

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030723\
 Data File : BF132679.D
 Acq On : 07 Mar 2023 15:52
 Operator : CG\JU
 Sample : 01821-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-IDW-S-1

Quant Time: Mar 08 04:40:28 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)

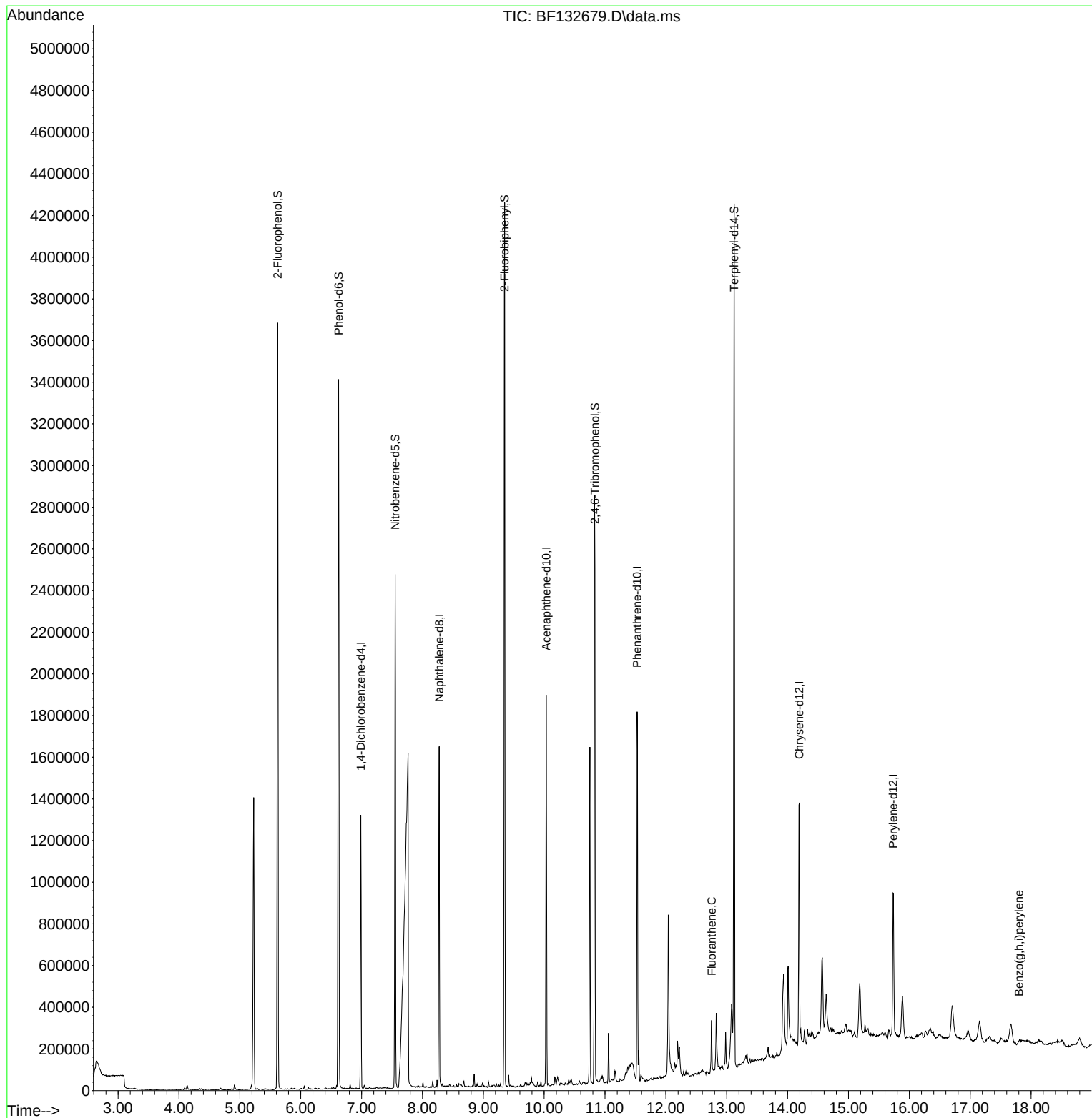
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.987	152	180883	20.000	ng	0.00
21) Naphthalene-d8	8.275	136	657645	20.000	ng	0.00
39) Acenaphthene-d10	10.034	164	356016	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	683596	20.000	ng	0.00
76) Chrysene-d12	14.192	240	415044	20.000	ng	0.00
86) Perylene-d12	15.733	264	352899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.622	112	1022926	91.782	ng	0.00
7) Phenol-d6	6.622	99	1296651	89.145	ng	0.00
23) Nitrobenzene-d5	7.551	82	832597	60.066	ng	-0.01
42) 2,4,6-Tribromophenol	10.834	330	348925	90.752	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1296847	55.465	ng	0.00
79) Terphenyl-d14	13.122	244	1510611	61.537	ng	0.00
Target Compounds						
75) Fluoranthene	12.751	202	83728	2.163	ng	99
92) Benzo(g,h,i)perylene	17.804	276	9714	2.055	ng	# 78

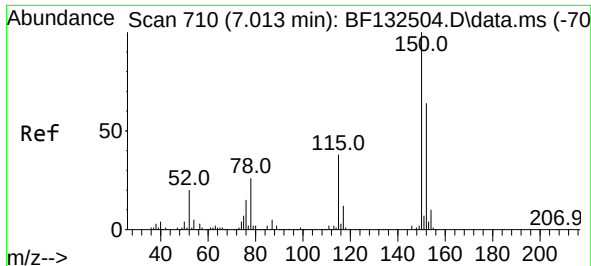
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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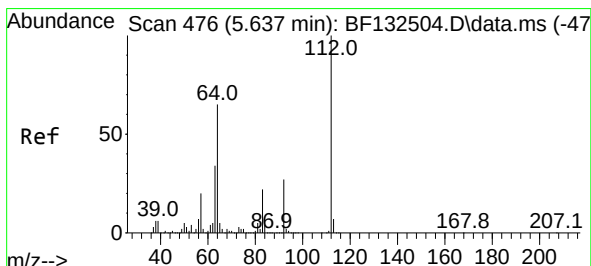
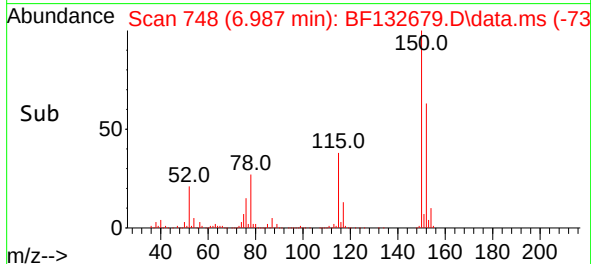
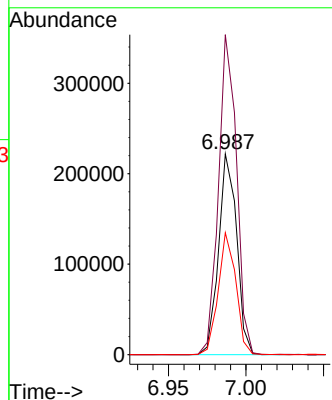
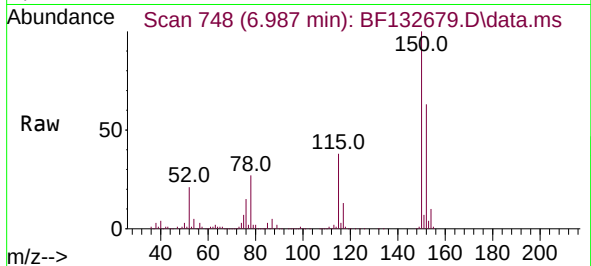




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.987 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

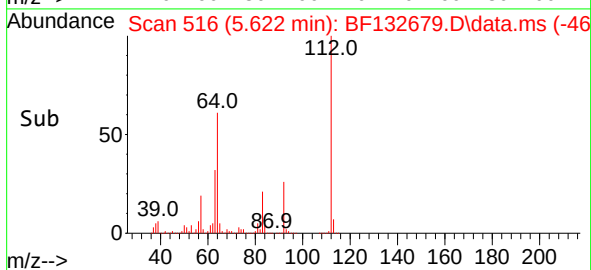
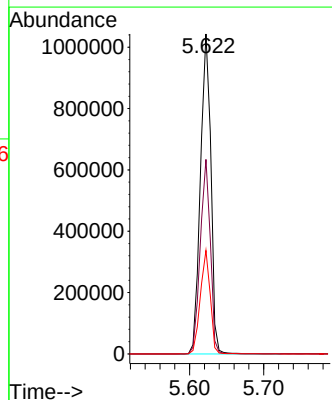
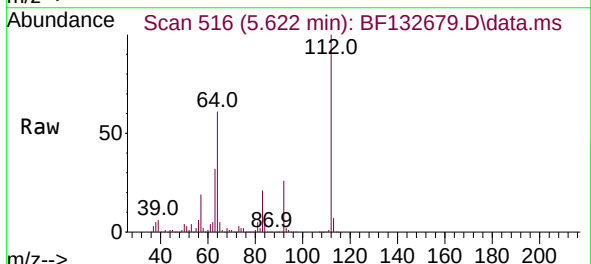
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

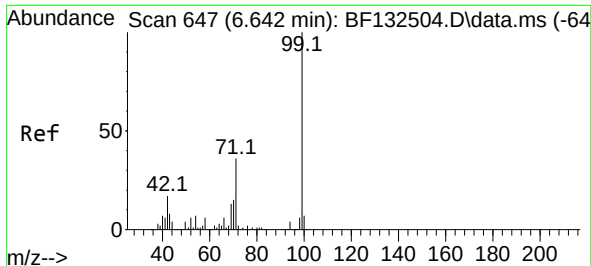
Tgt Ion:152 Resp: 180883
Ion Ratio Lower Upper
152 100
150 159.4 125.4 188.2
115 60.7 47.8 71.6



#5
2-Fluorophenol
Concen: 91.782 ng
RT: 5.622 min Scan# 516
Delta R.T. 0.006 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

Tgt Ion:112 Resp: 1022926
Ion Ratio Lower Upper
112 100
64 60.8 51.6 77.4
63 32.4 27.4 41.2

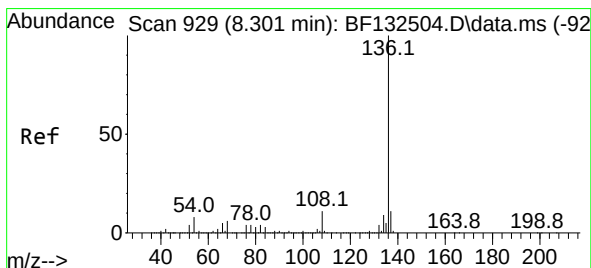
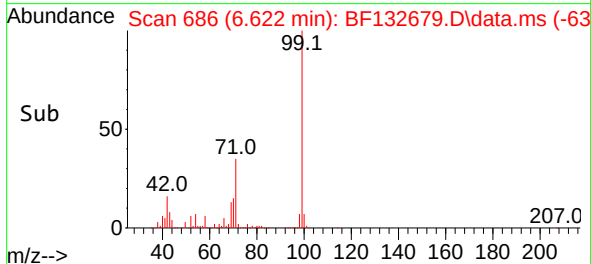
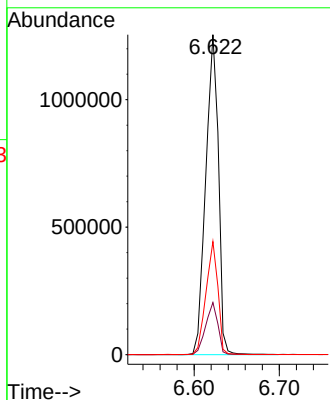
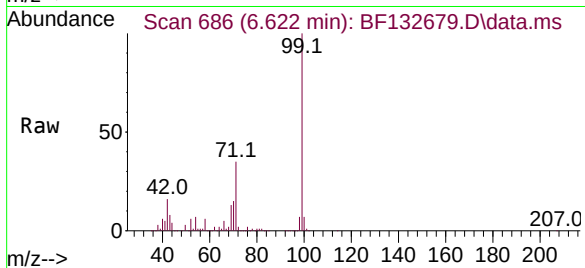




#7
Phenol-d6
Concen: 89.145 ng
RT: 6.622 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

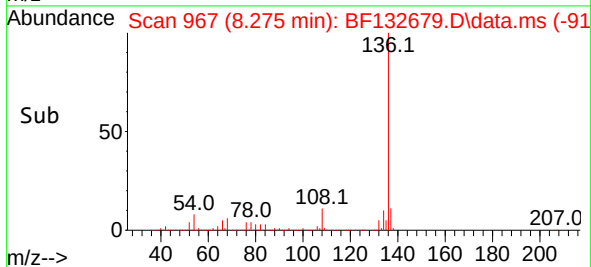
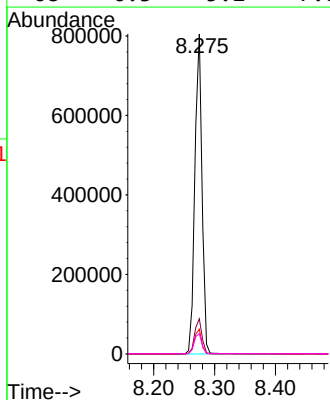
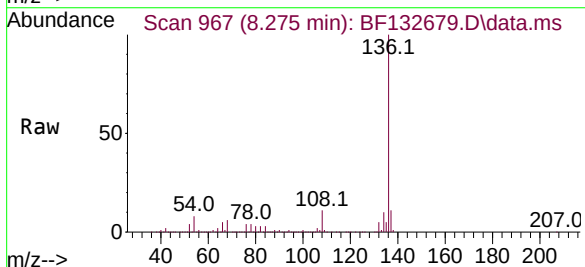
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

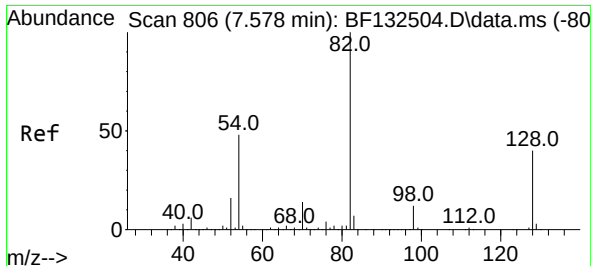
Tgt Ion: 99 Resp: 1296651
Ion Ratio Lower Upper
99 100
42 16.3 13.9 20.9
71 35.3 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.275 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

Tgt Ion: 136 Resp: 657645
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.7 6.2 9.4
68 6.3 5.2 7.8

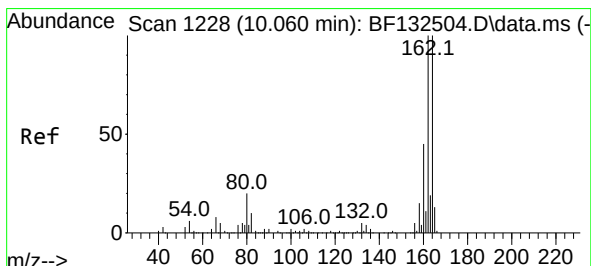
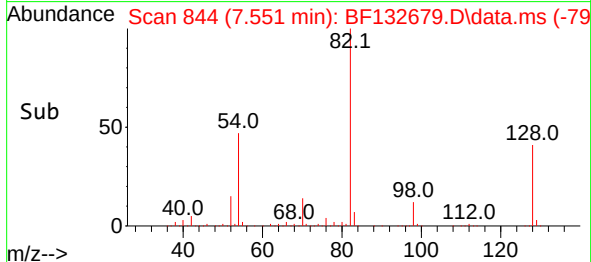
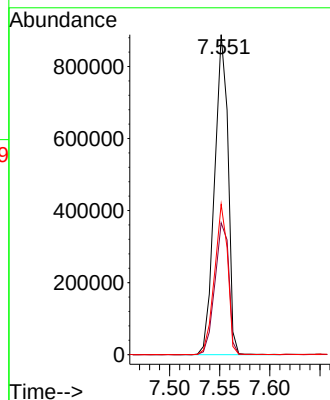
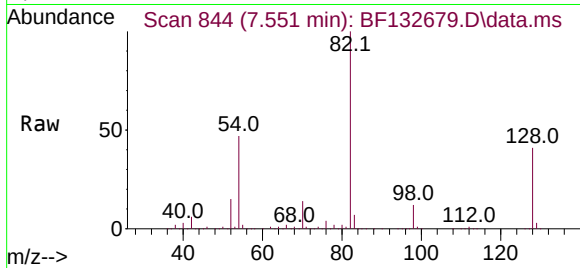




#23
Nitrobenzene-d5
Concen: 60.066 ng
RT: 7.551 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

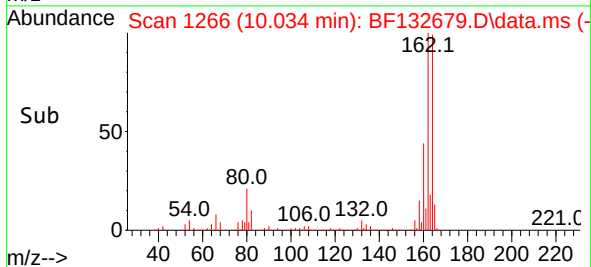
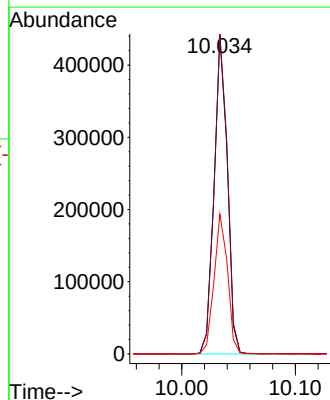
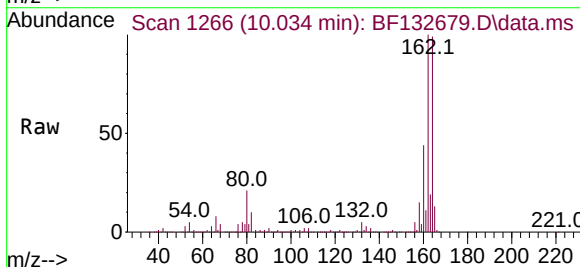
Instrument :
BNA_F
ClientSampleId :
WC-IDW-S-1

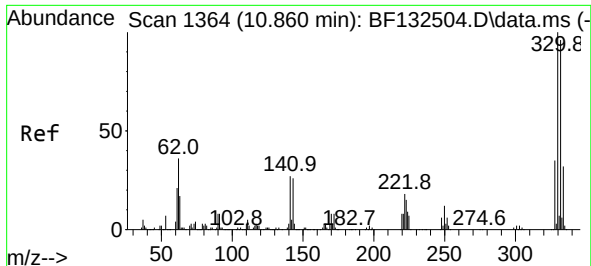
Tgt Ion: 82 Resp: 832597
Ion Ratio Lower Upper
82 100
128 41.2 32.2 48.2
54 47.0 38.4 57.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.034 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

Tgt Ion:164 Resp: 356016
Ion Ratio Lower Upper
164 100
162 100.6 79.8 119.8
160 43.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 90.752 ng

RT: 10.834 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF132679.D

Acq: 07 Mar 2023 15:52

Instrument :

BNA_F

ClientSampleId :

WC-IDW-S-1

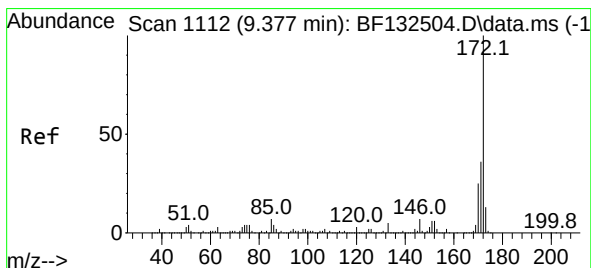
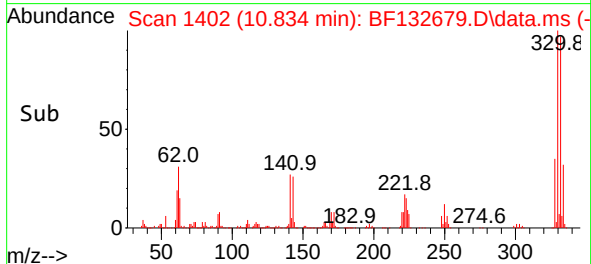
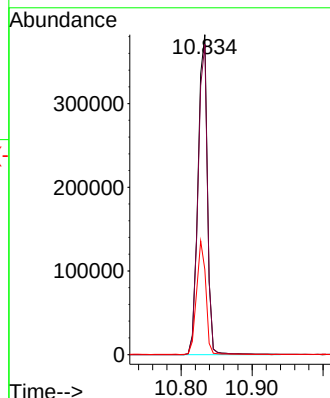
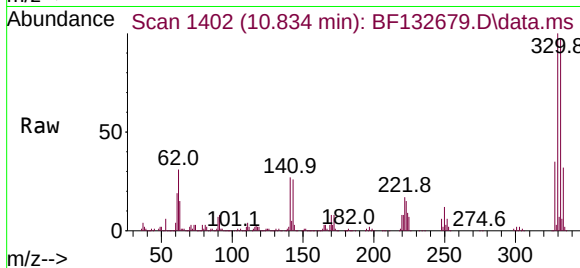
Tgt Ion:330 Resp: 348925

Ion Ratio Lower Upper

330 100

332 97.0 76.2 114.4

141 34.9 28.4 42.6



#45

2-Fluorobiphenyl

Concen: 55.465 ng

RT: 9.351 min Scan# 1150

Delta R.T. -0.006 min

Lab File: BF132679.D

Acq: 07 Mar 2023 15:52

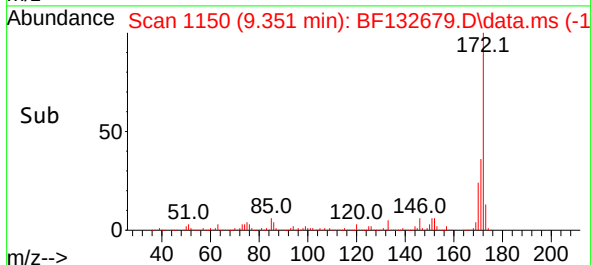
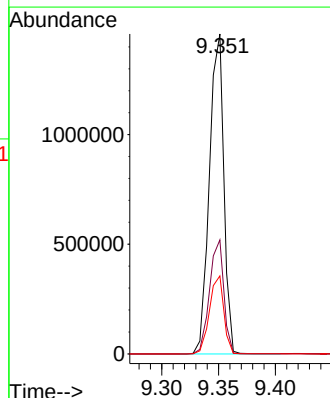
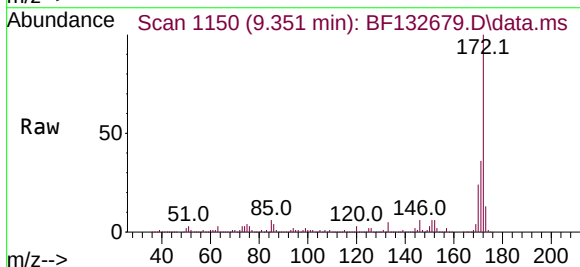
Tgt Ion:172 Resp: 1296847

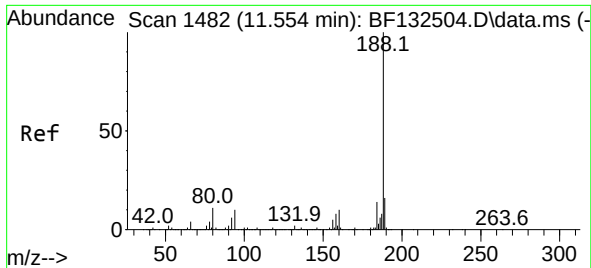
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.4 19.7 29.5

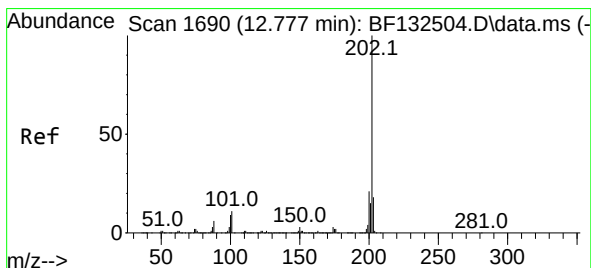
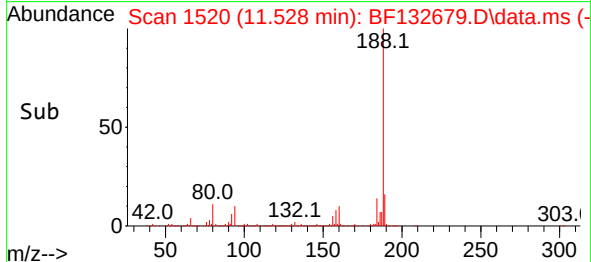
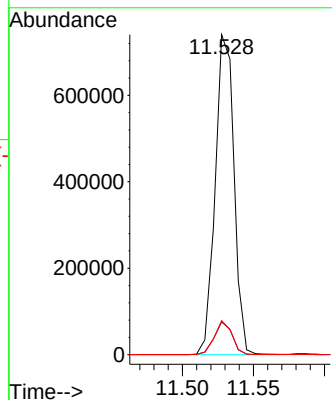
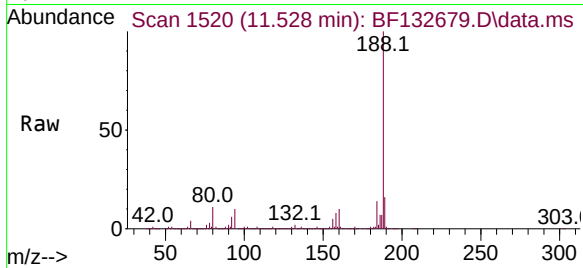




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.528 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

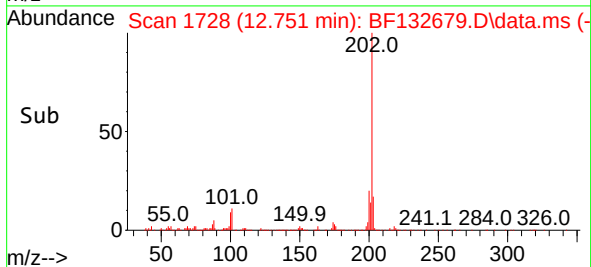
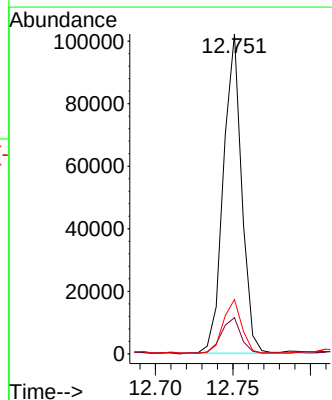
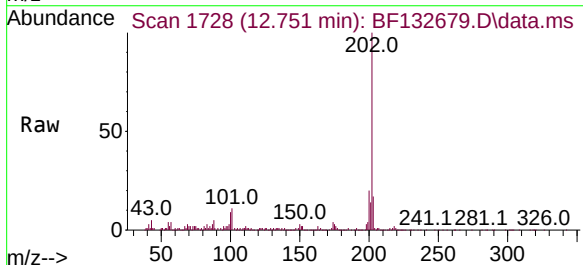
Instrument :
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WC-IDW-S-1

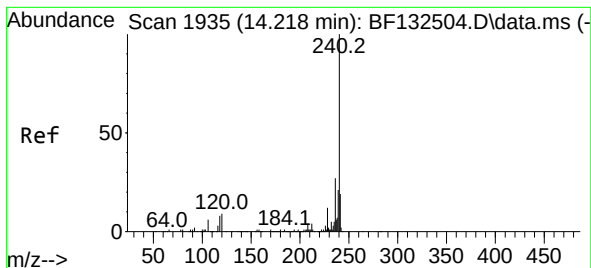
Tgt Ion:188 Resp: 683596
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 10.6 8.7 13.1



#75
Fluoranthene
Concen: 2.163 ng
RT: 12.751 min Scan# 1728
Delta R.T. -0.006 min
Lab File: BF132679.D
Acq: 07 Mar 2023 15:52

Tgt Ion:202 Resp: 83728
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.4
203 17.0 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.192 min Scan# 1935

Delta R.T. -0.006 min

Lab File: BF132679.D

Acq: 07 Mar 2023 15:52

Instrument :

BNA_F

ClientSampleId :

WC-IDW-S-1

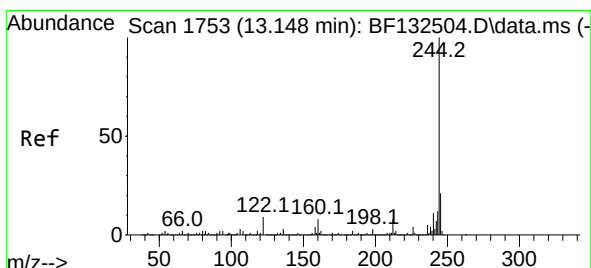
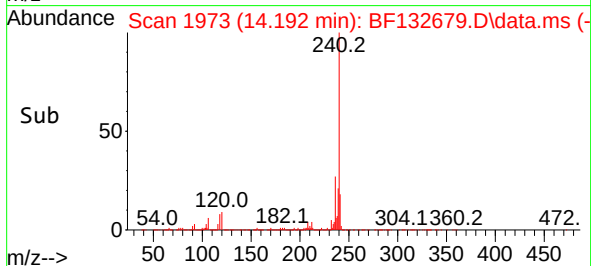
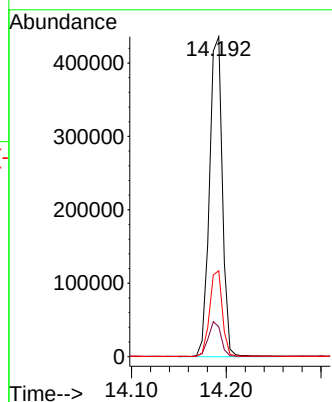
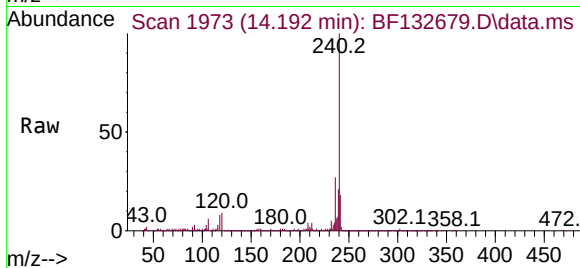
Tgt Ion:240 Resp: 415044

Ion Ratio Lower Upper

240 100

120 9.3 7.2 10.8

236 26.8 21.8 32.6



#79

Terphenyl-d14

Concen: 61.537 ng

RT: 13.122 min Scan# 1791

Delta R.T. -0.006 min

Lab File: BF132679.D

Acq: 07 Mar 2023 15:52

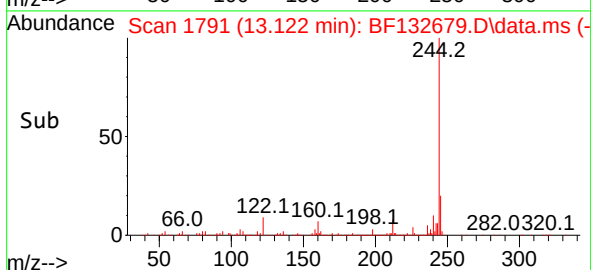
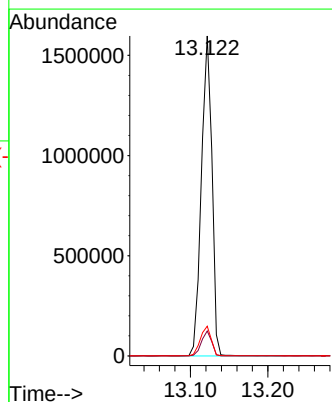
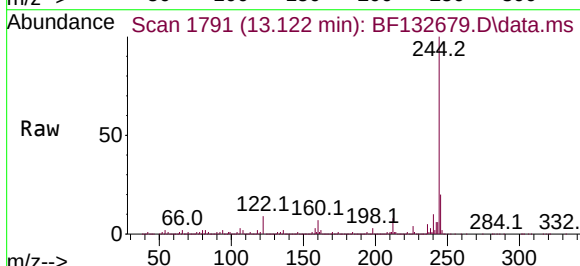
Tgt Ion:244 Resp: 1510611

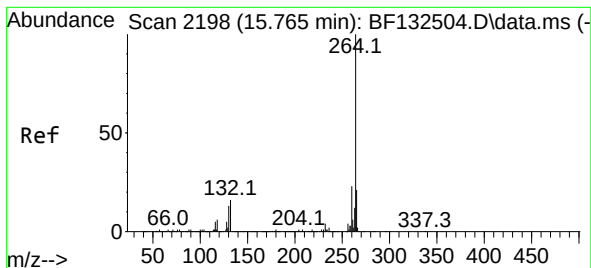
Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

122 9.3 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: BF132679.D

Acq: 07 Mar 2023 15:52

Instrument :

BNA_F

ClientSampleId :

WC-IDW-S-1

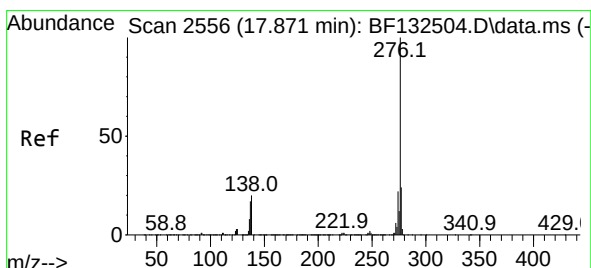
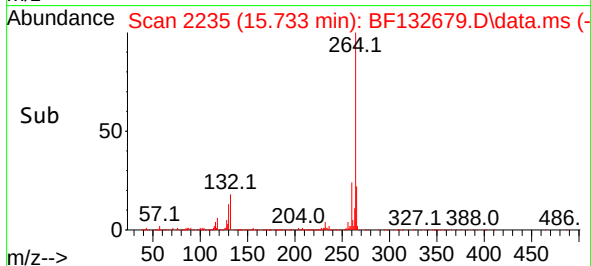
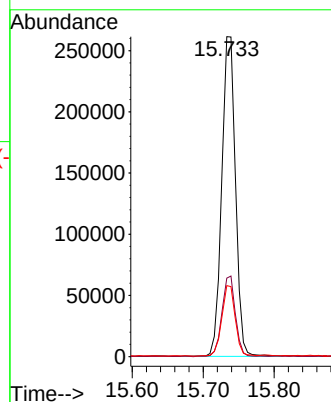
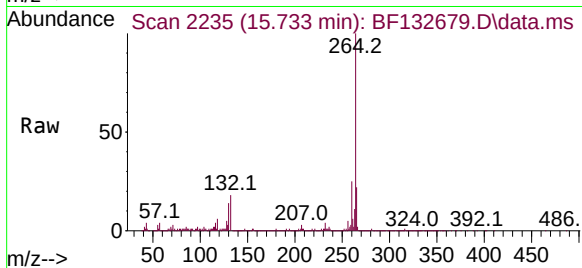
Tgt Ion:264 Resp: 352899

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 22.2 17.1 25.7



#92

Benzo(g,h,i)perylene

Concen: 2.055 ng

RT: 17.804 min Scan# 2587

Delta R.T. -0.029 min

Lab File: BF132679.D

Acq: 07 Mar 2023 15:52

Tgt Ion:276 Resp: 9714

Ion Ratio Lower Upper

276 100

277 30.4 18.9 28.3#

138 35.1 16.2 24.4#

