

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030823\
 Data File : BF132699.D
 Acq On : 08 Mar 2023 20:00
 Operator : CG\JU
 Sample : 01829-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-06-20230306

Quant Time: Mar 09 00:40:28 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	164015	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	595139	20.000	ng	-0.01
39) Acenaphthene-d10	10.033	164	309416	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	546154	20.000	ng	0.00
76) Chrysene-d12	14.186	240	344377	20.000	ng	-0.01
86) Perylene-d12	15.727	264	392623	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.616	112	976230	96.600	ng	0.00
7) Phenol-d6	6.616	99	1237174	93.803	ng	0.00
23) Nitrobenzene-d5	7.551	82	773022	61.625	ng	-0.01
42) 2,4,6-Tribromophenol	10.828	330	257710	77.123	ng	0.00
45) 2-Fluorobiphenyl	9.345	172	1292150	63.588	ng	-0.01
79) Terphenyl-d14	13.116	244	1234561	60.612	ng	-0.01

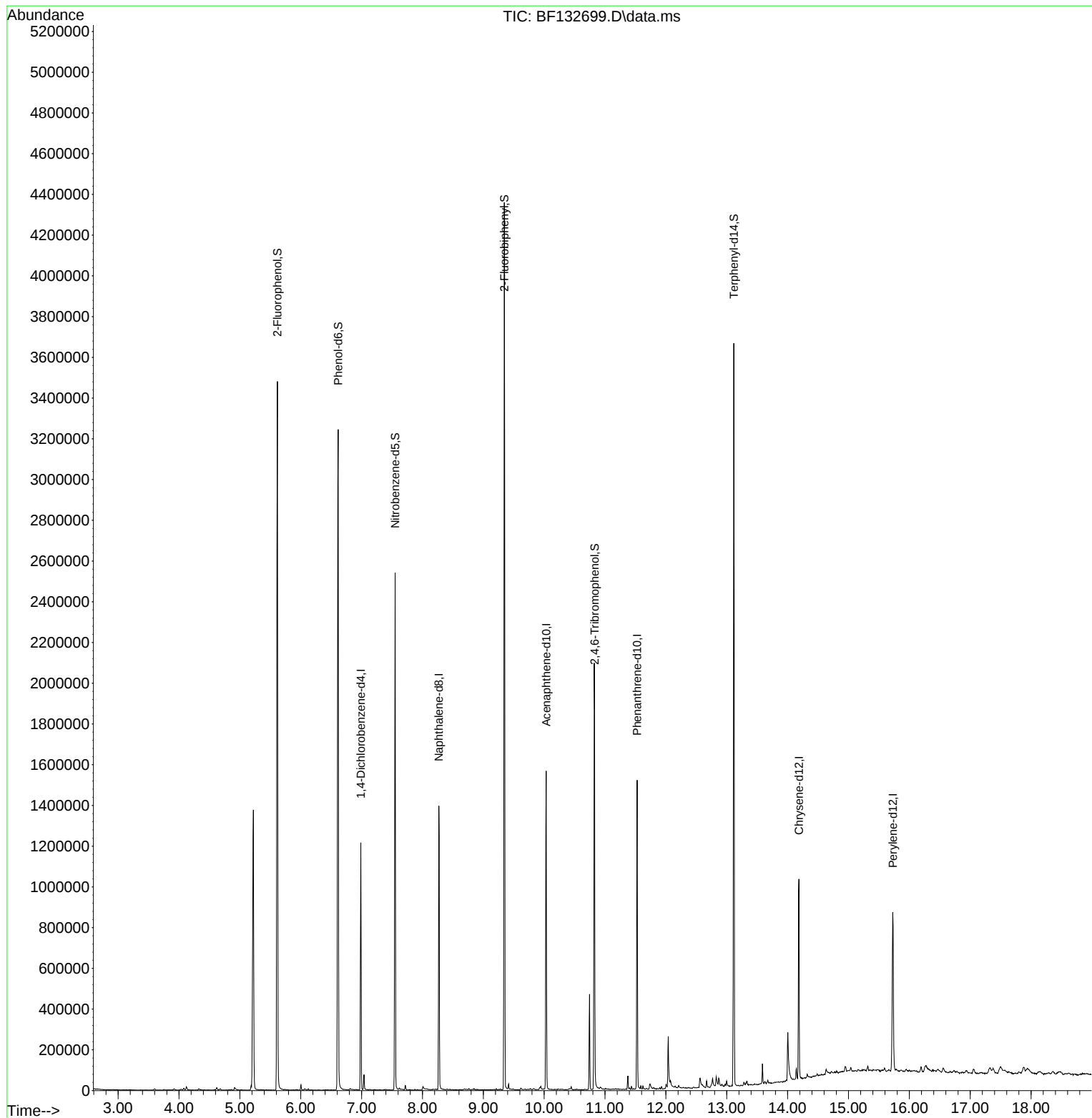
Target Compounds	Qvalue

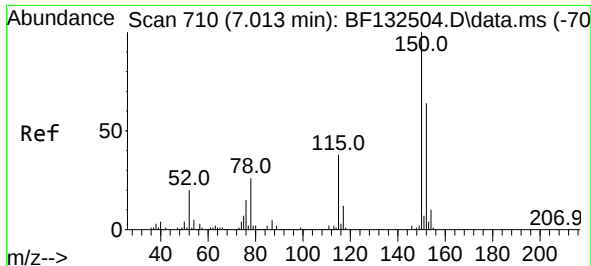
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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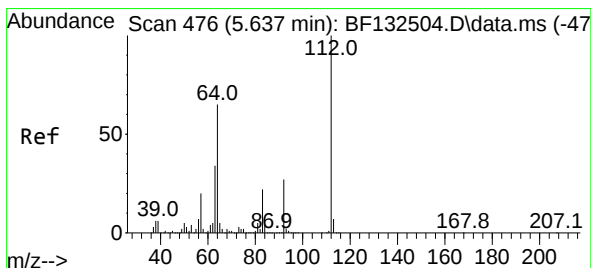
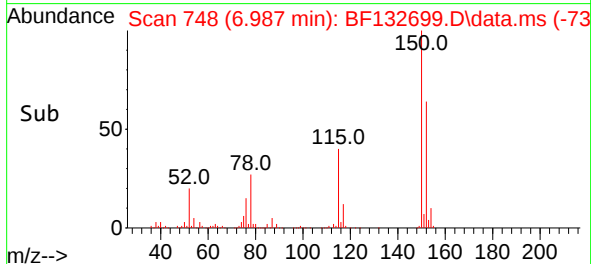
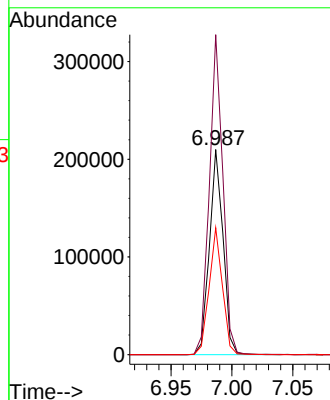
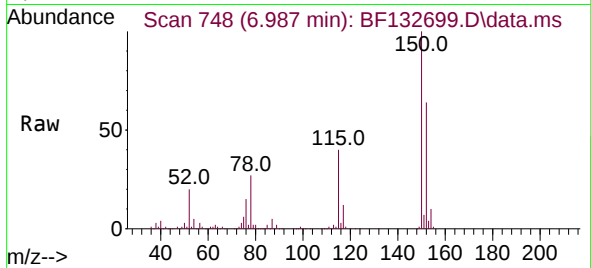




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.987 min Scan# 710
 Delta R.T. -0.006 min
 Lab File: BF132699.D
 Acq: 08 Mar 2023 20:00

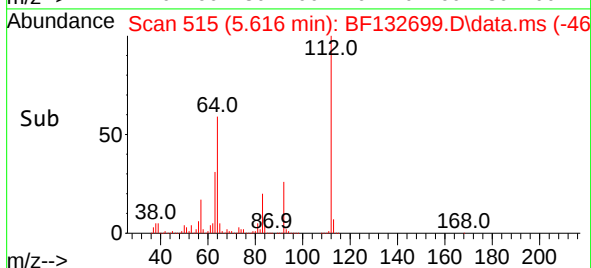
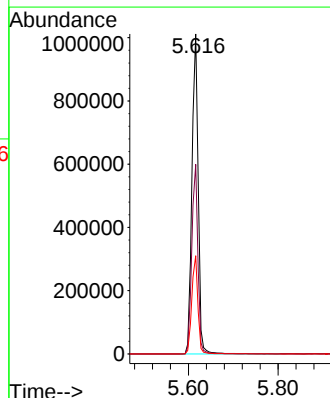
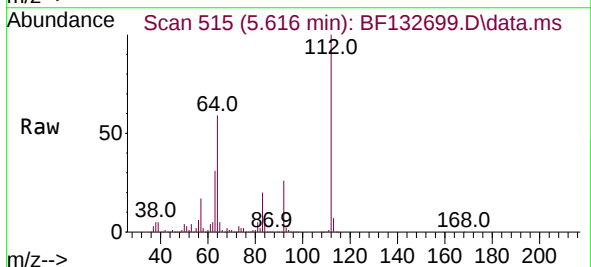
Instrument :
 BNA_F
 ClientSampleId :
 SS-06-20230306

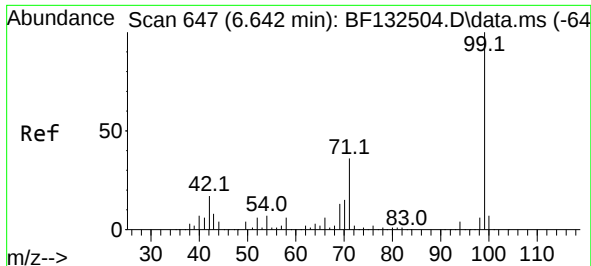
Tgt Ion:152 Resp: 164015
 Ion Ratio Lower Upper
 152 100
 150 156.0 125.4 188.2
 115 61.8 47.8 71.6



#5
 2-Fluorophenol
 Concen: 96.600 ng
 RT: 5.616 min Scan# 515
 Delta R.T. -0.000 min
 Lab File: BF132699.D
 Acq: 08 Mar 2023 20:00

Tgt Ion:112 Resp: 976230
 Ion Ratio Lower Upper
 112 100
 64 59.2 51.6 77.4
 63 30.7 27.4 41.2

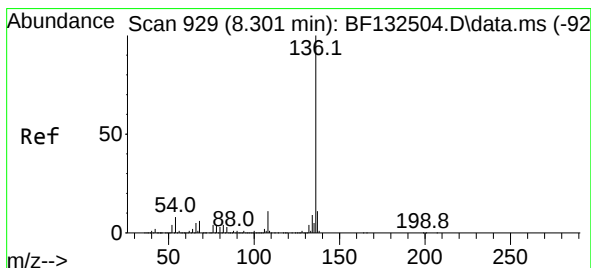
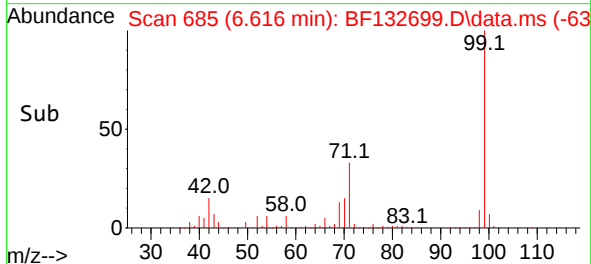
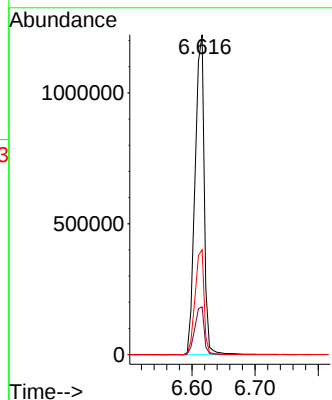
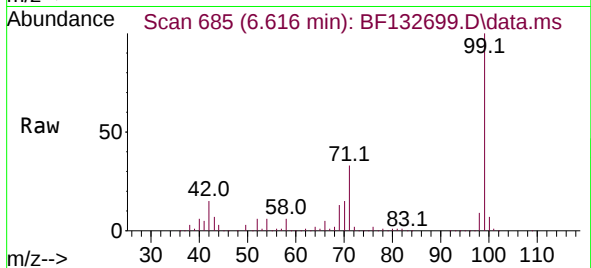




#7
Phenol-d6
Concen: 93.803 ng
RT: 6.616 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF132699.D
Acq: 08 Mar 2023 20:00

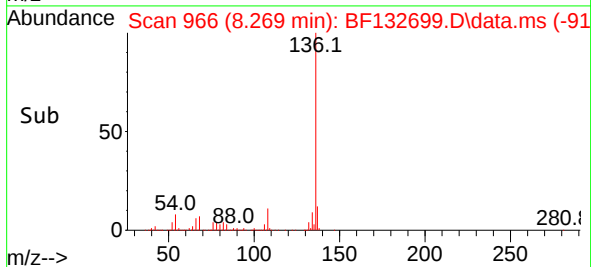
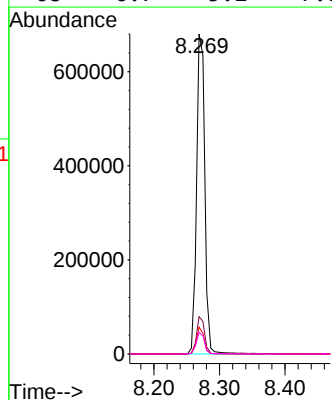
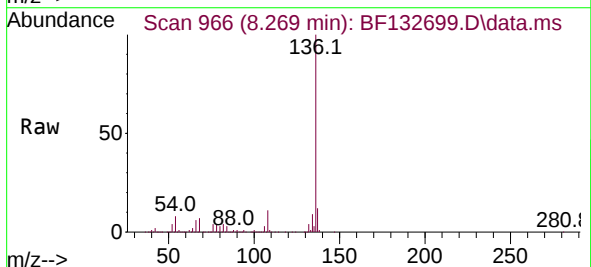
Instrument :
BNA_F
ClientSampleId :
SS-06-20230306

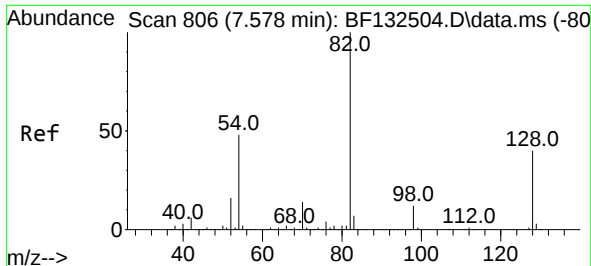
Tgt Ion: 99 Resp: 1237174
Ion Ratio Lower Upper
99 100
42 14.9 13.9 20.9
71 32.8 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 966
Delta R.T. -0.012 min
Lab File: BF132699.D
Acq: 08 Mar 2023 20:00

Tgt Ion:136 Resp: 595139
Ion Ratio Lower Upper
136 100
137 11.6 8.9 13.3
54 8.4 6.2 9.4
68 6.7 5.2 7.8

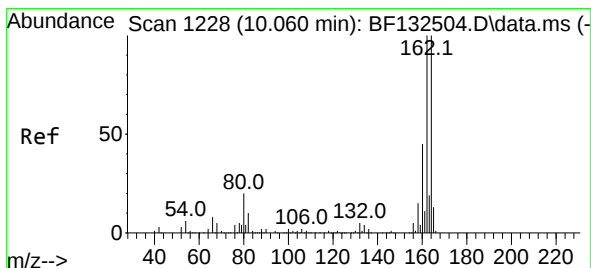
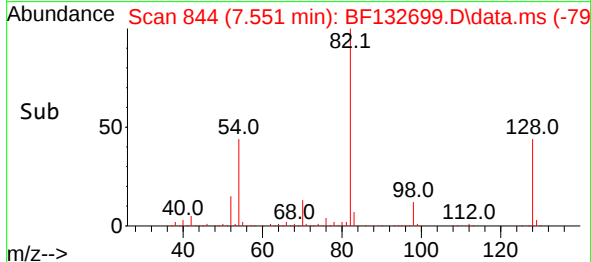
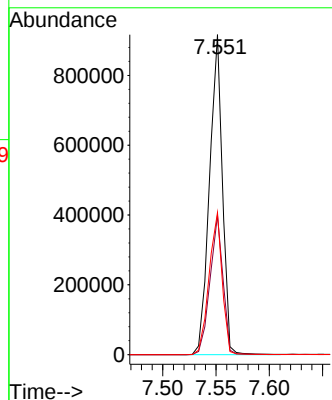
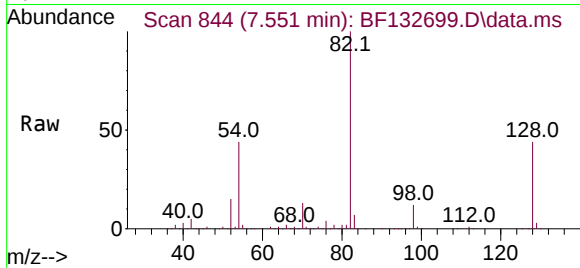




#23
Nitrobenzene-d5
Concen: 61.625 ng
RT: 7.551 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF132699.D
Acq: 08 Mar 2023 20:00

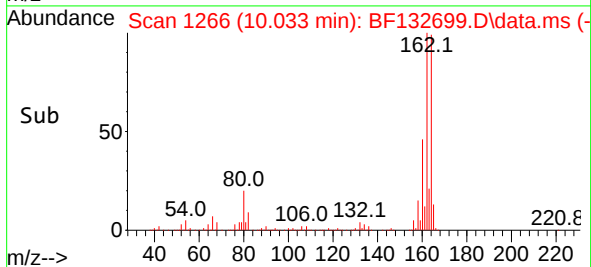
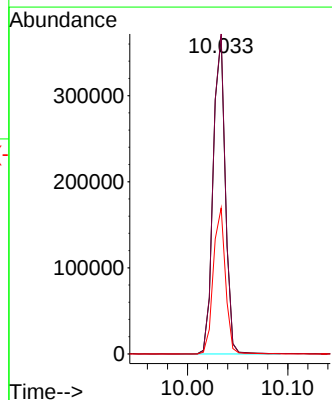
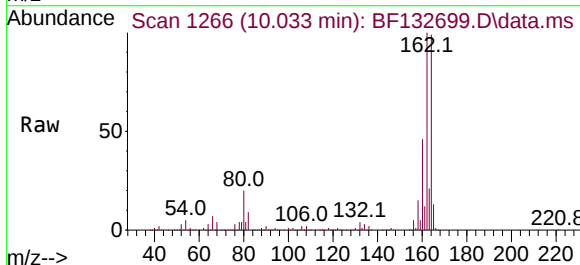
Instrument :
BNA_F
ClientSampleId :
SS-06-20230306

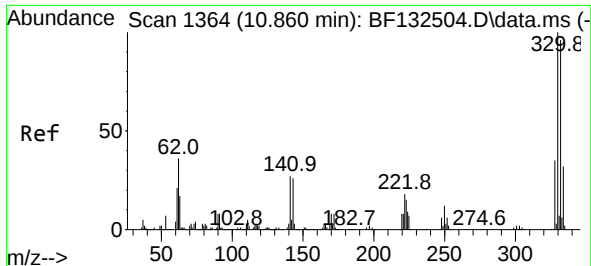
Tgt Ion: 82 Resp: 773022
Ion Ratio Lower Upper
82 100
128 43.6 32.2 48.2
54 44.4 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.033 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF132699.D
Acq: 08 Mar 2023 20:00

Tgt Ion:164 Resp: 309416
Ion Ratio Lower Upper
164 100
162 100.8 79.8 119.8
160 45.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 77.123 ng

RT: 10.828 min Scan# 1149

Delta R.T. -0.006 min

Lab File: BF132699.D

Acq: 08 Mar 2023 20:00

Instrument :

BNA_F

ClientSampleId :

SS-06-20230306

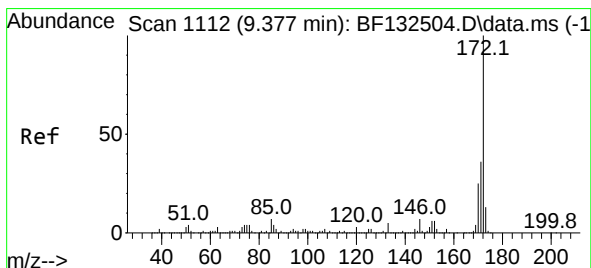
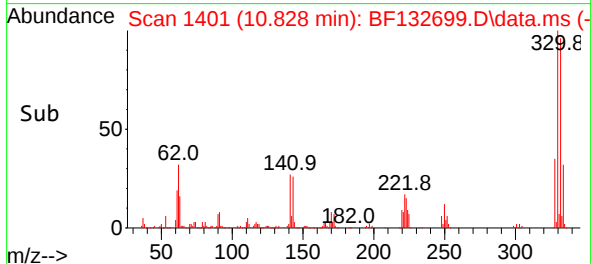
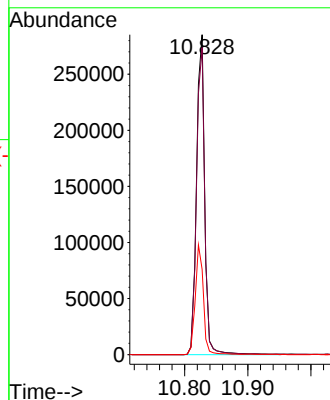
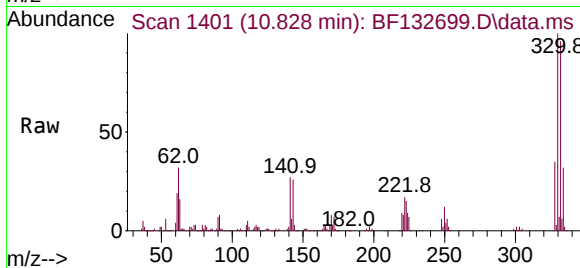
Tgt Ion:330 Resp: 257710

Ion Ratio Lower Upper

330 100

332 96.2 76.2 114.4

141 33.8 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 63.588 ng

RT: 9.345 min Scan# 1149

Delta R.T. -0.012 min

Lab File: BF132699.D

Acq: 08 Mar 2023 20:00

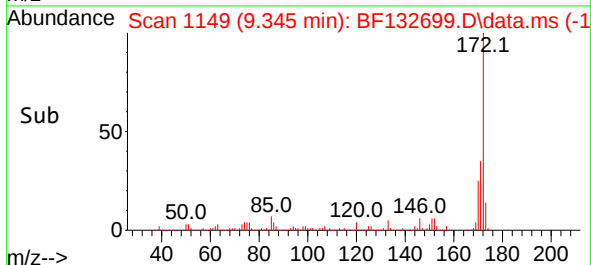
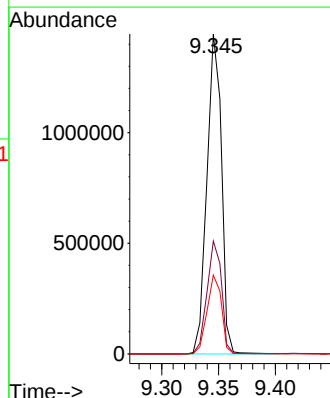
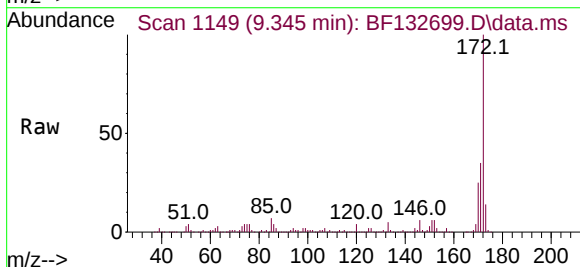
Tgt Ion:172 Resp: 1292150

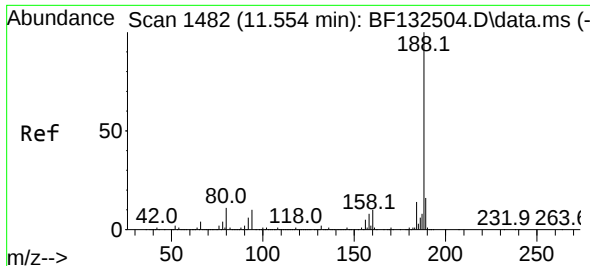
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 24.6 19.7 29.5

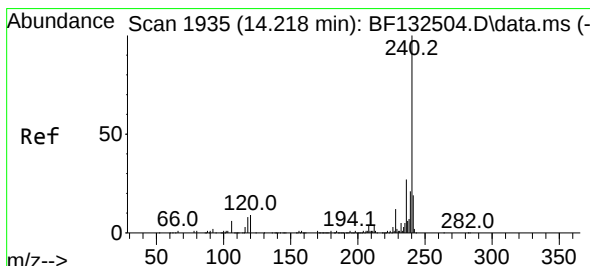
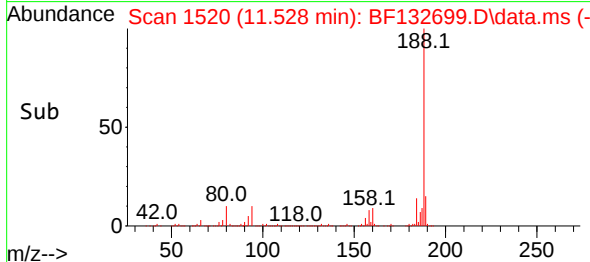
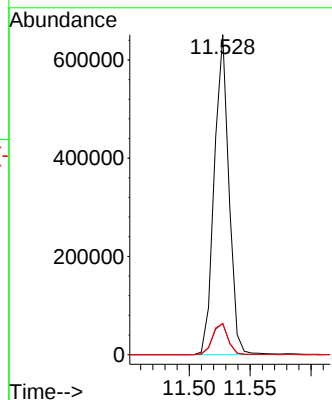
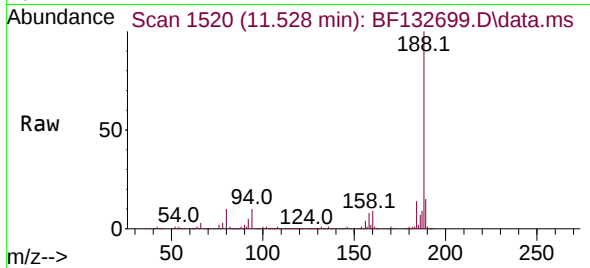




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.528 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132699.D
Acq: 08 Mar 2023 20:00

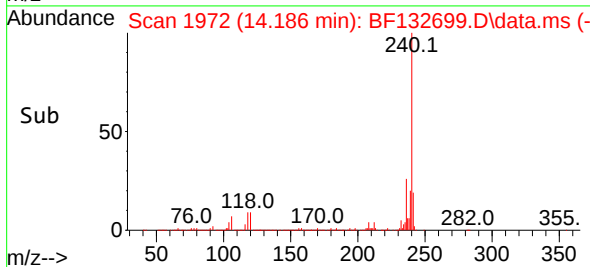
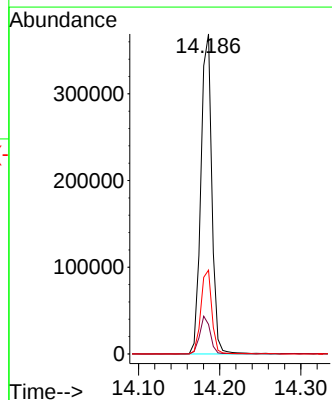
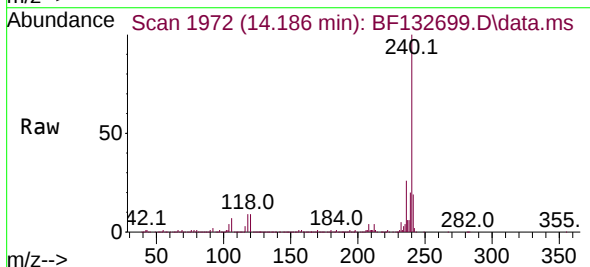
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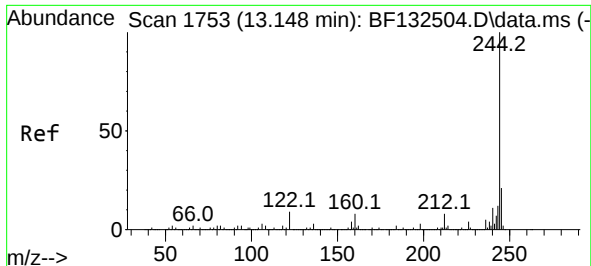
Tgt Ion:188 Resp: 546154
Ion Ratio Lower Upper
188 100
94 9.8 8.3 12.5
80 9.6 8.7 13.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.186 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BF132699.D
Acq: 08 Mar 2023 20:00

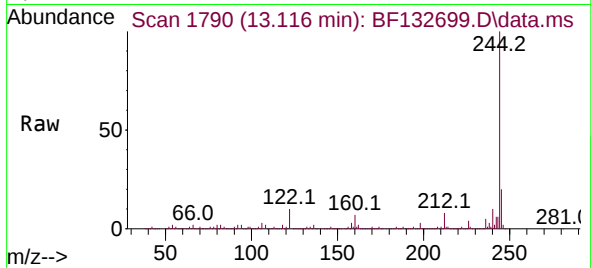
Tgt Ion:240 Resp: 344377
Ion Ratio Lower Upper
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120 9.2 7.2 10.8
236 26.2 21.8 32.6



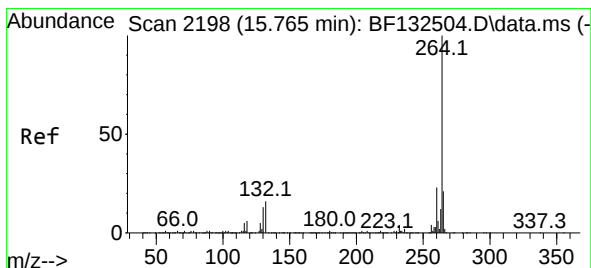
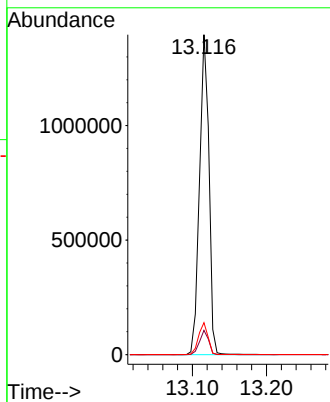
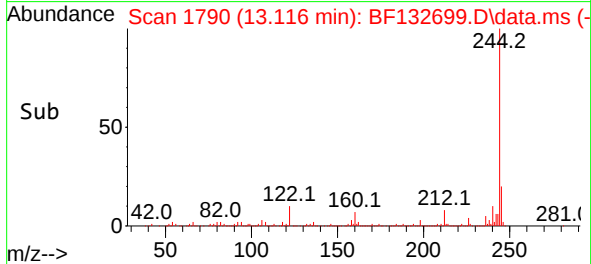


#79
 Terphenyl-d14
 Concen: 60.612 ng
 RT: 13.116 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF132699.D
 Acq: 08 Mar 2023 20:00

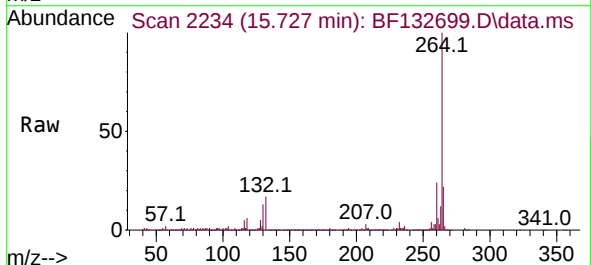
Instrument :
 BNA_F
 ClientSampleId :
 SS-06-20230306



Tgt Ion:244 Resp: 1234561
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 10.0 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.727 min Scan# 2234
 Delta R.T. -0.012 min
 Lab File: BF132699.D
 Acq: 08 Mar 2023 20:00



Tgt Ion:264 Resp: 392623
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.9 17.1 25.7

