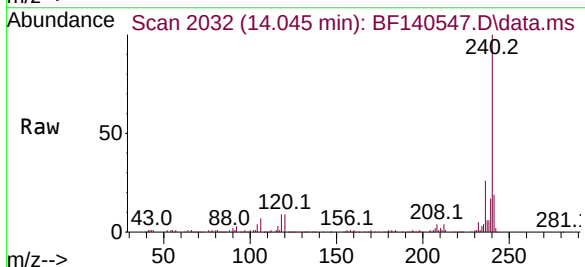
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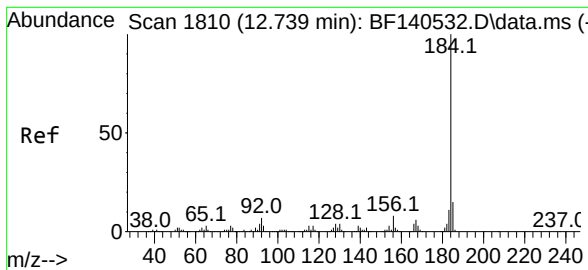
Tgt Ion:188 Resp: 239249
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

Tgt Ion:240 Resp: 146931
Ion Ratio Lower Upper
240 100
120 8.5 7.3 10.9
236 25.7 20.6 31.0

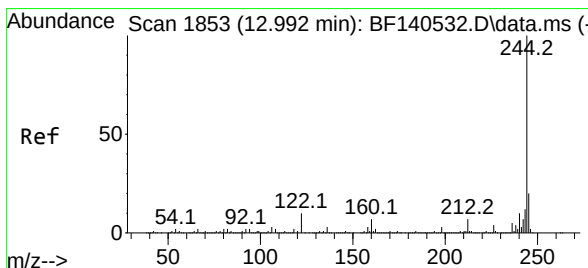
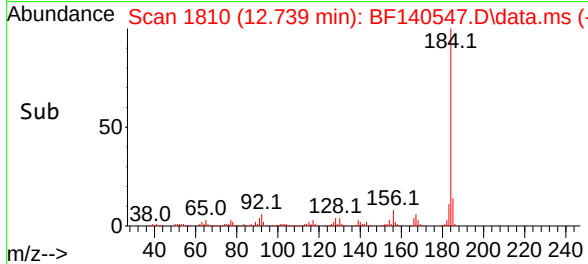
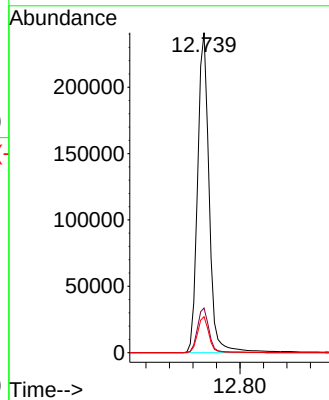
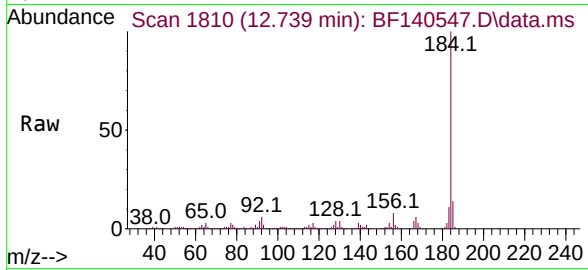




#77
Benzidine
Concen: 76.892 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

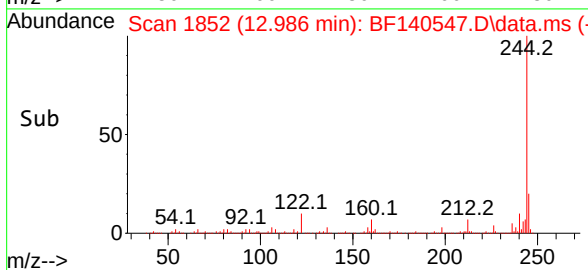
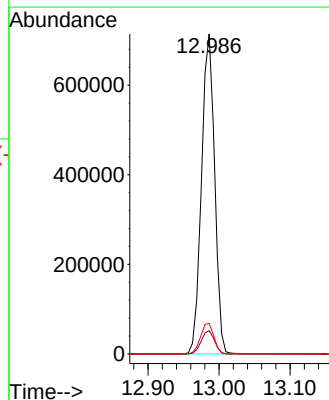
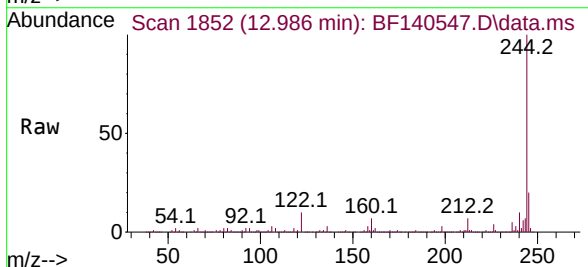
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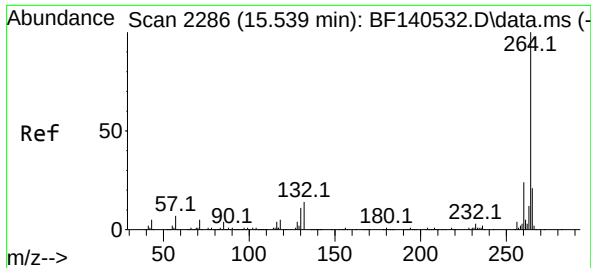
Tgt Ion:184 Resp: 328479
Ion Ratio Lower Upper
184 100
185 13.9 11.7 17.5
183 11.2 8.8 13.2



#79
Terphenyl-d14
Concen: 97.704 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140547.D
Acq: 21 Nov 2024 20:33

Tgt Ion:244 Resp: 921933
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 9.6 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF140547.D
 Acq: 21 Nov 2024 20:33

Instrument :
 BNA_F
 ClientSampleId :
 ARS520

Tgt Ion:264 Resp: 112070
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.0 28.6
 265 22.3 16.6 25.0

