

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF073120\
 Data File : BF121167.D
 Acq On : 31 Jul 2020 19:29
 Operator : JU/CG
 Sample : L3507-01 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-073020

Quant Time: Aug 01 00:59:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 29 14:55:43 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	133001	20.00	ng	-0.01
21) Naphthalene-d8	8.07	136	511228	20.00	ng	-0.01
39) Acenaphthene-d10	9.83	164	257366	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	465212	20.00	ng	0.00
76) Chrysene-d12	13.96	240	314911	20.00	ng	0.00
86) Perylene-d12	15.42	264	358774	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	116834	14.40	ng	-0.01
7) Phenol-d6	6.43	99	148023	14.12	ng	-0.02
23) Nitrobenzene-d5	7.35	82	94493	10.70	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	39814	14.13	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	192297	11.16	ng	-0.01
79) Terphenyl-d14	12.90	244	165065	11.39	ng	0.00

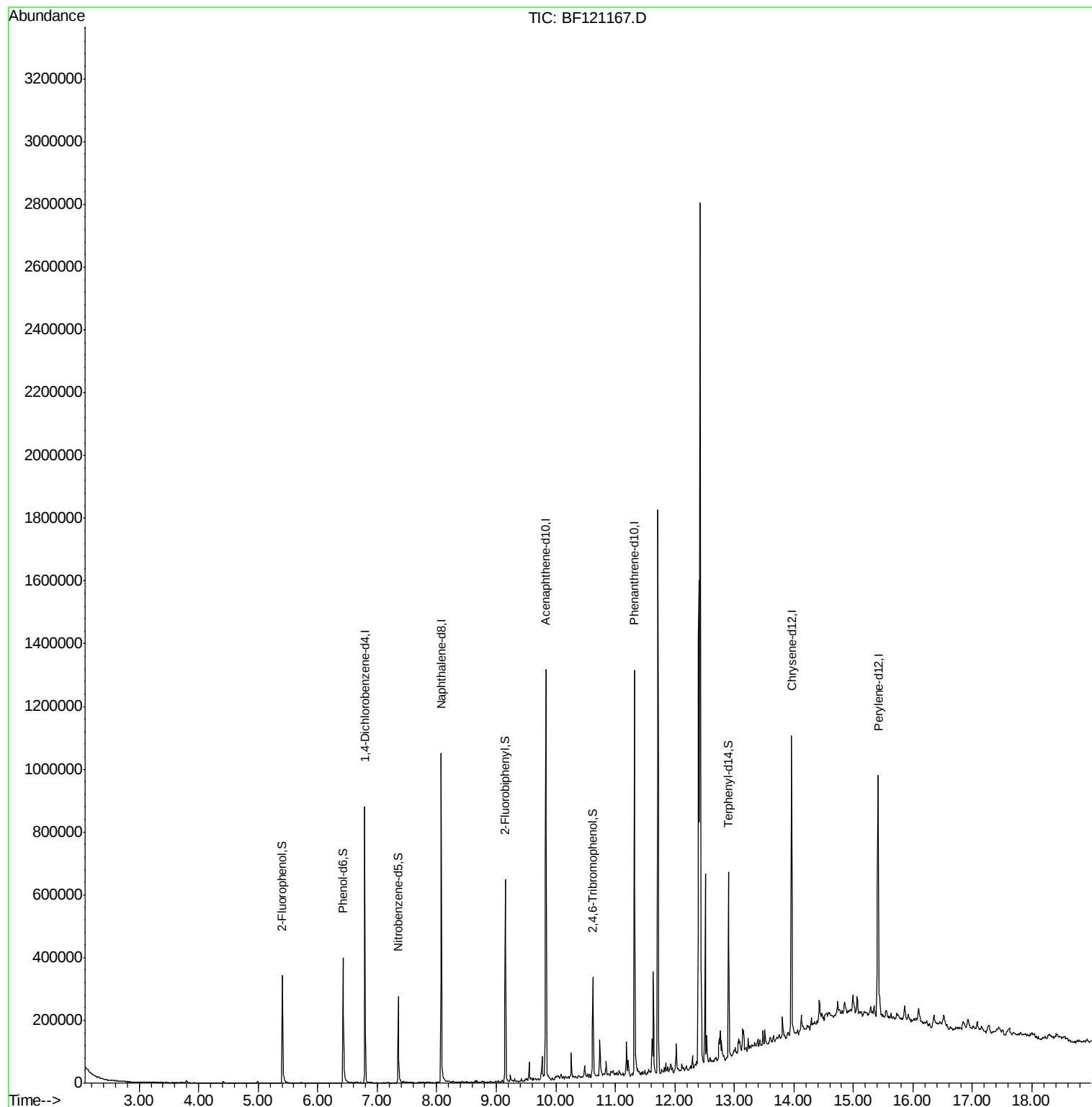
Target Compounds Qvalue

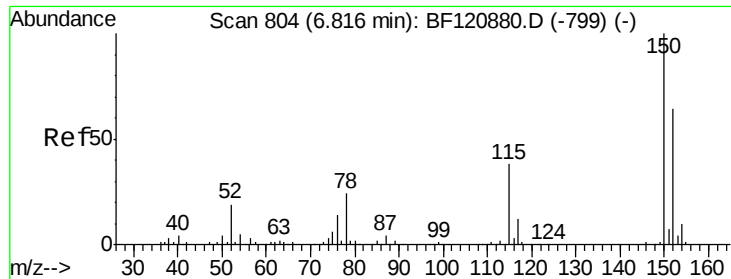
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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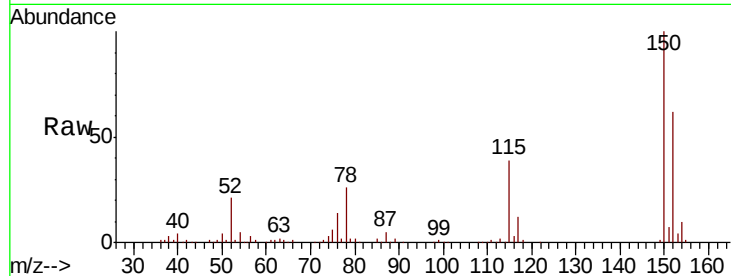


#1

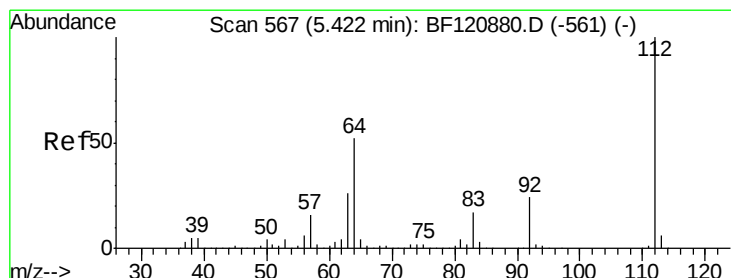
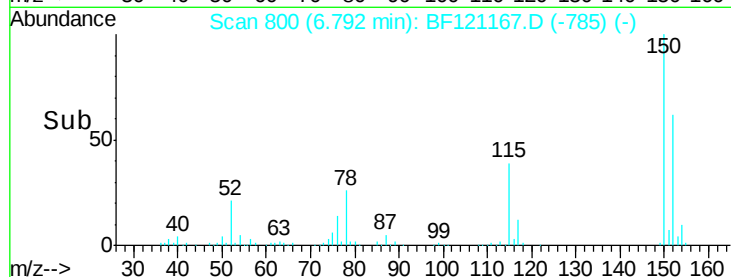
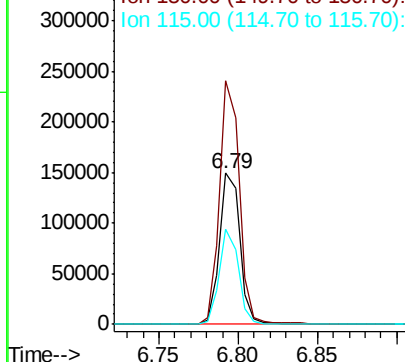
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: BF121167.D
 Acq: 31 Jul 2020 19:29

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-073020

Tot Ion:152 Resp: 133001
 Ion Ratio Lower Upper
 152 100
 150 161.1 125.6 188.4
 115 62.8 46.2 69.2



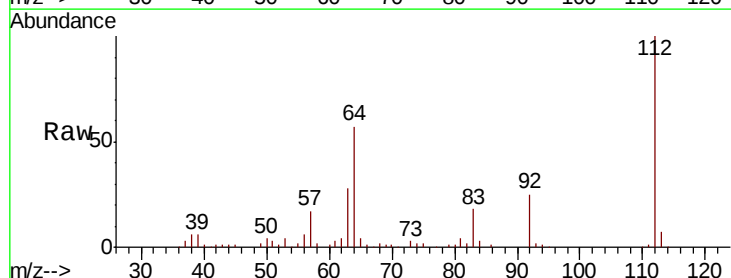
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



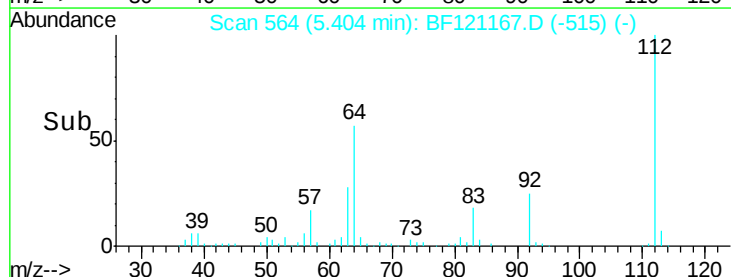
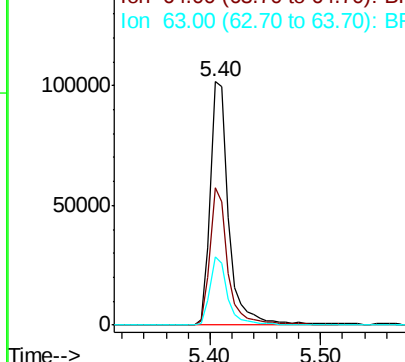
#5

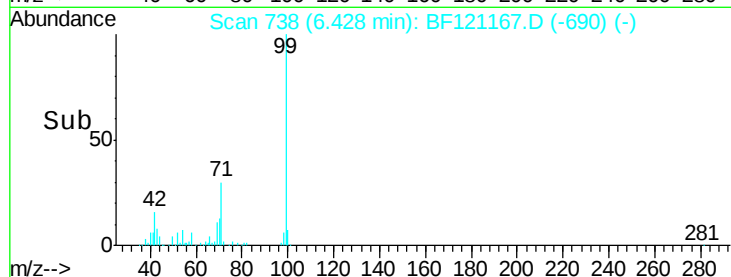
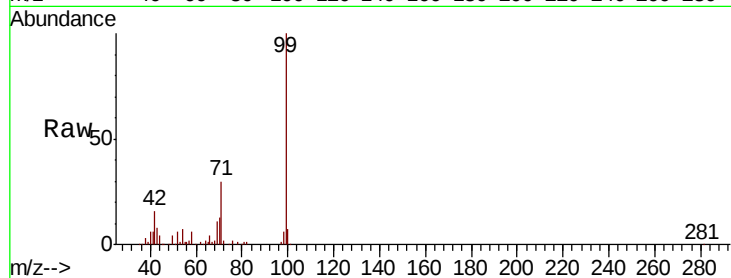
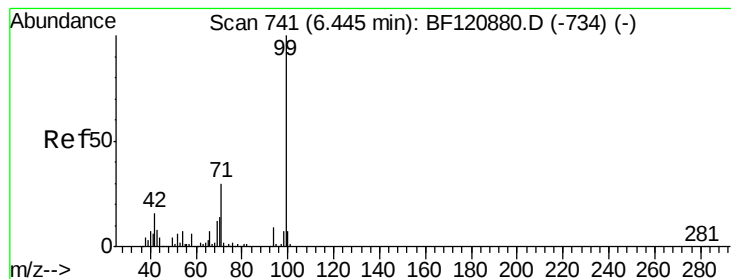
2-Fluorophenol
 Concen: 14.401 ng
 RT: 5.40 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: BF121167.D
 Acq: 31 Jul 2020 19:29

Tgt Ion:112 Resp: 116834
 Ion Ratio Lower Upper
 112 100
 64 56.7 43.9 65.9
 63 27.9 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 14.124 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF121167.D

Acq: 31 Jul 2020 19:29

Instrument :

BNA_F

ClientSampleId :

SU-01-073020

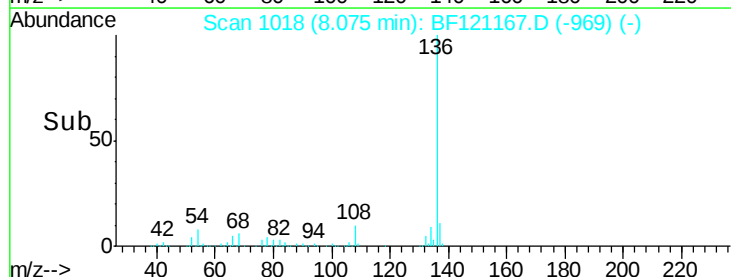
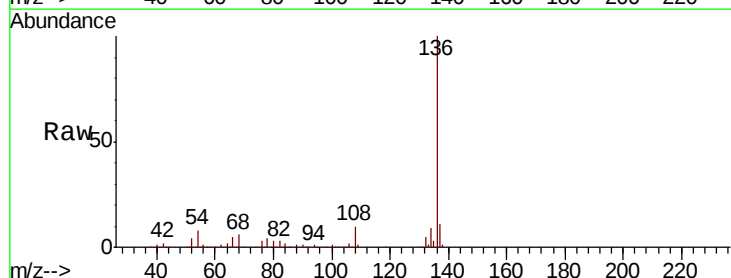
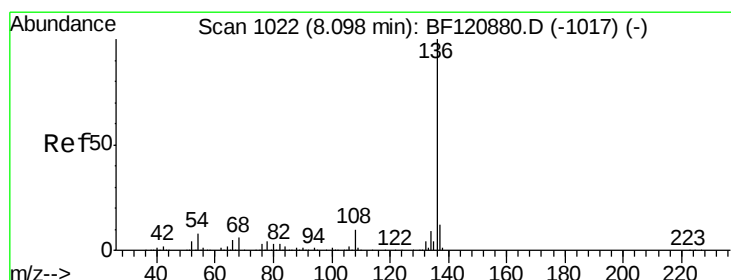
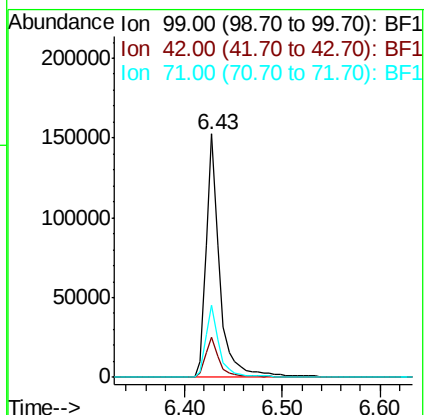
Tot Ion: 99 Resp: 148023

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

71 29.7 25.0 37.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF121167.D

Acq: 31 Jul 2020 19:29

Tgt Ion: 136 Resp: 511228

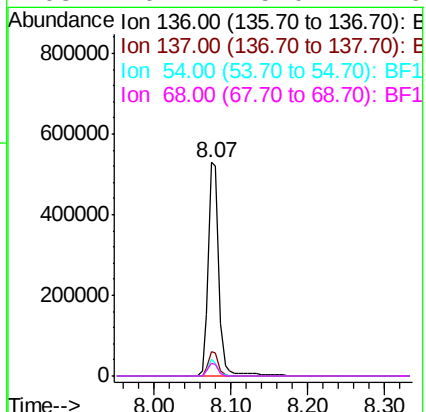
Ion Ratio Lower Upper

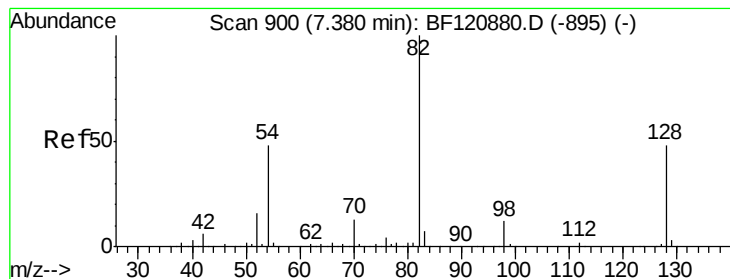
136 100

137 11.3 9.0 13.4

54 7.7 6.1 9.1

68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 10.695 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF121167.D

Acq: 31 Jul 2020 19:29

Instrument :

BNA_F

ClientSampleId :

SU-01-073020

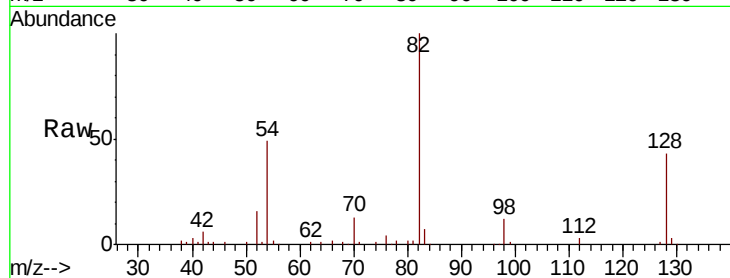
Tot Ion: 82 Resp: 94493

Ion Ratio Lower Upper

82 100

128 43.0 39.2 58.8

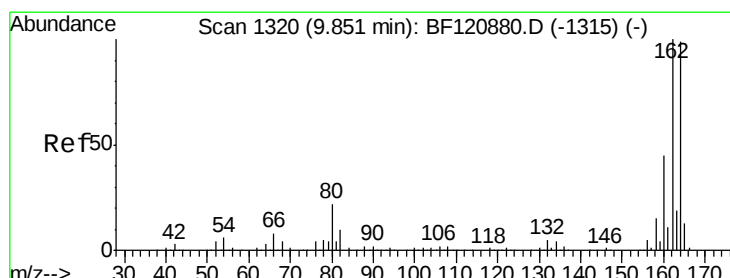
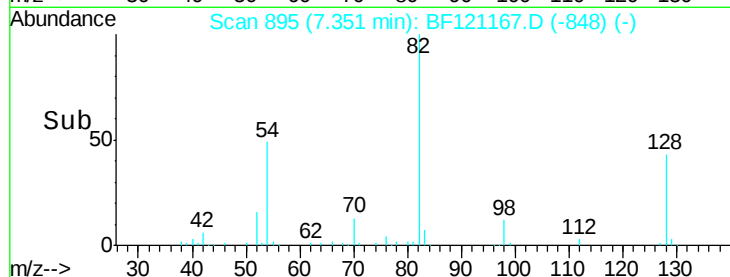
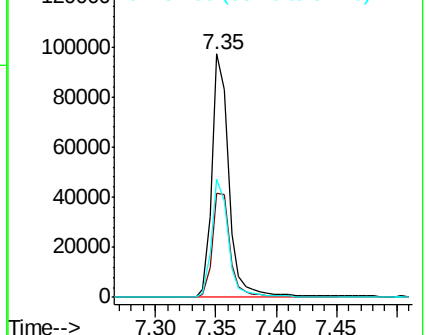
54 48.6 37.8 56.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF121167.D

Acq: 31 Jul 2020 19:29

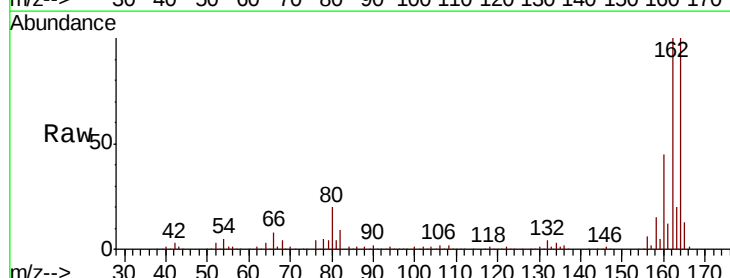
Tgt Ion: 164 Resp: 257366

Ion Ratio Lower Upper

164 100

162 99.8 82.2 123.2

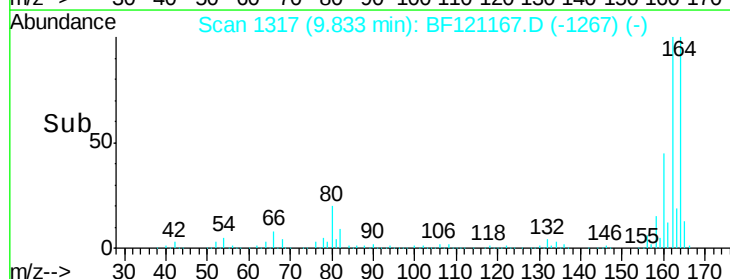
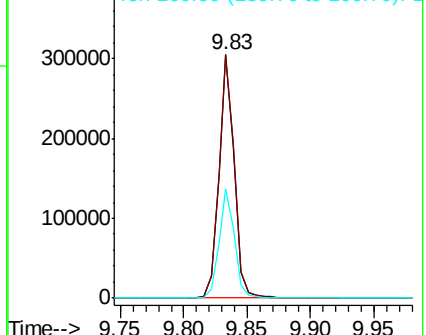
160 44.9 37.2 55.8

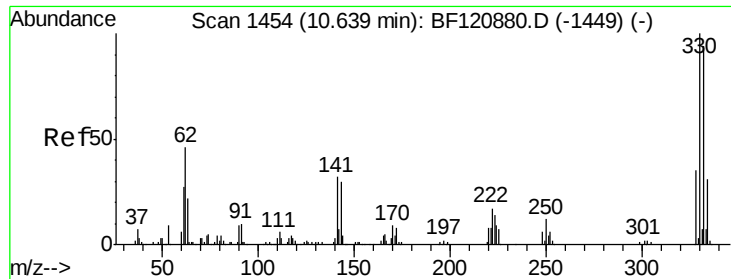


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

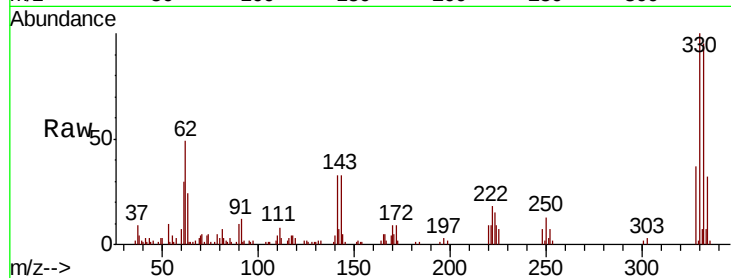




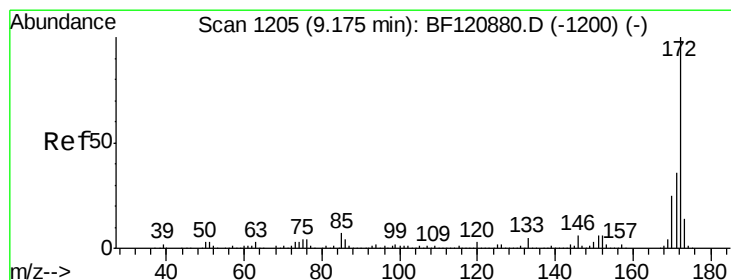
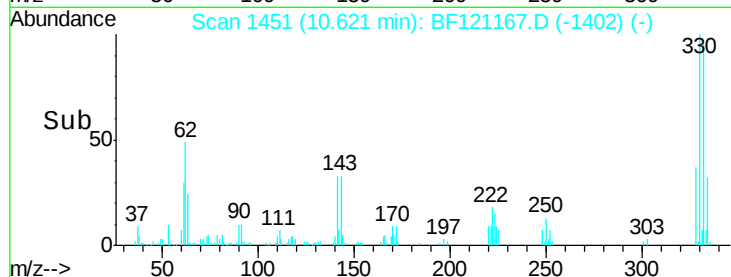
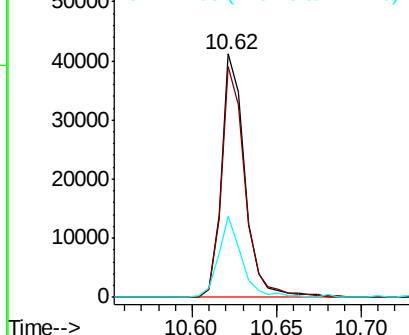
#42
 2,4,6-Tribromophenol
 Concen: 14.133 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF121167.D
 Acq: 31 Jul 2020 19:29

Instrument :
 BNA_F
 ClientSampleId :
 SU-01-073020

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.1	114.1
141	33.5	24.1	36.1

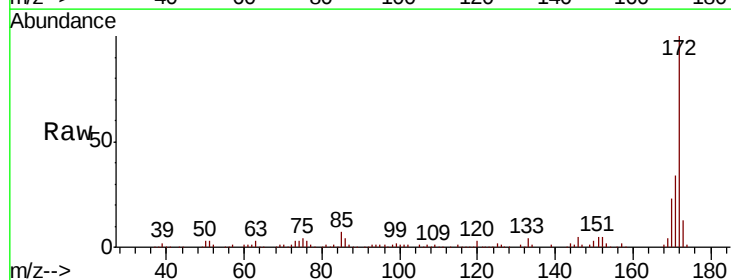


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

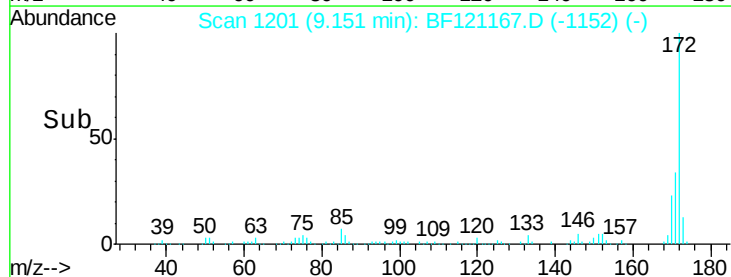
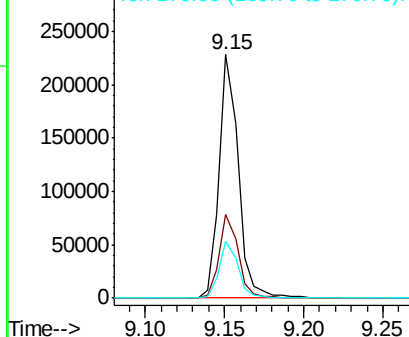


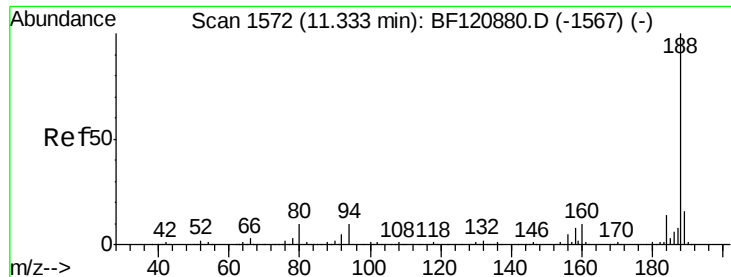
#45
 2-Fluorobiphenyl
 Concen: 11.156 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF121167.D
 Acq: 31 Jul 2020 19:29

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	29.0	43.4
170	23.2	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

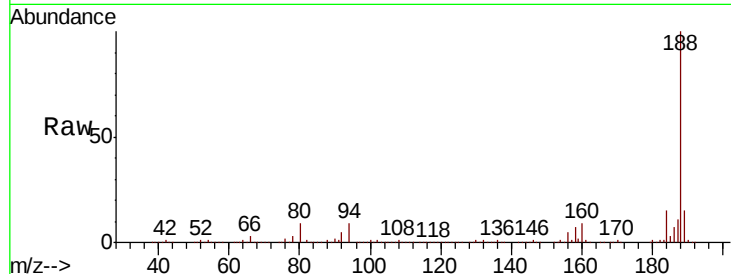




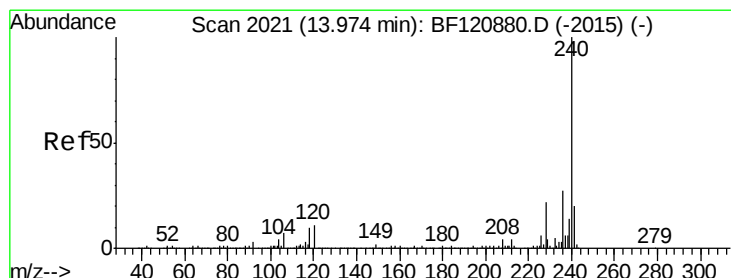
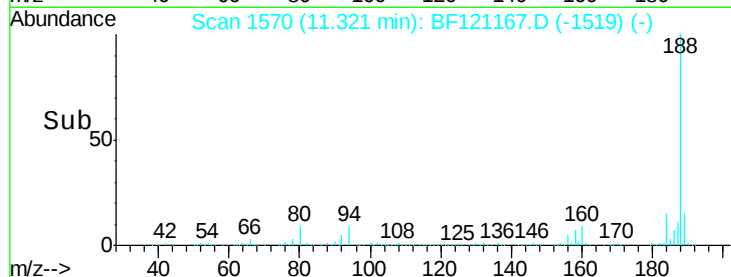
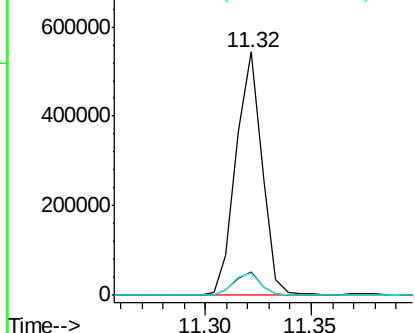
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121167.D
Acq: 31 Jul 2020 19:29

Instrument :
BNA_F
ClientSampleId :
SU-01-073020

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.0	12.0
80	9.4	8.3	12.5

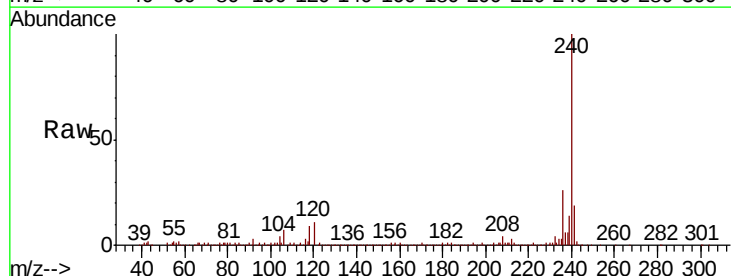


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

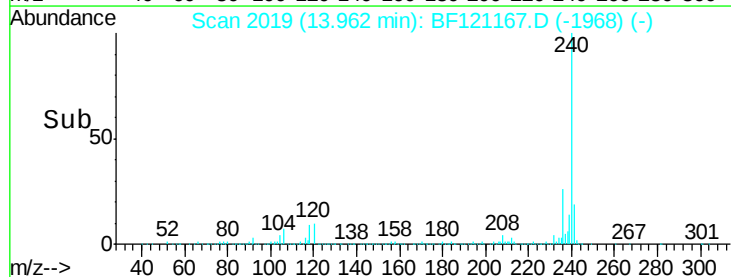
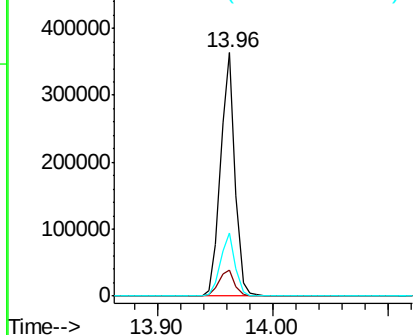


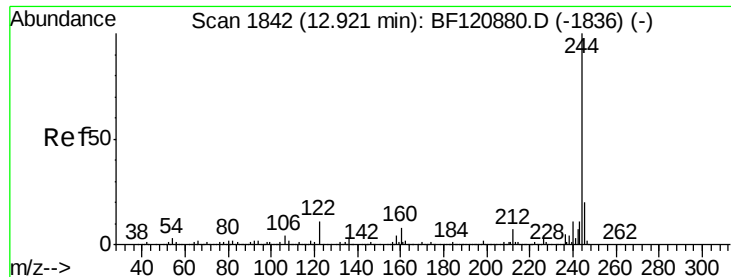
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.00 min
Lab File: BF121167.D
Acq: 31 Jul 2020 19:29

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.3	13.9
236	26.0	21.1	31.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 11.394 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF121167.D

Acq: 31 Jul 2020 19:29

Instrument :

BNA_F

ClientSampled :

SU-01-073020

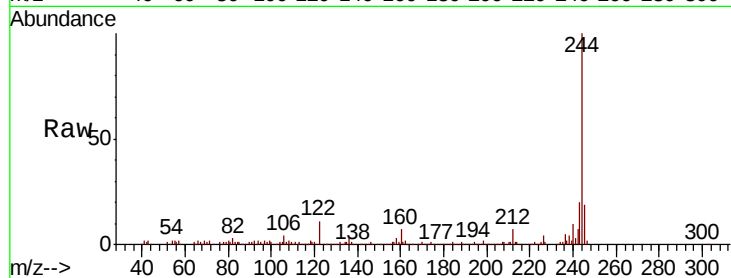
Tot Ion:244 Resp: 165065

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

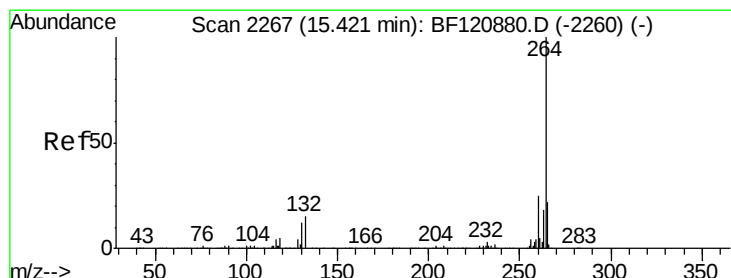
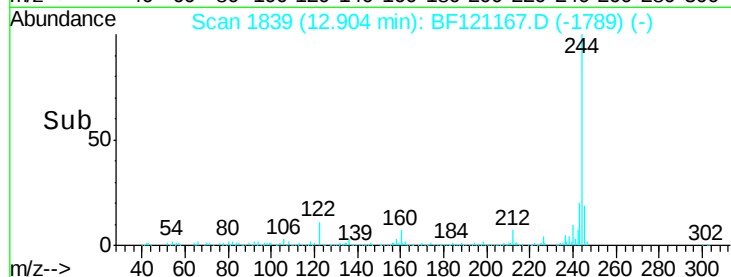
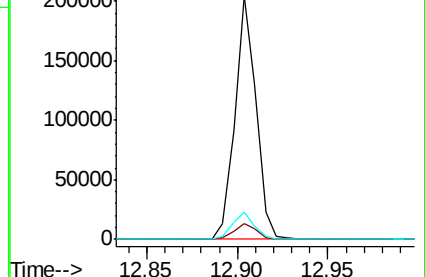
122 11.5 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.42 min Scan# 2266

Delta R.T. 0.01 min

Lab File: BF121167.D

Acq: 31 Jul 2020 19:29

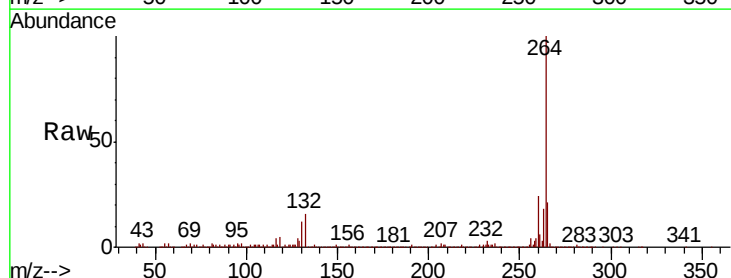
Tgt Ion:264 Resp: 358774

Ion Ratio Lower Upper

264 100

260 24.4 19.9 29.9

265 21.5 17.8 26.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

