

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132692.D
 Acq On : 08 Mar 2023 16:11
 Operator : CG\JU
 Sample : 01825-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-TP1-0306

Quant Time: Mar 09 00:37:42 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 13:42:31 2023
 Response via : Initial Calibration

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

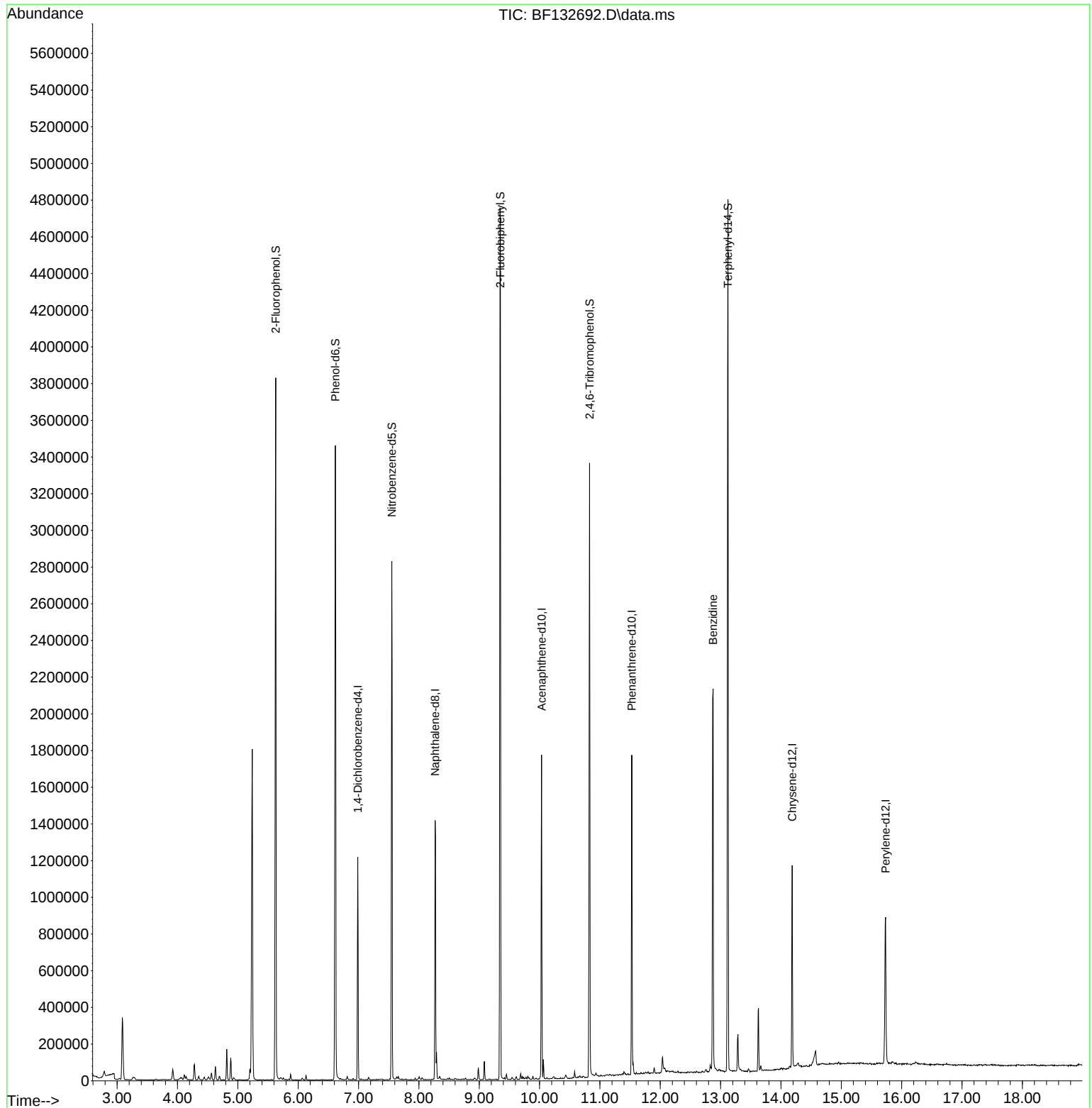
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	170393	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	624650	20.000	ng	-0.01
39) Acenaphthene-d10	10.033	164	327527	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	609099	20.000	ng	0.00
76) Chrysene-d12	14.186	240	362810	20.000	ng	-0.01
86) Perylene-d12	15.733	264	406842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1105216	105.270	ng	0.01
7) Phenol-d6	6.616	99	1314078	95.905	ng	0.00
23) Nitrobenzene-d5	7.551	82	982915	74.656	ng	-0.01
42) 2,4,6-Tribromophenol	10.827	330	402254	113.723	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1567607	72.878	ng	0.00
79) Terphenyl-d14	13.121	244	1743212	81.236	ng	0.00
Target Compounds						
77) Benzdine	12.874	184	904741	102.441	ng	Qvalue 100

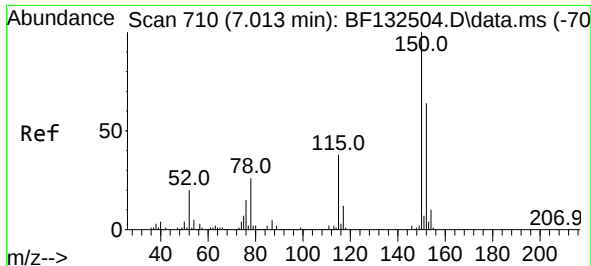
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
Data File : BF132692.D
Acq On : 08 Mar 2023 16:11
Operator : CG\JU
Sample : 01825-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Quant Time: Mar 09 00:37:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 13:42:31 2023
Response via : Initial Calibration

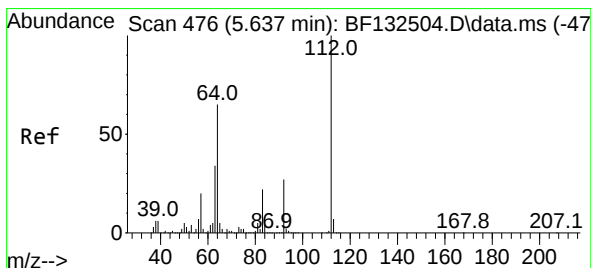
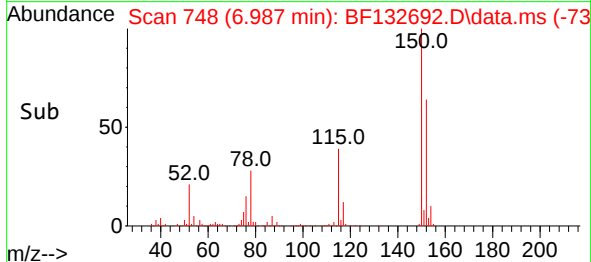
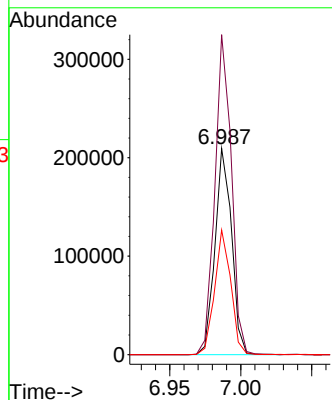
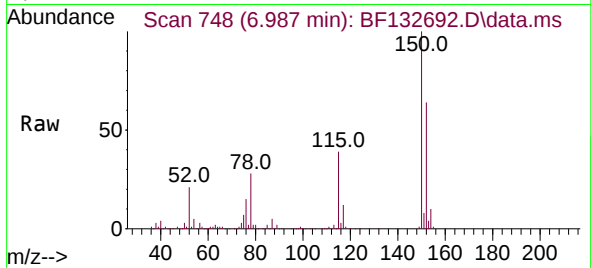




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

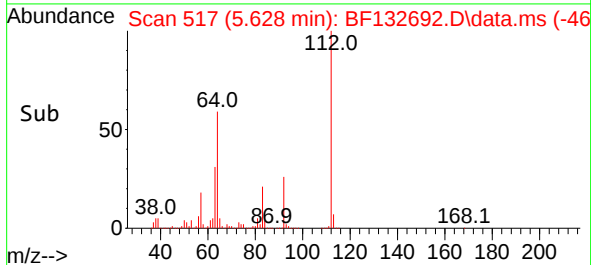
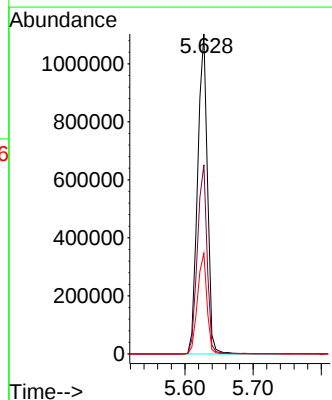
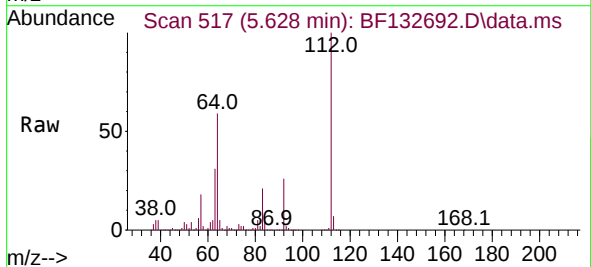
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

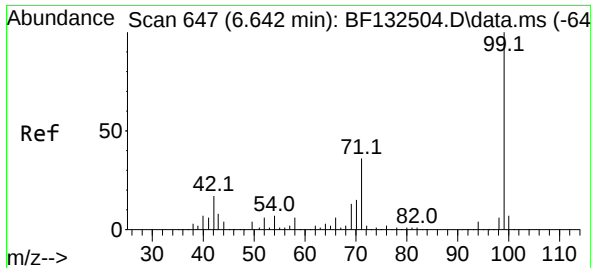
Tgt Ion:152 Resp: 170393
Ion Ratio Lower Upper
152 100
150 155.3 125.4 188.2
115 60.4 47.8 71.6



#5
2-Fluorophenol
Concen: 105.270 ng
RT: 5.628 min Scan# 517
Delta R.T. 0.012 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

Tgt Ion:112 Resp: 1105216
Ion Ratio Lower Upper
112 100
64 59.1 51.6 77.4
63 31.4 27.4 41.2

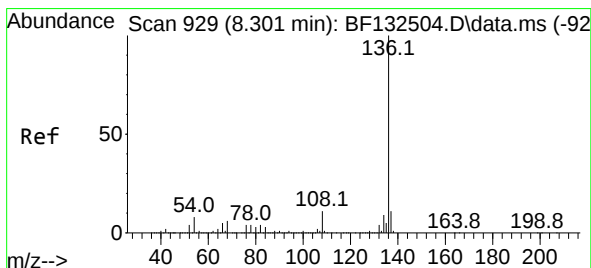
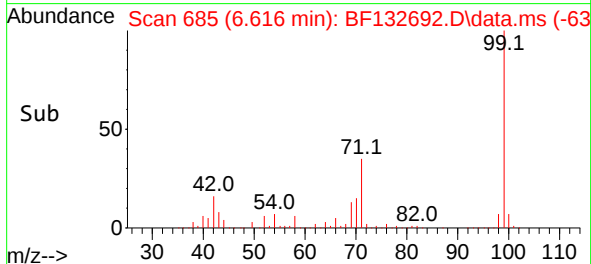
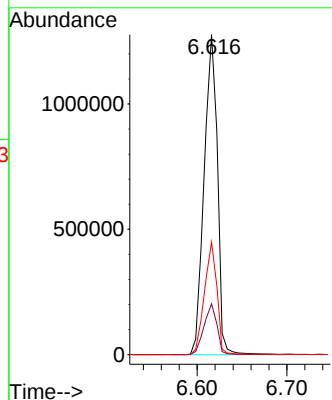
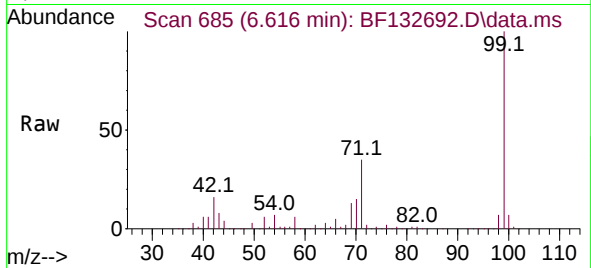




#7
Phenol-d6
Concen: 95.905 ng
RT: 6.616 min Scan# 685
Delta R.T. -0.006 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

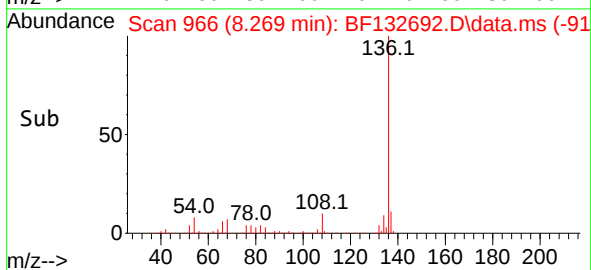
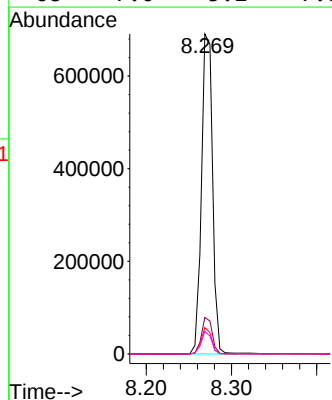
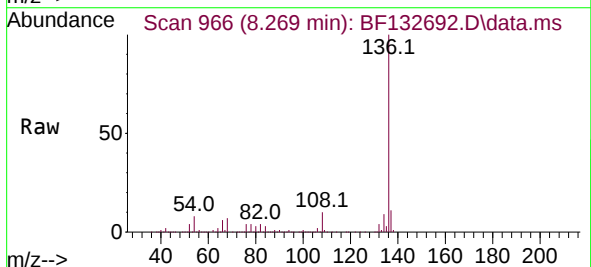
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

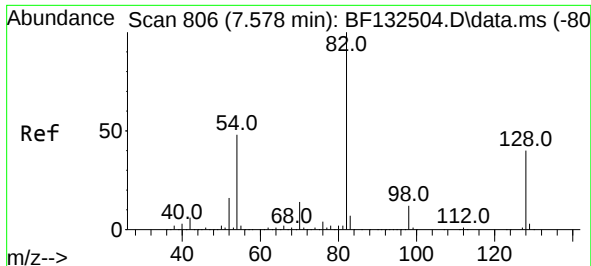
Tgt Ion: 99 Resp: 1314078
Ion Ratio Lower Upper
99 100
42 15.9 13.9 20.9
71 35.2 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 966
Delta R.T. -0.012 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

Tgt Ion: 136 Resp: 624650
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 8.2 6.2 9.4
68 7.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 74.656 ng

RT: 7.551 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF132692.D

Acq: 08 Mar 2023 16:11

Instrument :

BNA_F

ClientSampleId :

HH-TP1-0306

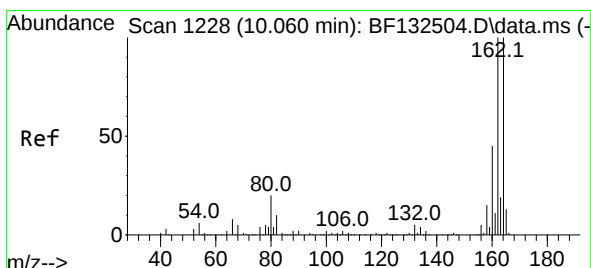
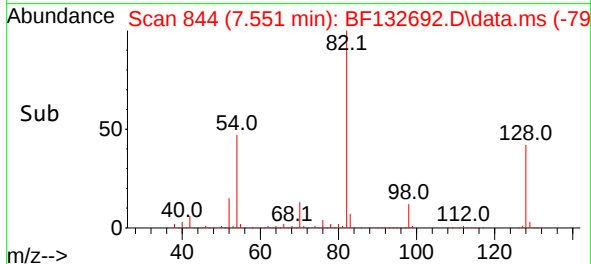
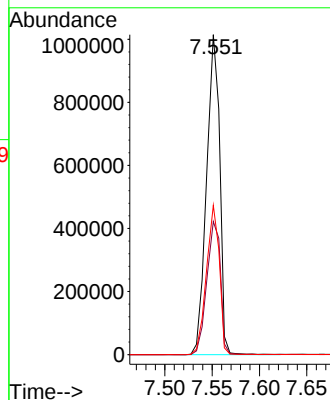
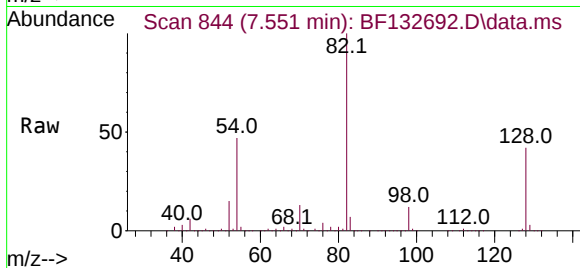
Tgt Ion: 82 Resp: 982915

Ion Ratio Lower Upper

82 100

128 41.6 32.2 48.2

54 46.6 38.4 57.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.033 min Scan# 1266

Delta R.T. -0.006 min

Lab File: BF132692.D

Acq: 08 Mar 2023 16:11

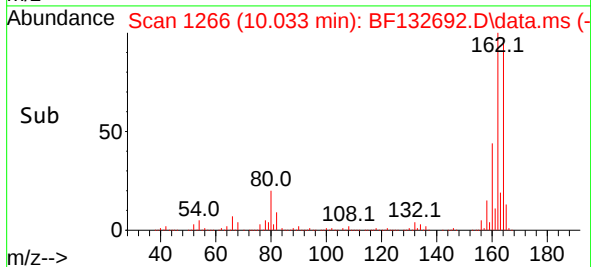
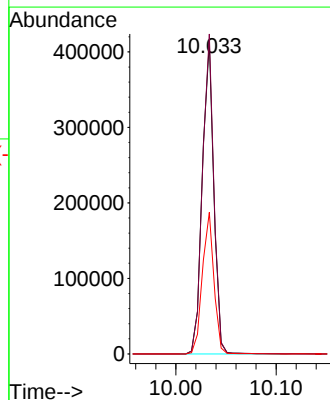
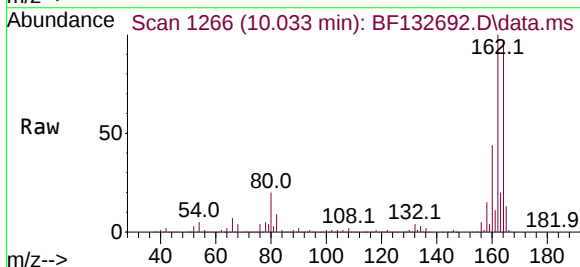
Tgt Ion:164 Resp: 327527

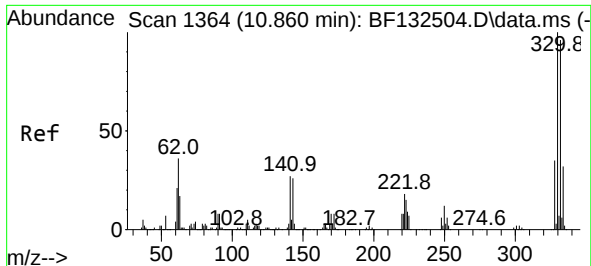
Ion Ratio Lower Upper

164 100

162 102.7 79.8 119.8

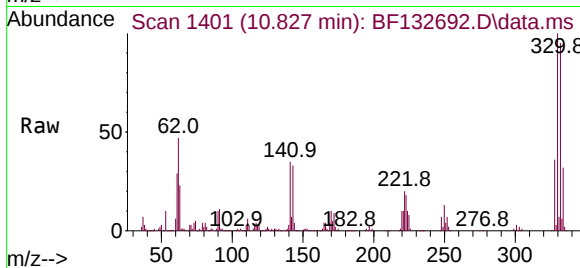
160 45.4 35.8 53.6



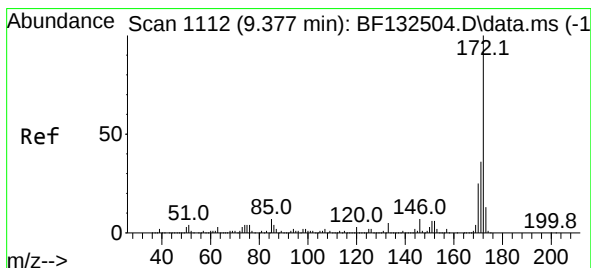
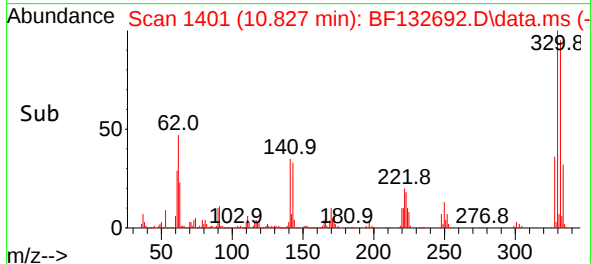
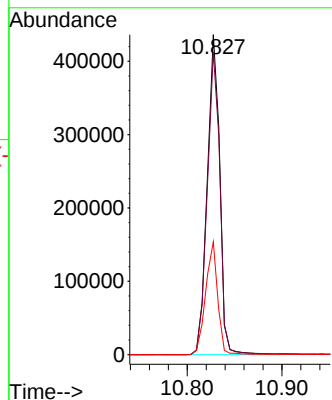


#42
2,4,6-Tribromophenol
Concen: 113.723 ng
RT: 10.827 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

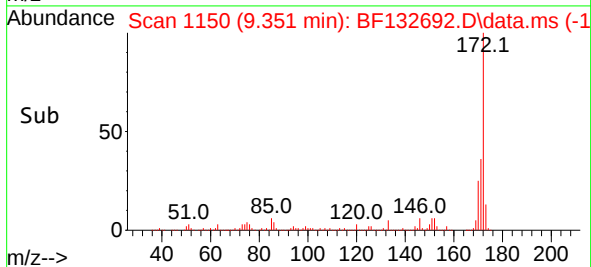
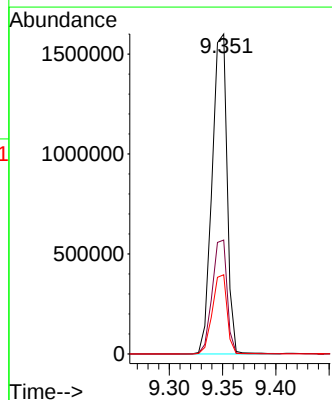
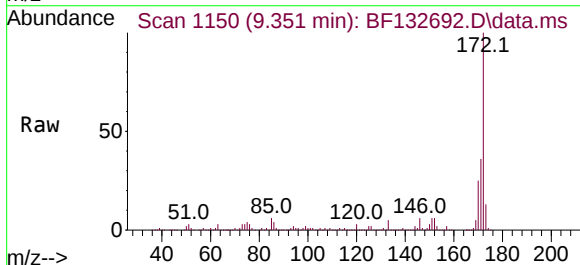


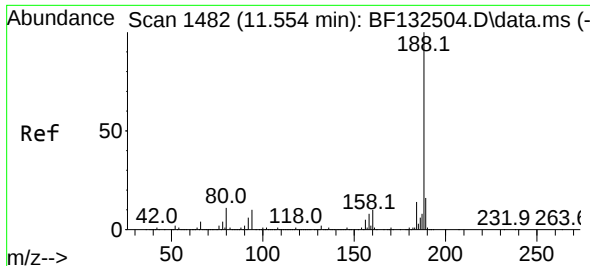
Tgt Ion:330 Resp: 402254
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 34.1 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 72.878 ng
RT: 9.351 min Scan# 1150
Delta R.T. -0.006 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

Tgt Ion:172 Resp: 1567607
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.7 19.7 29.5

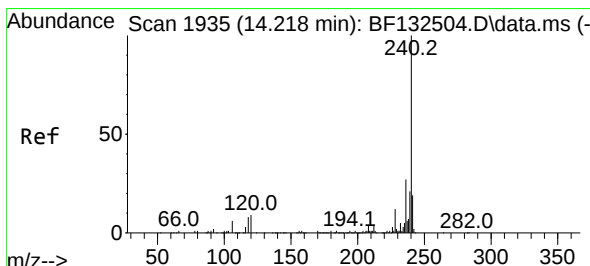
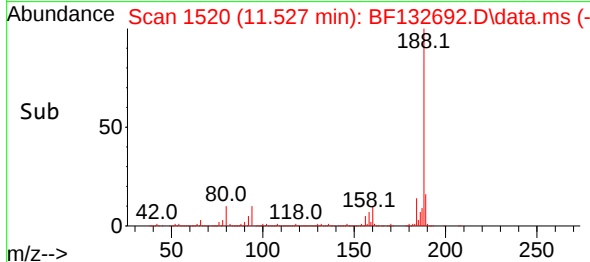
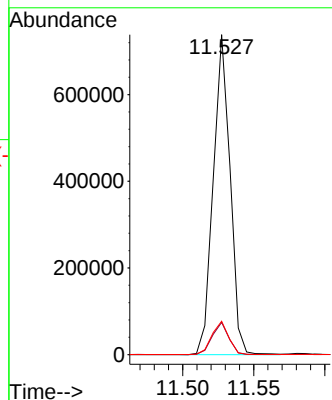
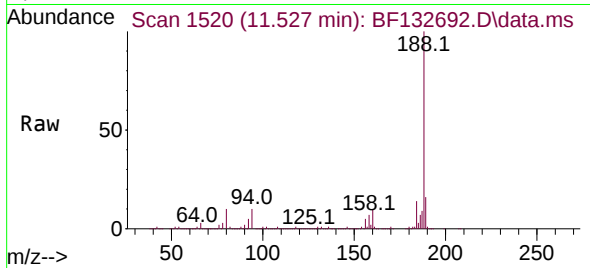




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

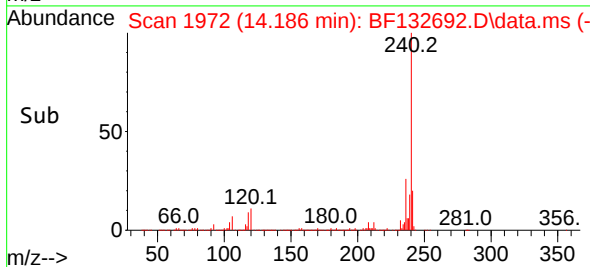
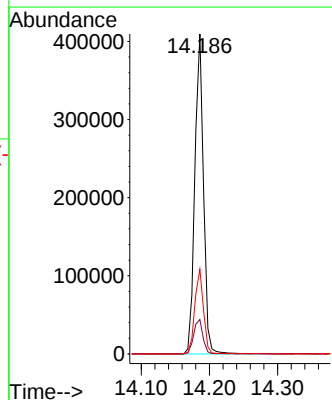
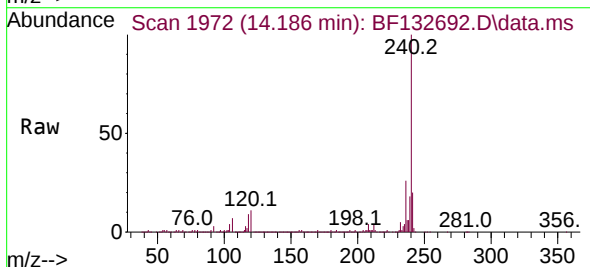
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

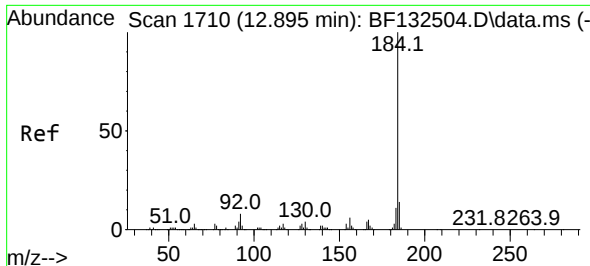
Tgt Ion:188 Resp: 609099
Ion Ratio Lower Upper
188 100
94 10.1 8.3 12.5
80 10.4 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

Tgt Ion:240 Resp: 362810
Ion Ratio Lower Upper
240 100
120 10.7 7.2 10.8
236 26.4 21.8 32.6

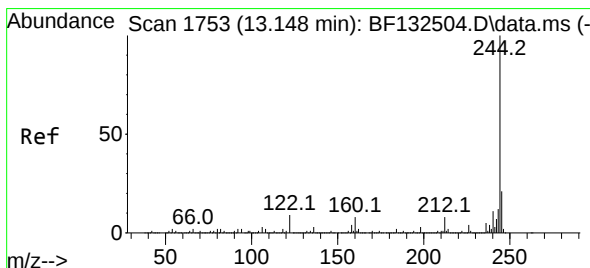
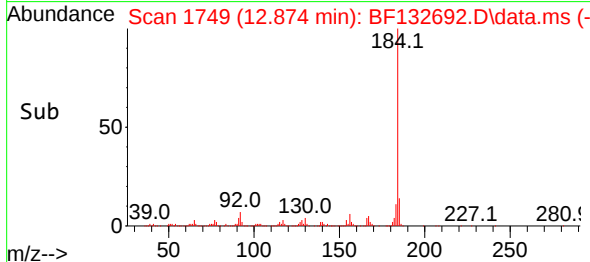
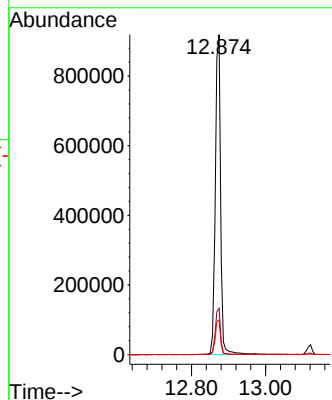
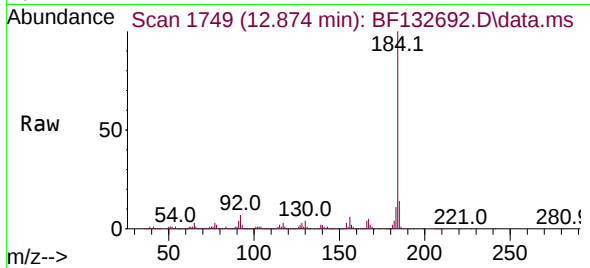




#77
Benzidine
Concen: 102.441 ng
RT: 12.874 min Scan# 1710
Delta R.T. -0.000 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

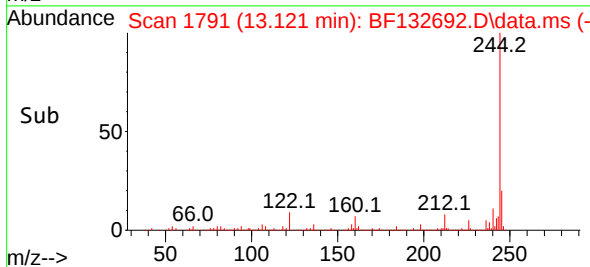
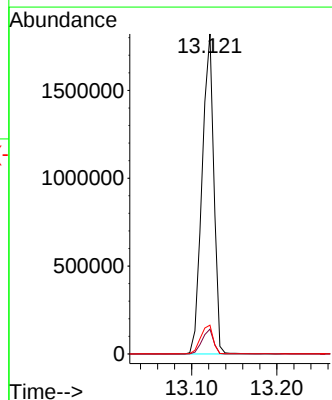
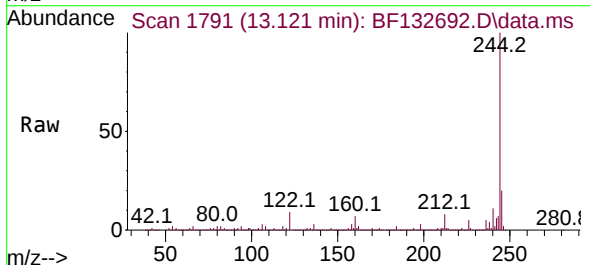
Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

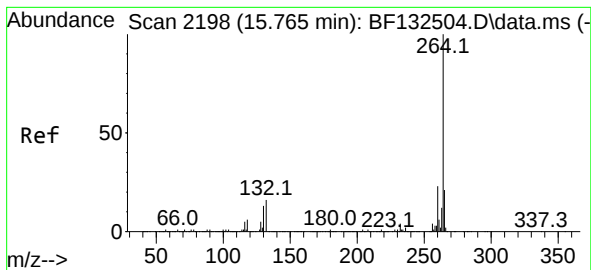
Tgt Ion:184 Resp: 904741
Ion Ratio Lower Upper
184 100
185 14.4 11.7 17.5
183 10.9 8.7 13.1



#79
Terphenyl-d14
Concen: 81.236 ng
RT: 13.121 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

Tgt Ion:244 Resp: 1743212
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 9.0 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.733 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF132692.D
Acq: 08 Mar 2023 16:11

Instrument :
BNA_F
ClientSampleId :
HH-TP1-0306

Tgt Ion:264 Resp: 406842
Ion Ratio Lower Upper
264 100
260 24.5 18.8 28.2
265 21.0 17.1 25.7

