

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132698.D
 Acq On : 08 Mar 2023 19:28
 Operator : CG\JU
 Sample : 01825-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HH-TP4-0306

Quant Time: Mar 09 00:40:11 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)

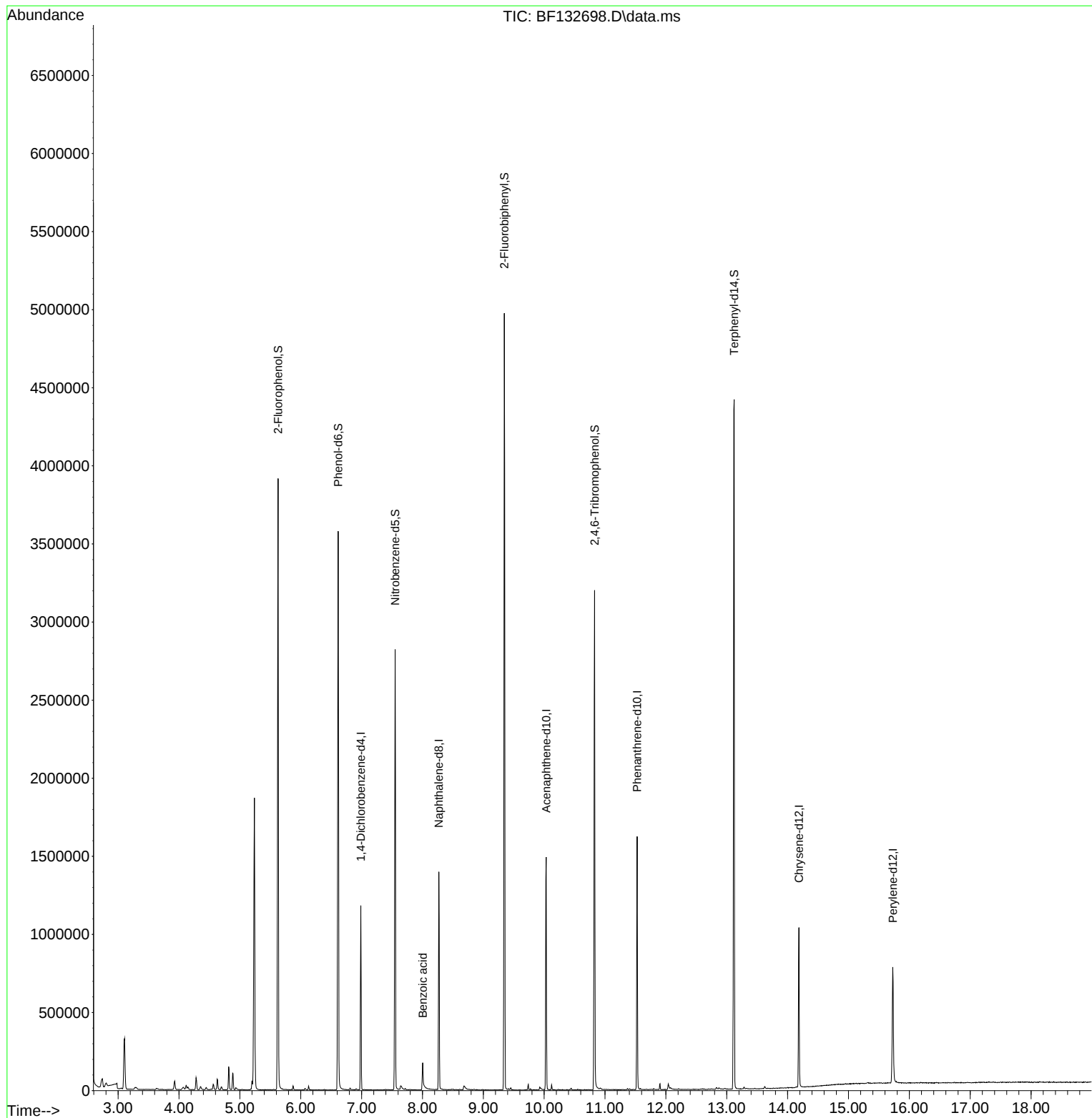
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	157087	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	591798	20.000	ng	-0.01
39) Acenaphthene-d10	10.033	164	306465	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	577843	20.000	ng	0.00
76) Chrysene-d12	14.186	240	344114	20.000	ng	-0.01
86) Perylene-d12	15.727	264	375164	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.628	112	1116919	115.396	ng	0.01
7) Phenol-d6	6.616	99	1330397	105.320	ng	0.00
23) Nitrobenzene-d5	7.551	82	988376	79.238	ng	-0.01
42) 2,4,6-Tribromophenol	10.828	330	389696	117.744	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1540033	76.516	ng	-0.01
79) Terphenyl-d14	13.122	244	1730123	85.007	ng	0.00
Target Compounds						
32) Benzoic acid	8.004	122	51772	10.343	ng	Qvalue 96

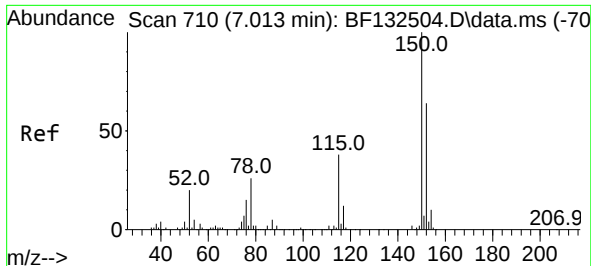
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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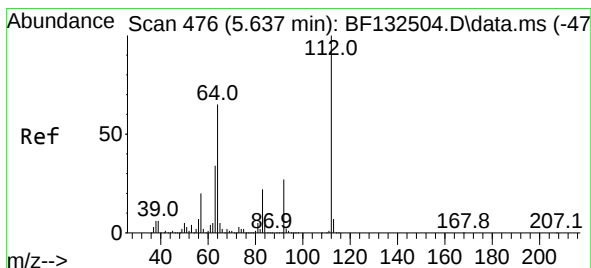
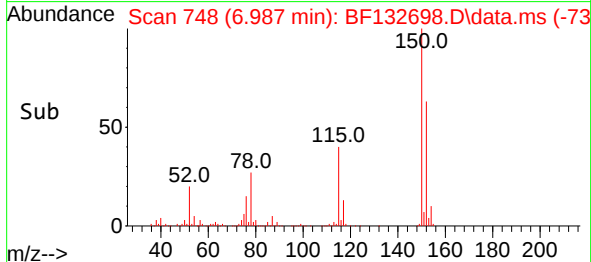
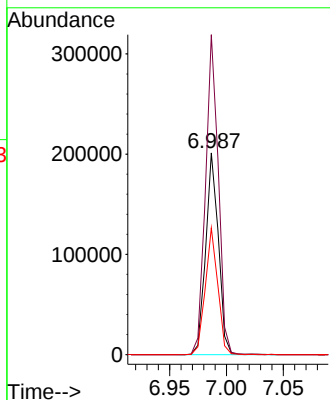
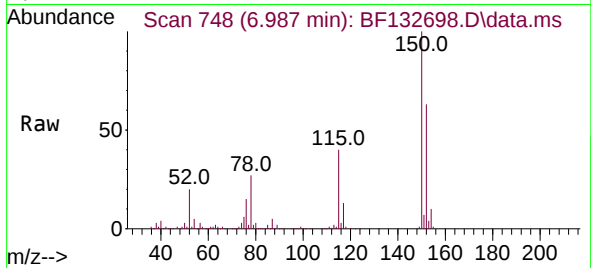




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

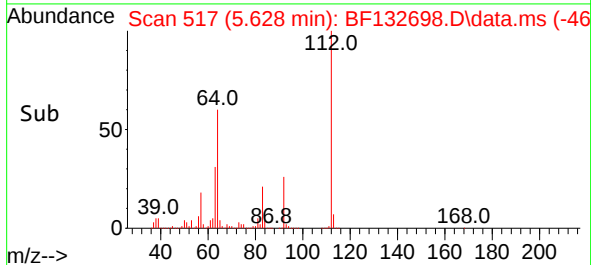
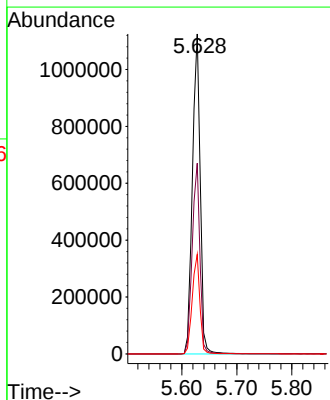
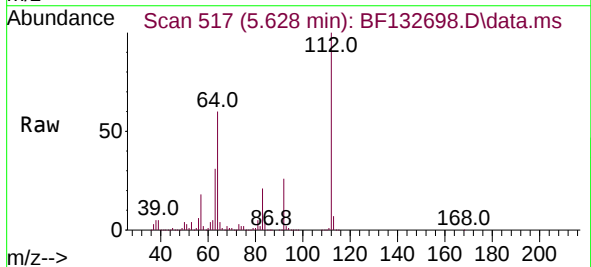
Instrument :
BNA_F
ClientSampleId :
HH-TP4-0306

Tgt Ion:152 Resp: 157087
Ion Ratio Lower Upper
152 100
150 158.6 125.4 188.2
115 62.8 47.8 71.6



#5
2-Fluorophenol
Concen: 115.396 ng
RT: 5.628 min Scan# 517
Delta R.T. 0.012 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

Tgt Ion:112 Resp: 1116919
Ion Ratio Lower Upper
112 100
64 59.6 51.6 77.4
63 31.1 27.4 41.2





#7

Phenol-d6

Concen: 105.320 ng

RT: 6.616 min Scan# 61

Delta R.T. -0.006 min

Lab File: BF132698.D

Acq: 08 Mar 2023 19:28

Instrument :

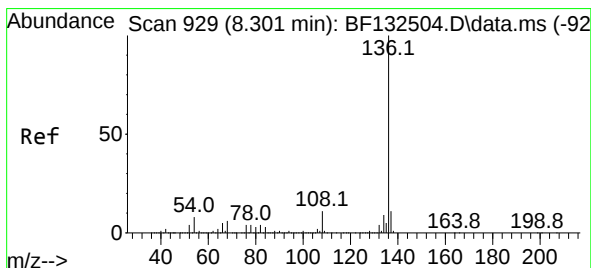
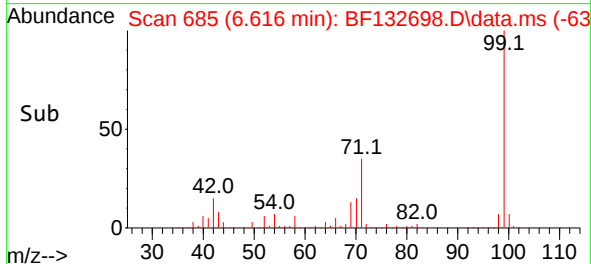
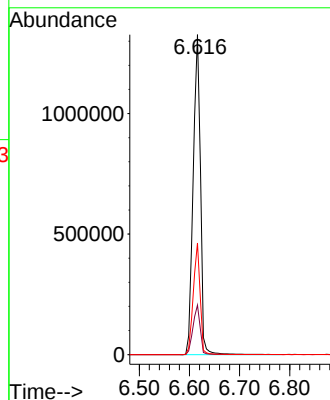
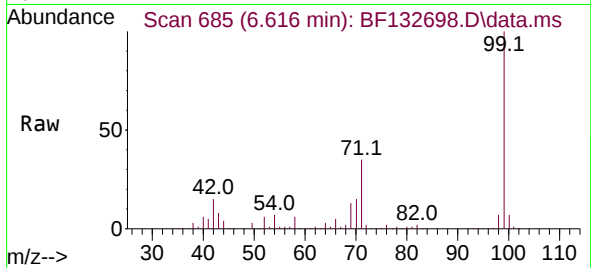
BNA_F

ClientSampleId :

HH-TP4-0306

Tgt Ion: 99 Resp: 1330397

Ion	Ratio	Lower	Upper
99	100		
42	15.5	13.9	20.9
71	34.9	28.5	42.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.269 min Scan# 966

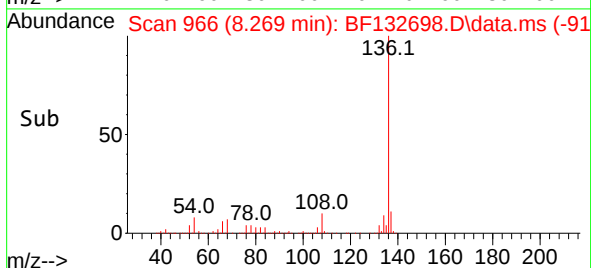
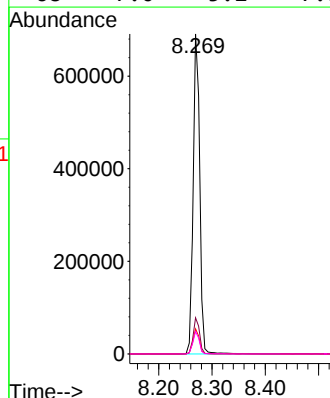
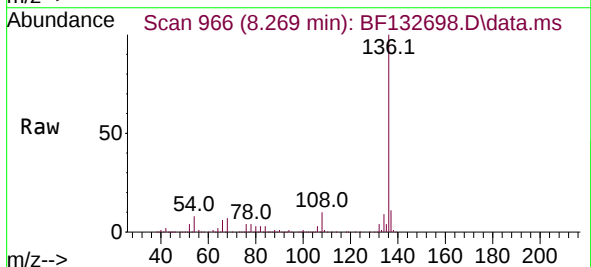
Delta R.T. -0.012 min

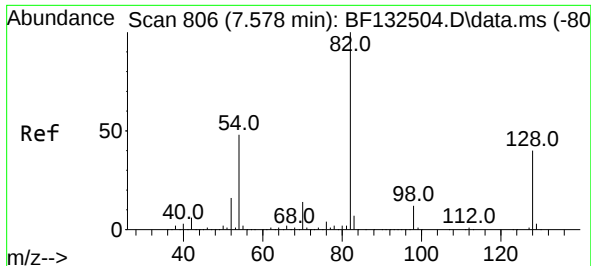
Lab File: BF132698.D

Acq: 08 Mar 2023 19:28

Tgt Ion: 136 Resp: 591798

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	7.8	6.2	9.4
68	7.0	5.2	7.8





#23

Nitrobenzene-d5

Concen: 79.238 ng

RT: 7.551 min Scan# 84

Delta R.T. -0.012 min

Lab File: BF132698.D

Acq: 08 Mar 2023 19:28

Instrument :

BNA_F

ClientSampleId :

HH-TP4-0306

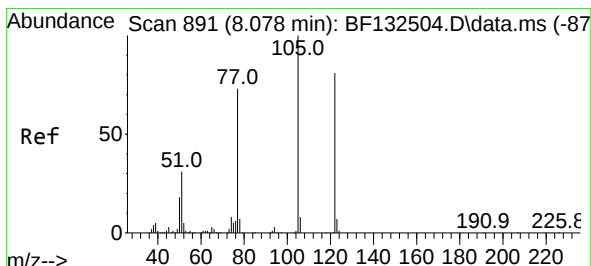
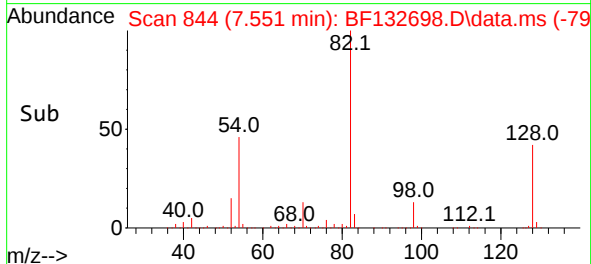
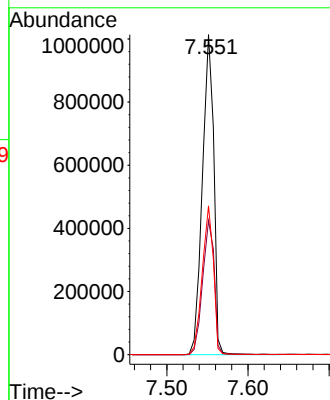
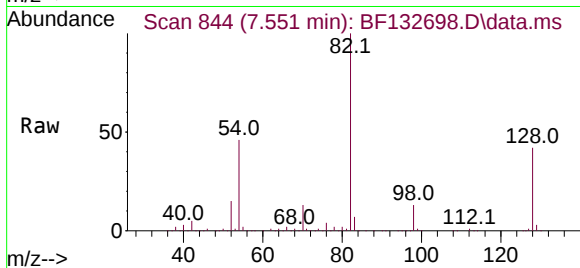
Tgt Ion: 82 Resp: 988376

Ion Ratio Lower Upper

82 100

128 41.9 32.2 48.2

54 46.5 38.4 57.6



#32

Benzoic acid

Concen: 10.343 ng

RT: 8.004 min Scan# 921

Delta R.T. -0.053 min

Lab File: BF132698.D

Acq: 08 Mar 2023 19:28

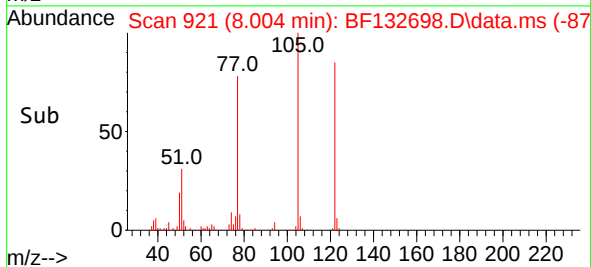
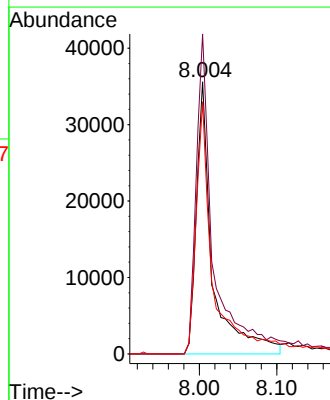
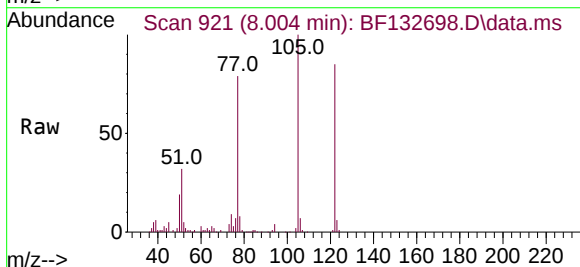
Tgt Ion:122 Resp: 51772

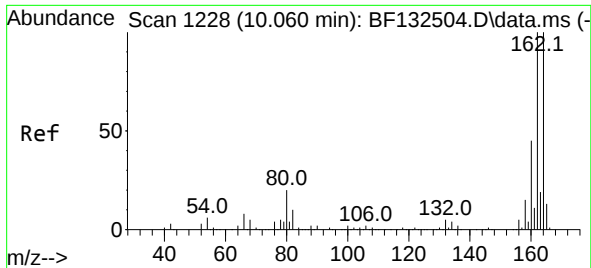
Ion Ratio Lower Upper

122 100

105 117.6 102.6 142.6

77 92.6 70.2 110.2

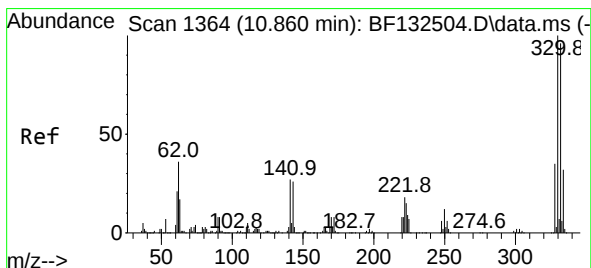
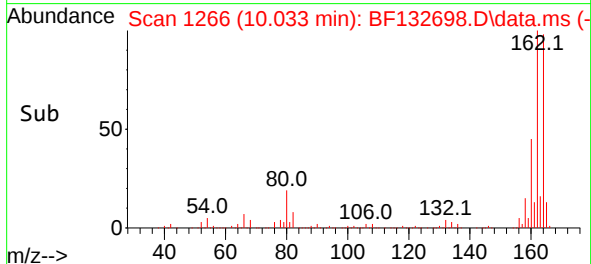
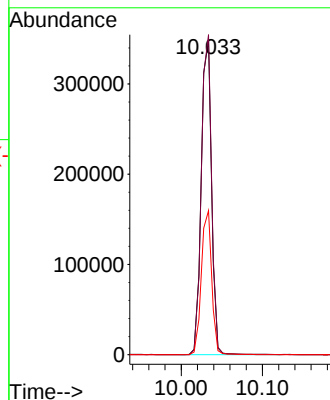
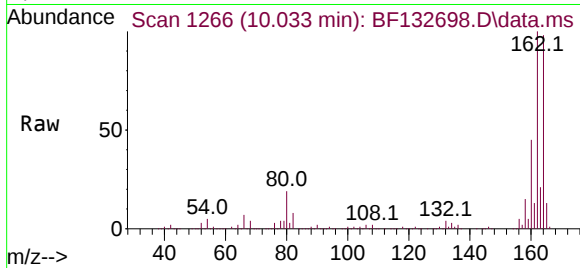




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

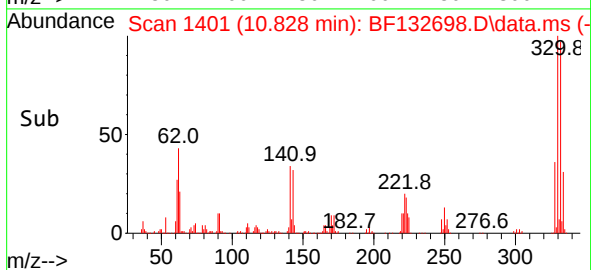
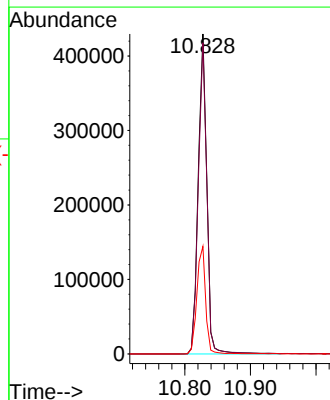
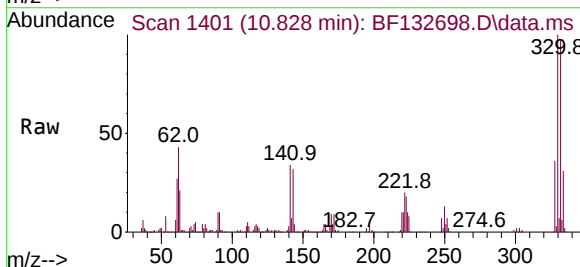
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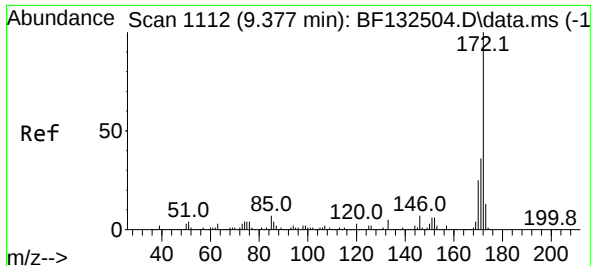
Tgt Ion:164 Resp: 306465
Ion Ratio Lower Upper
164 100
162 101.9 79.8 119.8
160 45.9 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 117.744 ng
RT: 10.828 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

Tgt Ion:330 Resp: 389696
Ion Ratio Lower Upper
330 100
332 96.8 76.2 114.4
141 34.5 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 76.516 ng

RT: 9.345 min Scan# 1112

Delta R.T. -0.012 min

Lab File: BF132698.D

Acq: 08 Mar 2023 19:28

Instrument :

BNA_F

ClientSampleId :

HH-TP4-0306

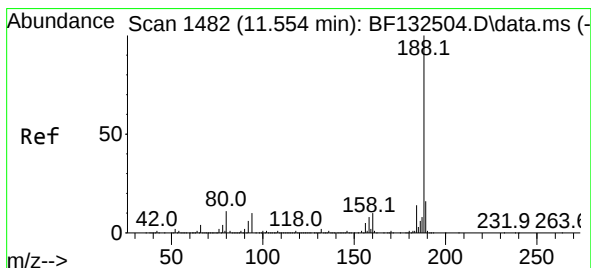
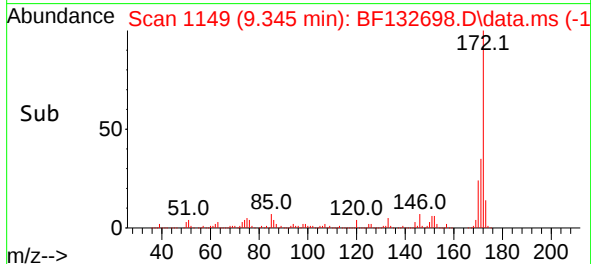
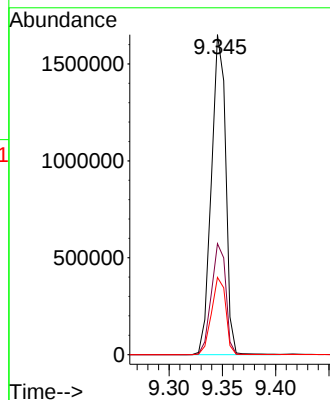
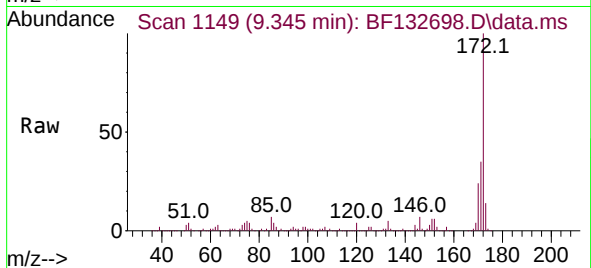
Tgt Ion:172 Resp: 1540033

Ion Ratio Lower Upper

172 100

171 34.7 28.8 43.2

170 24.1 19.7 29.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.528 min Scan# 1520

Delta R.T. -0.006 min

Lab File: BF132698.D

Acq: 08 Mar 2023 19:28

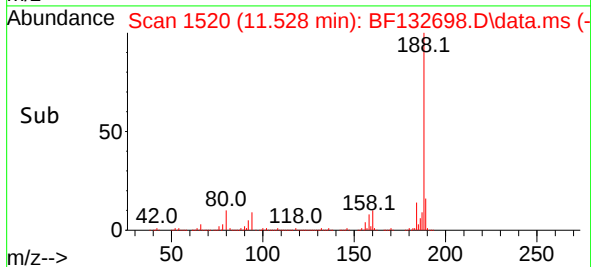
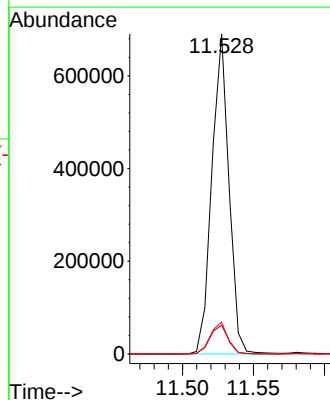
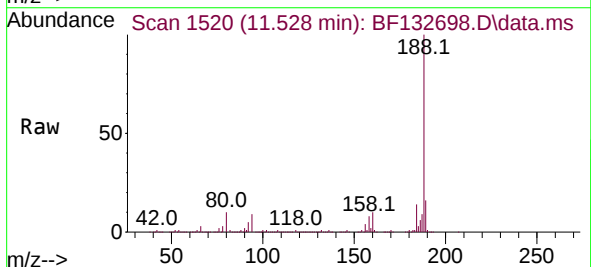
Tgt Ion:188 Resp: 577843

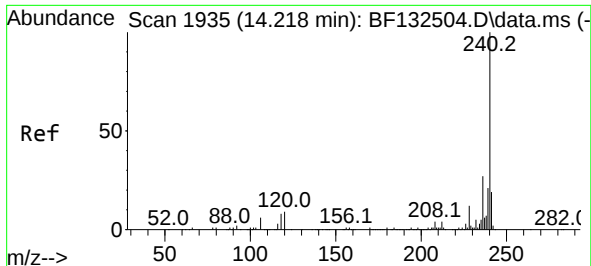
Ion Ratio Lower Upper

188 100

94 8.9 8.3 12.5

80 10.0 8.7 13.1

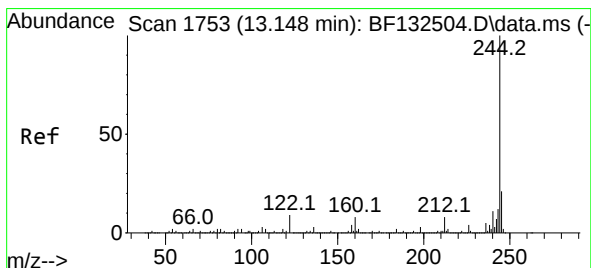
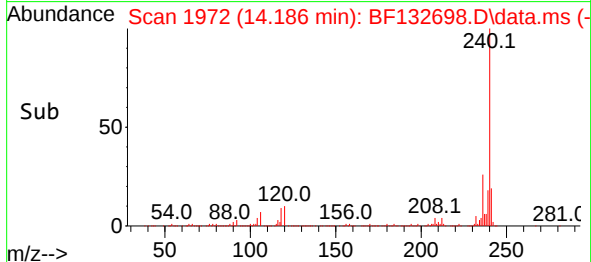
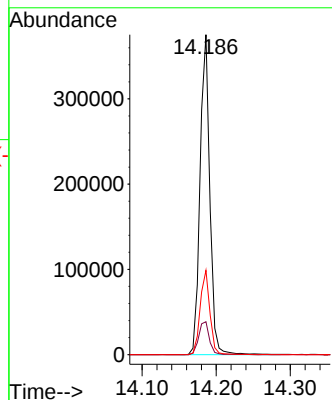
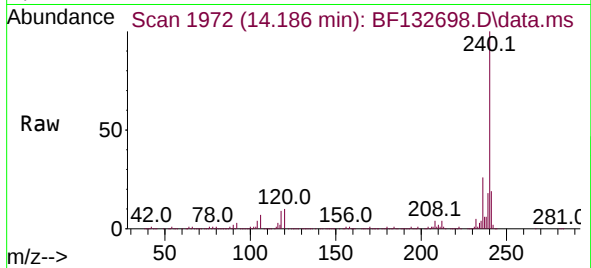




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1935
Delta R.T. -0.012 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

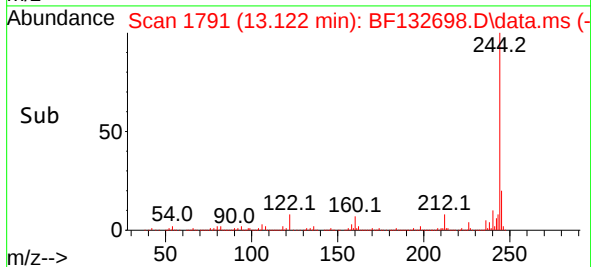
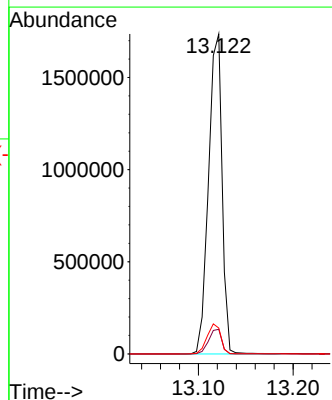
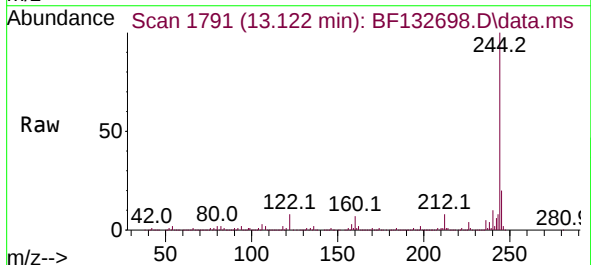
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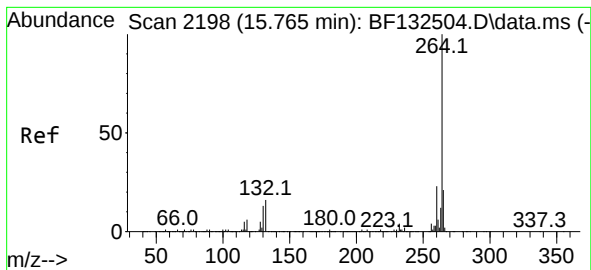
Tgt Ion:240 Resp: 344114
Ion Ratio Lower Upper
240 100
120 10.3 7.2 10.8
236 26.3 21.8 32.6



#79
Terphenyl-d14
Concen: 85.007 ng
RT: 13.122 min Scan# 1791
Delta R.T. -0.006 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

Tgt Ion:244 Resp: 1730123
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 8.1 7.5 11.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.727 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF132698.D
Acq: 08 Mar 2023 19:28

Instrument :
BNA_F
ClientSampleId :
HH-TP4-0306

Tgt Ion:264 Resp: 375164
Ion Ratio Lower Upper
264 100
260 24.9 18.8 28.2
265 22.0 17.1 25.7

