

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130294.D
 Acq On : 16 Sep 2022 17:13
 Operator : CG\JU
 Sample : SP6010
 Misc : 8270 SURROGATE
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP6010

Quant Time: Sep 17 03:25:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 03:22:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.663	152	86927	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	363806	20.000	ng	0.00
39) Acenaphthene-d10	9.698	164	197597	20.000	ng	0.00
64) Phenanthrene-d10	11.175	188	357881	20.000	ng	0.00
76) Chrysene-d12	13.804	240	253892	20.000	ng	0.00
86) Perylene-d12	15.198	264	189763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.281	112	880732	175.733	ng	0.02
7) Phenol-d6	6.304	99	1072038	170.956	ng	0.00
23) Nitrobenzene-d5	7.234	82	697554	97.956	ng	0.00
42) 2,4,6-Tribromophenol	10.486	330	370082	195.463	ng	0.00
45) 2-Fluorobiphenyl	9.028	172	1373468	101.218	ng	0.00
79) Terphenyl-d14	12.769	244	1619979	105.694	ng	0.00

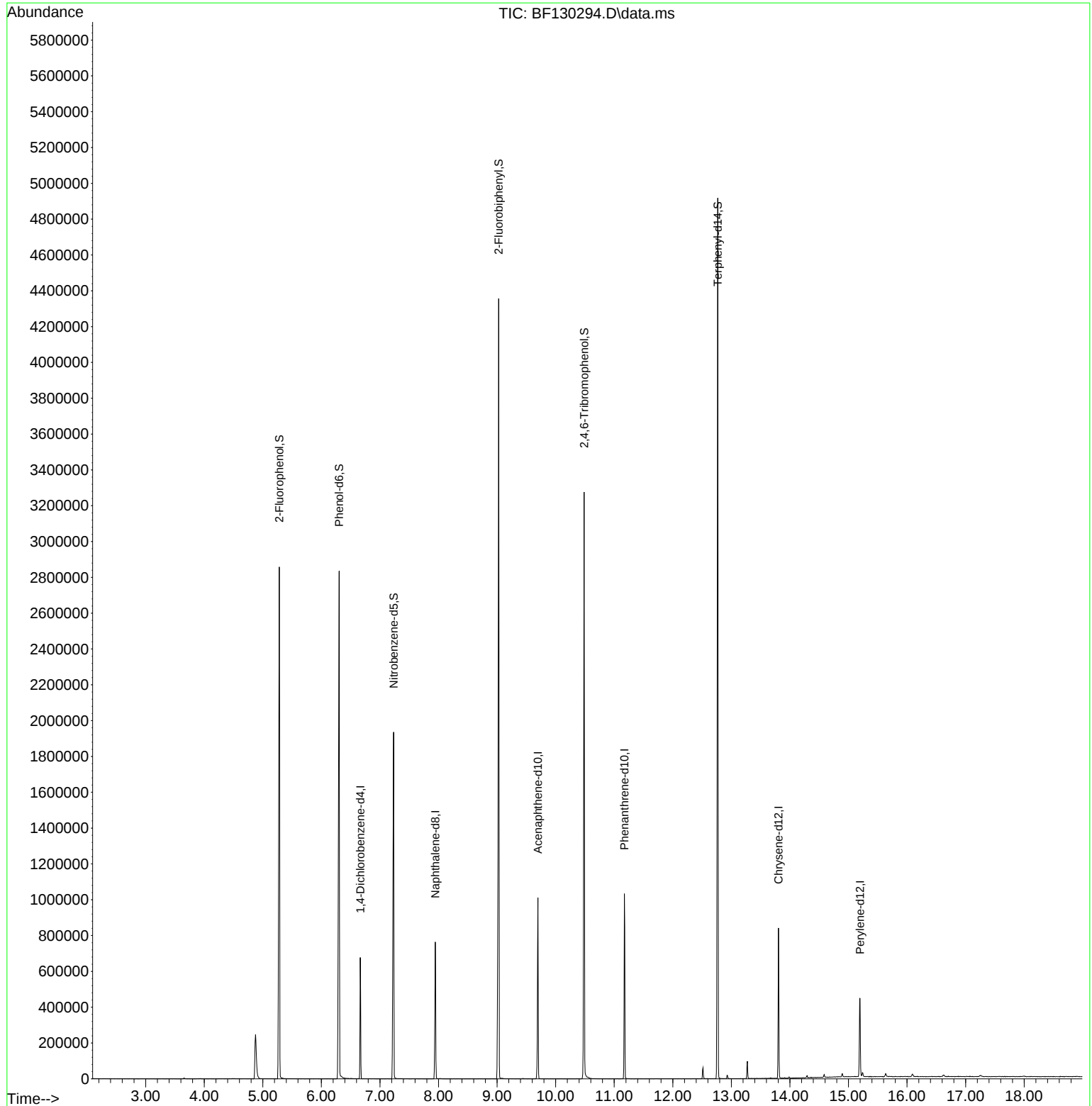
Target Compounds	Qvalue

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

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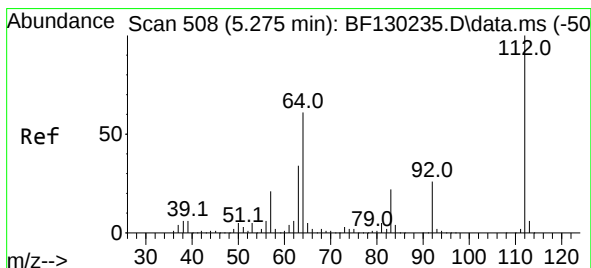
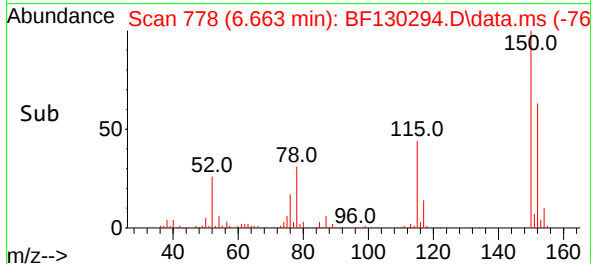
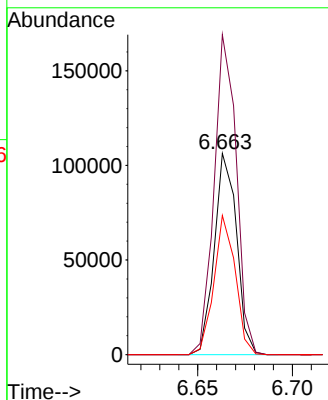
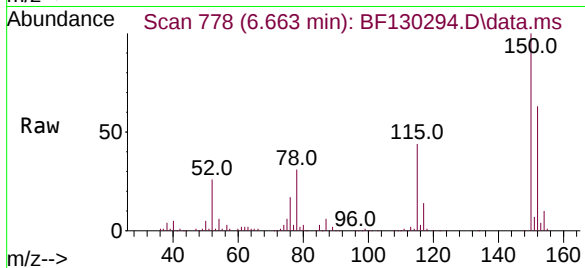




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.663 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

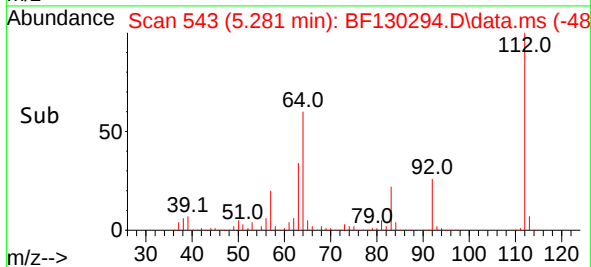
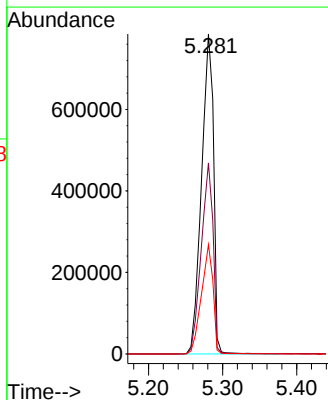
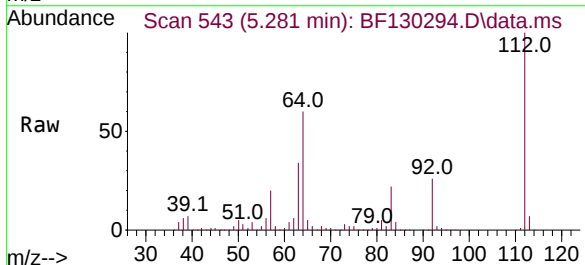
Instrument :
BNA_F
ClientSampleId :
SP6010

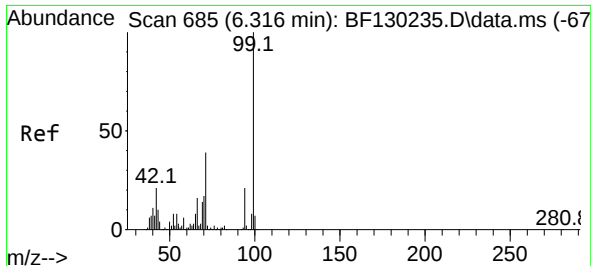
Tgt Ion:152 Resp: 86927
Ion Ratio Lower Upper
152 100
150 159.0 122.8 184.2
115 69.2 53.8 80.8



#5
2-Fluorophenol
Concen: 175.733 ng
RT: 5.281 min Scan# 543
Delta R.T. 0.018 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

Tgt Ion:112 Resp: 880732
Ion Ratio Lower Upper
112 100
64 59.7 51.4 77.0
63 34.1 28.8 43.2



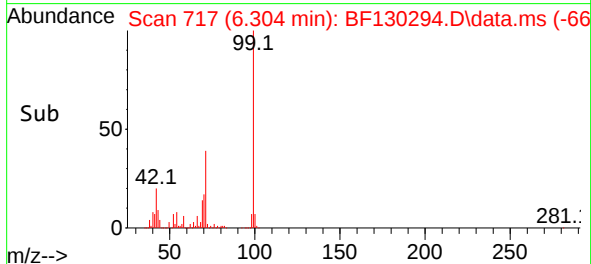
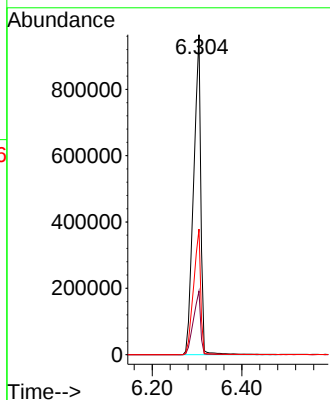
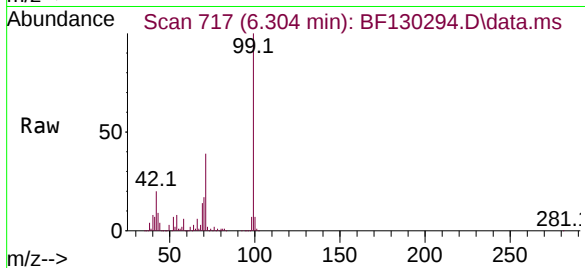


#7
Phenol-d6
Concen: 170.956 ng
RT: 6.304 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

Instrument :
BNA_F
ClientSampleId :
SP6010

Tgt Ion: 99 Resp: 1072038

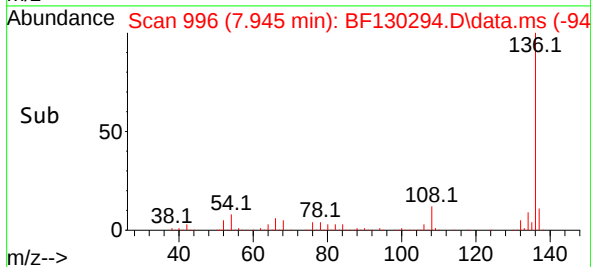
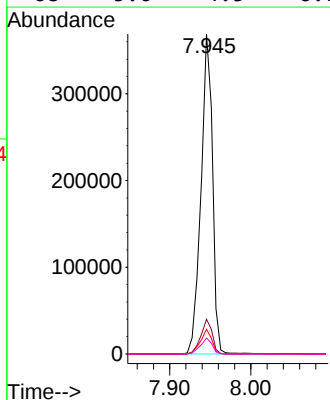
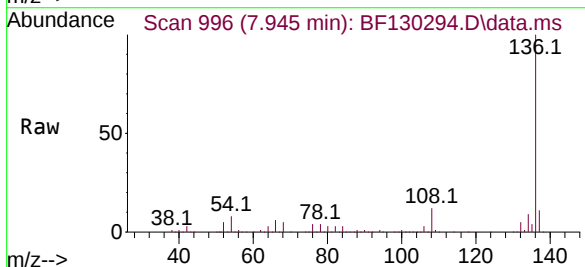
Ion	Ratio	Lower	Upper
99	100		
42	19.8	17.0	25.6
71	39.2	32.3	48.5

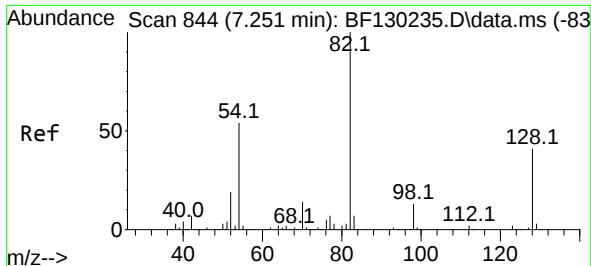


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF130294.D
Acq: 16 Sep 2022 17:13

Tgt Ion: 136 Resp: 363806

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	7.7	7.1	10.7
68	5.0	4.5	6.7





#23

Nitrobenzene-d5

Concen: 97.956 ng

RT: 7.234 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130294.D

Acq: 16 Sep 2022 17:13

Instrument :

BNA_F

ClientSampleId :

SP6010

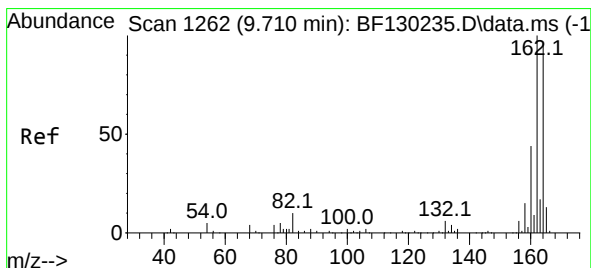
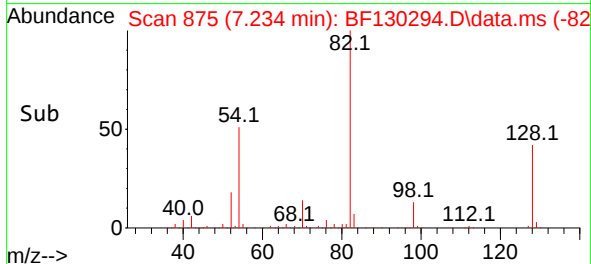
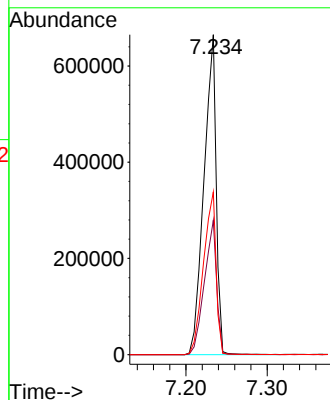
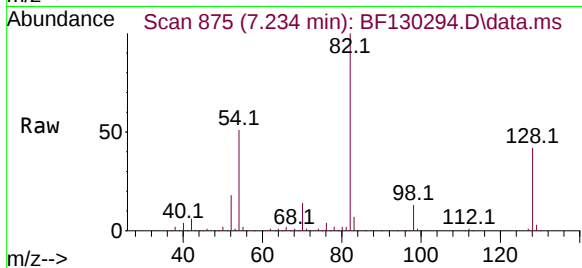
Tgt Ion: 82 Resp: 697554

Ion Ratio Lower Upper

82 100

128 42.0 32.6 49.0

54 50.8 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.698 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BF130294.D

Acq: 16 Sep 2022 17:13

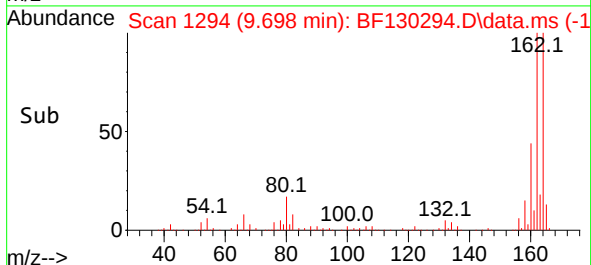
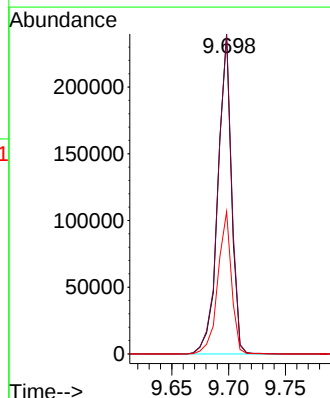
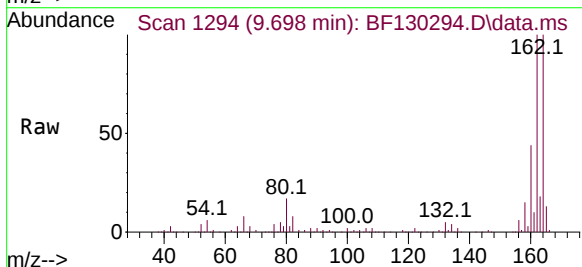
Tgt Ion:164 Resp: 197597

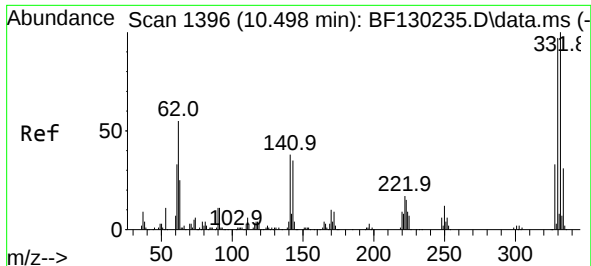
Ion Ratio Lower Upper

164 100

162 100.2 81.4 122.0

160 44.5 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 195.463 ng

RT: 10.486 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF130294.D

Acq: 16 Sep 2022 17:13

Instrument :

BNA_F

ClientSampleId :

SP6010

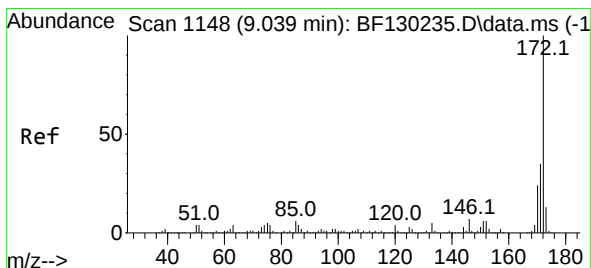
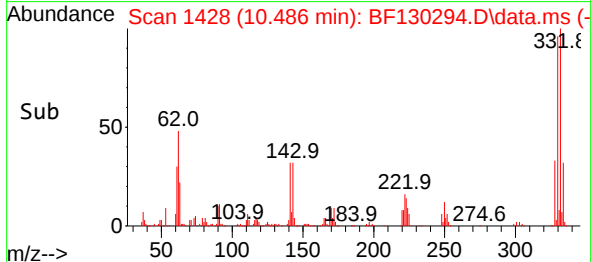
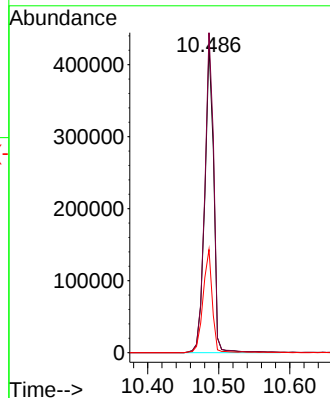
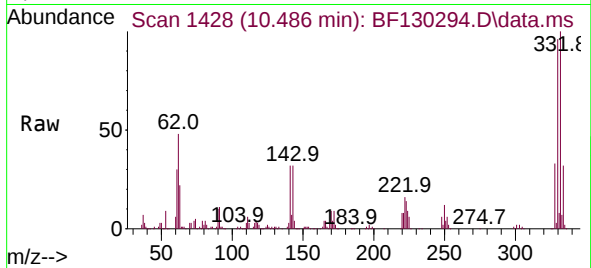
Tgt Ion:330 Resp: 370082

Ion Ratio Lower Upper

330 100

332 104.8 83.4 125.2

141 34.3 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 101.218 ng

RT: 9.028 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF130294.D

Acq: 16 Sep 2022 17:13

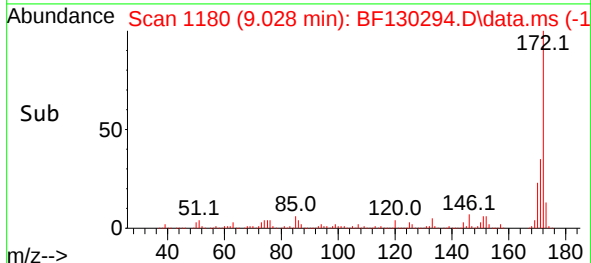
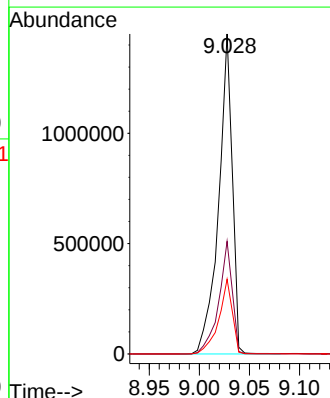
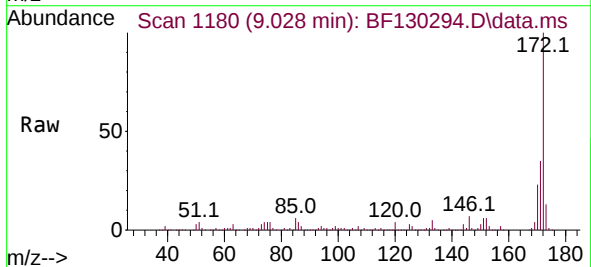
Tgt Ion:172 Resp: 1373468

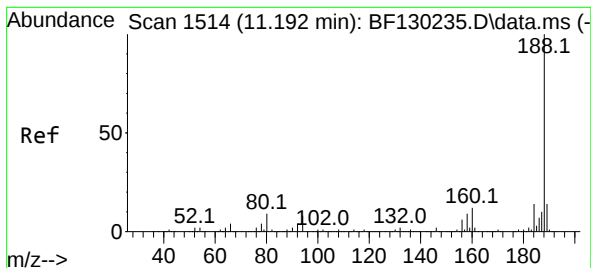
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.175 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130294.D

Acq: 16 Sep 2022 17:13

Instrument :

BNA_F

ClientSampleId :

SP6010

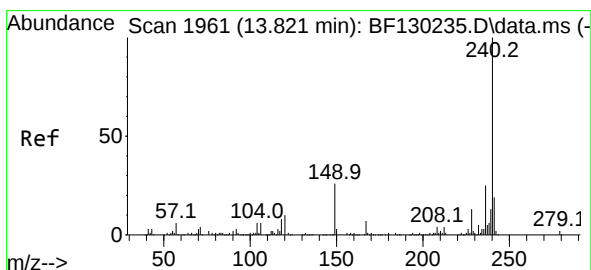
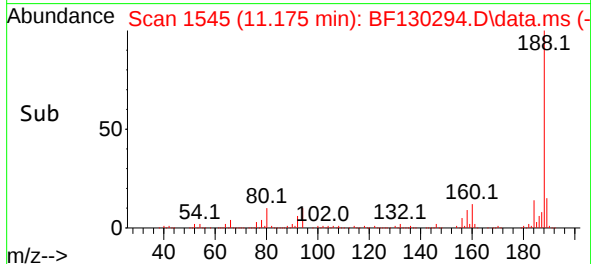
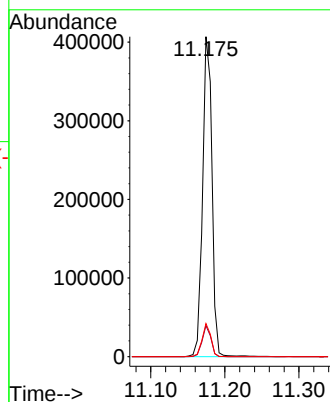
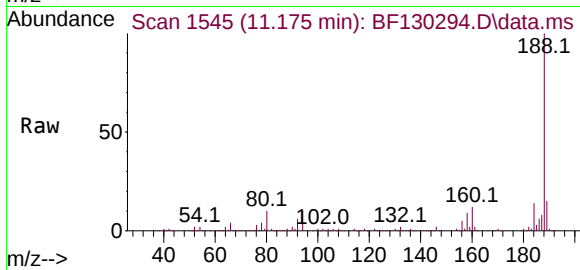
Tgt Ion:188 Resp: 357881

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

80 10.3 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.804 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BF130294.D

Acq: 16 Sep 2022 17:13

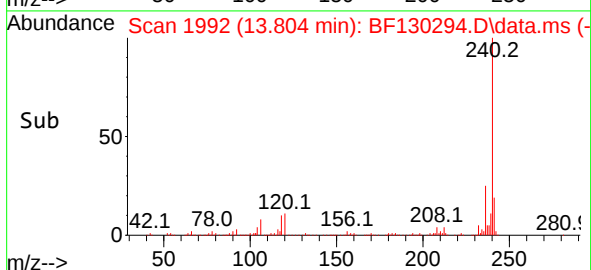
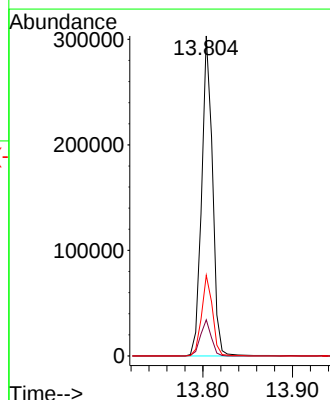
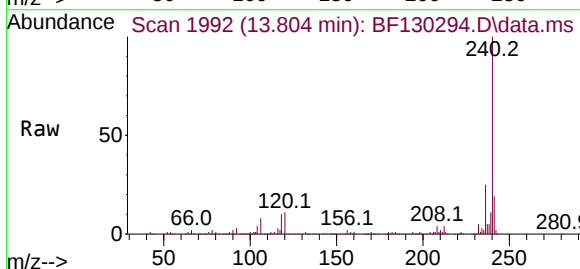
Tgt Ion:240 Resp: 253892

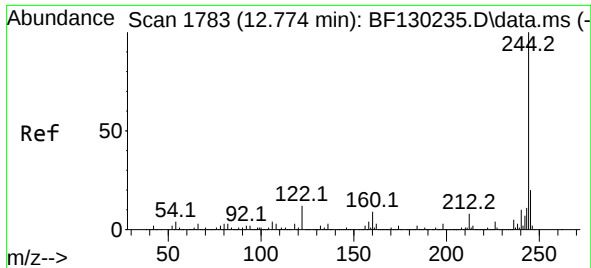
Ion Ratio Lower Upper

240 100

120 11.3 8.7 13.1

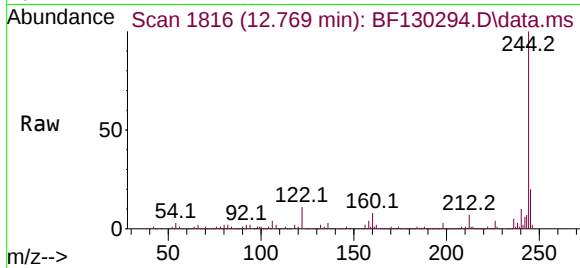
236 25.2 20.9 31.3



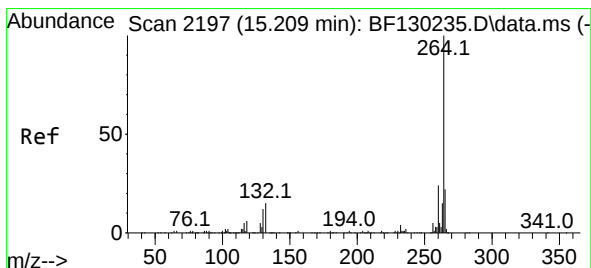
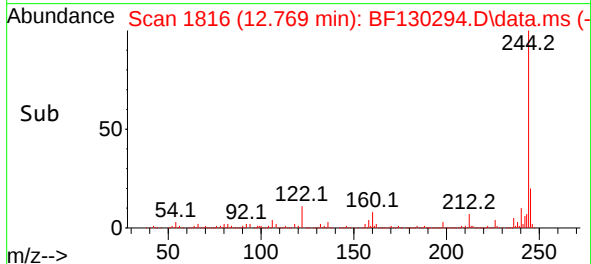
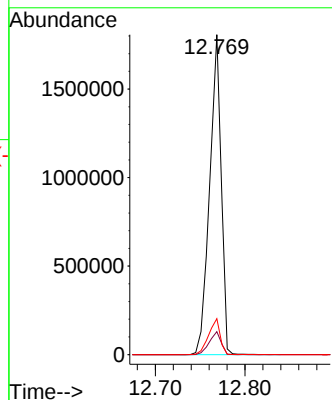


#79
 Terphenyl-d14
 Concen: 105.694 ng
 RT: 12.769 min Scan# 1816
 Delta R.T. 0.000 min
 Lab File: BF130294.D
 Acq: 16 Sep 2022 17:13

Instrument :
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 SP6010



Tgt Ion:244 Resp: 1619979
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.2 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.198 min Scan# 2229
 Delta R.T. 0.000 min
 Lab File: BF130294.D
 Acq: 16 Sep 2022 17:13

Tgt Ion:264 Resp: 189763
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 21.7 17.0 25.4

