

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021320\
 Data File : BF118920.D
 Acq On : 13 Feb 2020 15:17
 Operator : CG/JU
 Sample : PB126794TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB126794TB

Quant Time: Feb 14 00:57:41 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 03 16:26:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	219147	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	821841	20.00	ng	-0.03
39) Acenaphthene-d10	9.83	164	473293	20.00	ng	-0.03
64) Phenanthrene-d10	11.31	188	940610	20.00	ng	-0.03
76) Chrysene-d12	13.95	240	716013	20.00	ng	-0.03
87) Perylene-d12	15.39	264	757644	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	760235	65.67	ng	-0.02
7) Phenol-d6	6.43	99	580635	40.40	ng	-0.02
23) Nitrobenzene-d5	7.36	82	1305915	94.71	ng	-0.02
42) 2,4,6-Tribromophenol	10.62	330	759807	134.17	ng	-0.02
45) 2-Fluorobiphenyl	9.15	172	2489158	94.02	ng	-0.03
79) Terphenyl-d14	12.90	244	2679437	76.87	ng	-0.03

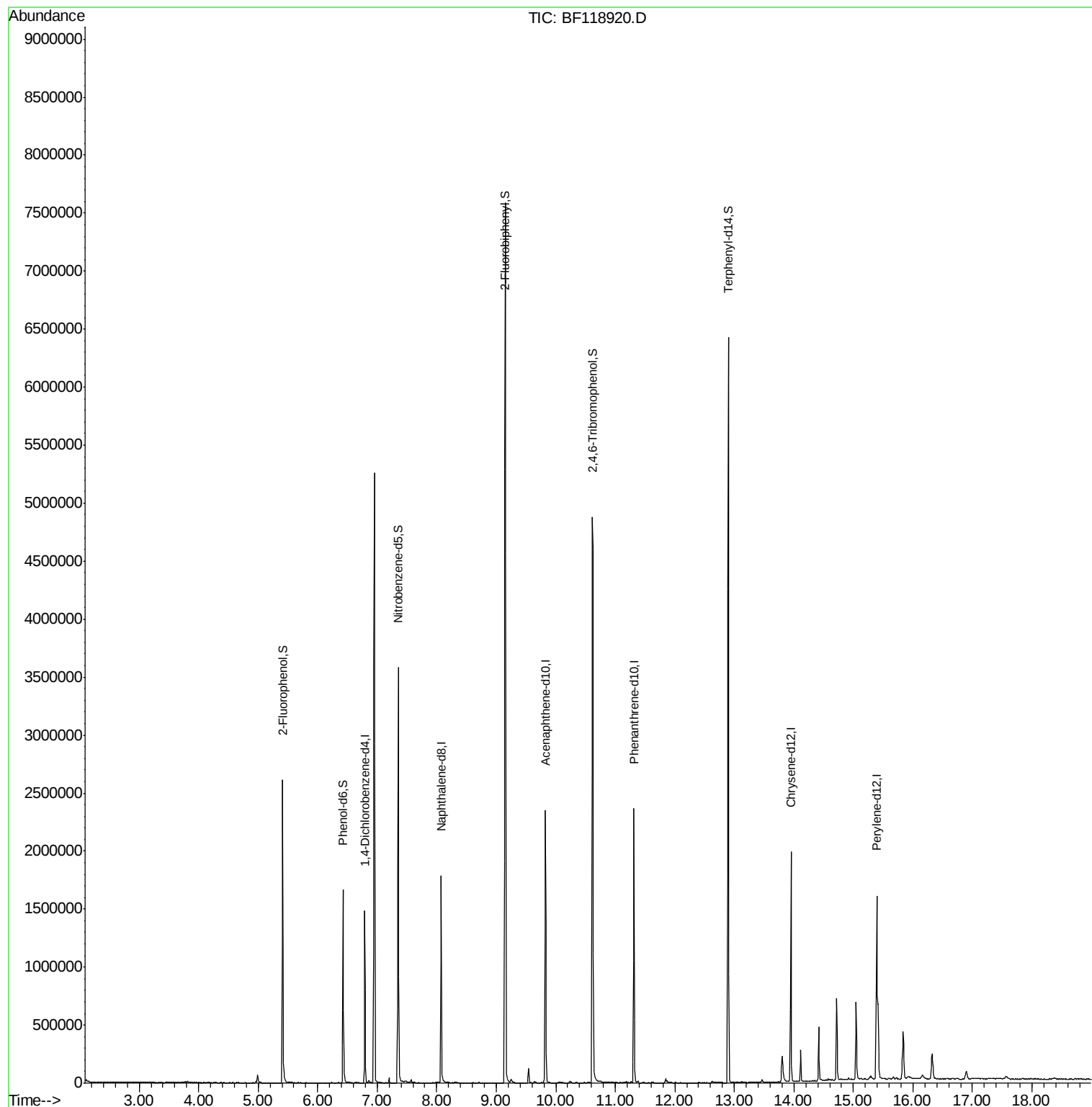
Target Compounds Qvalue

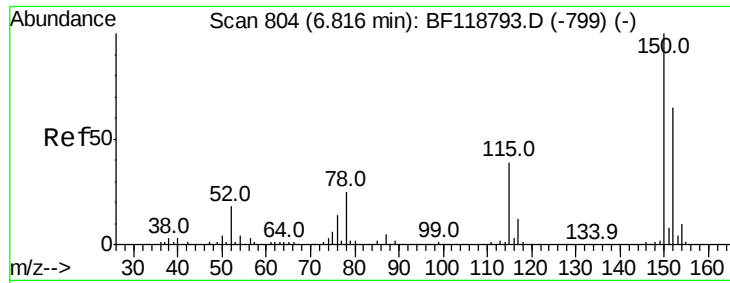
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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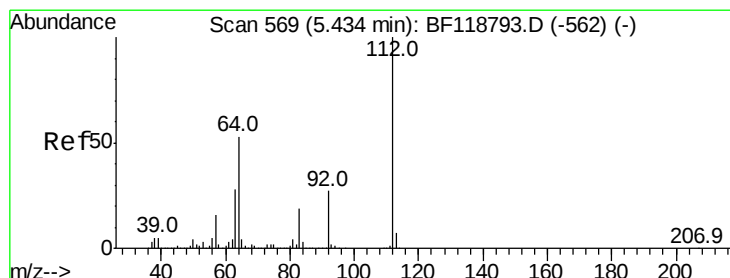
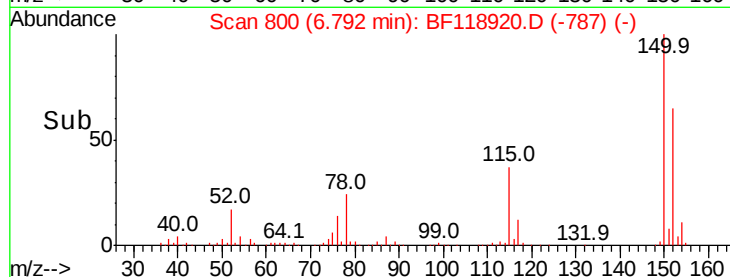
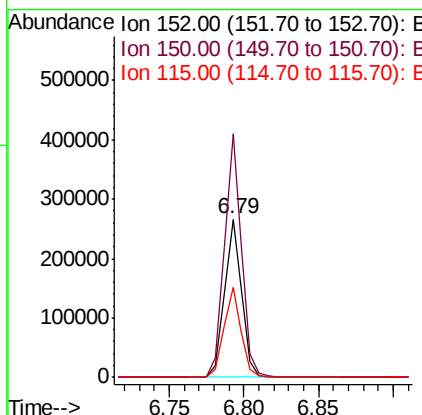
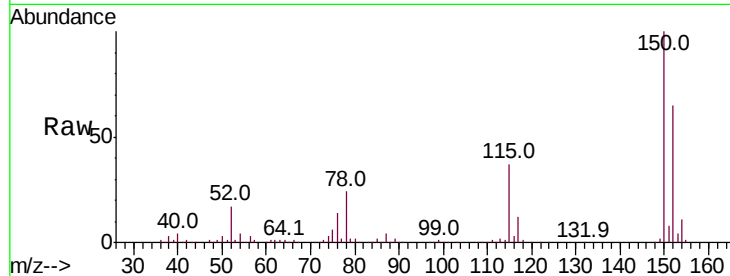


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 800
 Delta R.T. -0.02 min
 Lab File: BF118920.D
 Acq: 13 Feb 2020 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB126794TB

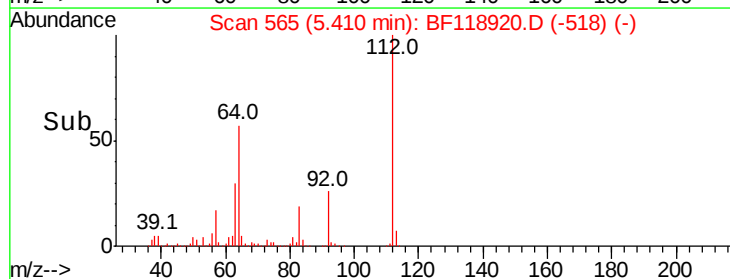
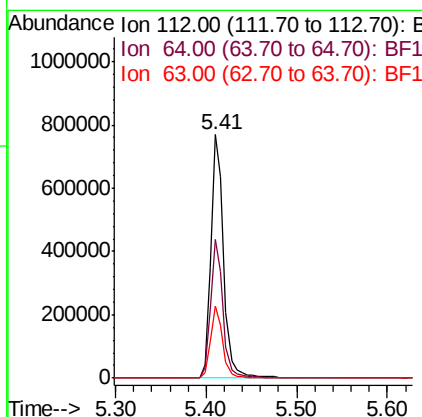
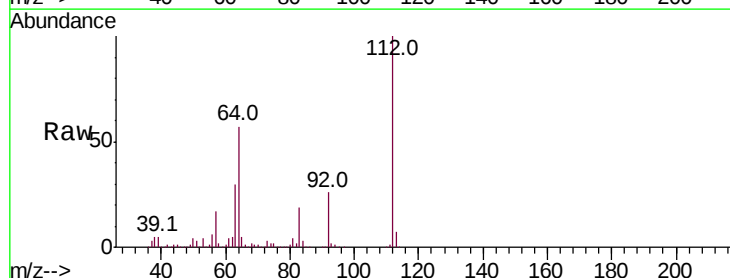
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	123.6	185.4
115	57.1	48.2	72.2

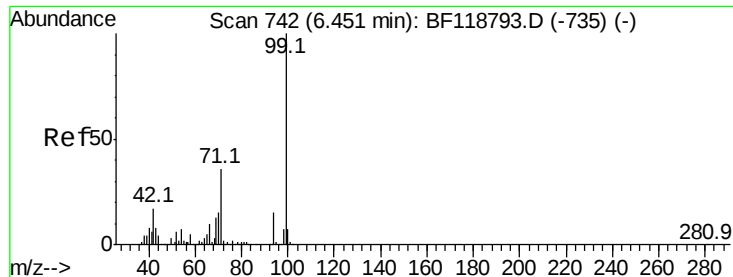


#5

2-Fluorophenol
 Concen: 65.667 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.02 min
 Lab File: BF118920.D
 Acq: 13 Feb 2020 15:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	42.6	63.8
63	29.6	22.2	33.4





#7

Phenol-d6

Concen: 40.402 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.02 min

Lab File: BF118920.D

Acq: 13 Feb 2020 15:17

Instrument :

BNA_F

ClientSampleId :

PB126794TB

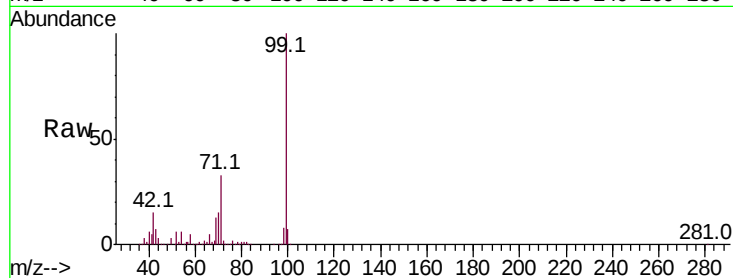
Tot Ion: 99 Resp: 580635

Ion Ratio Lower Upper

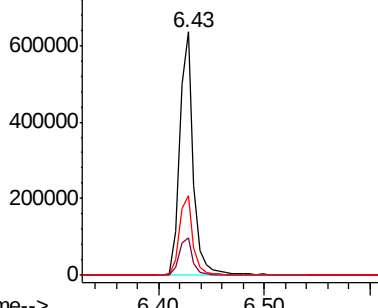
99 100

42 15.2 13.4 20.0

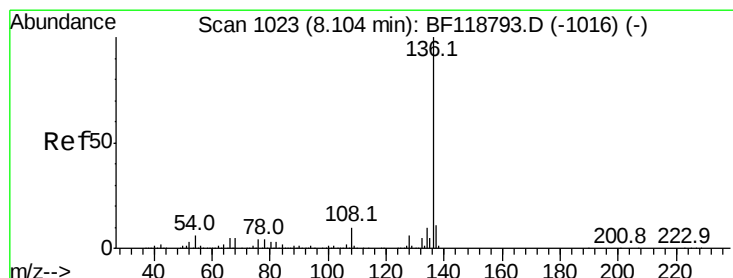
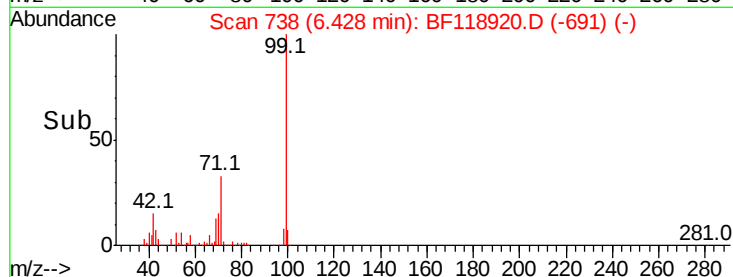
71 33.0 29.0 43.6



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.03 min

Lab File: BF118920.D

Acq: 13 Feb 2020 15:17

Tgt Ion: 136 Resp: 821841

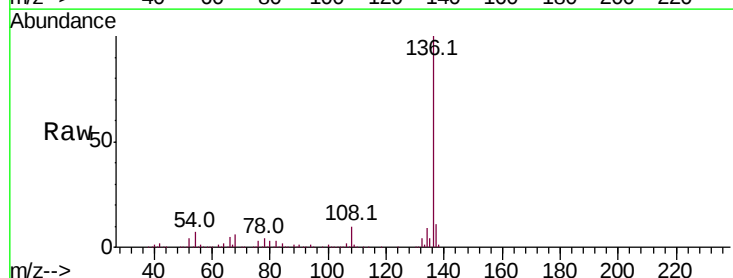
Ion Ratio Lower Upper

136 100

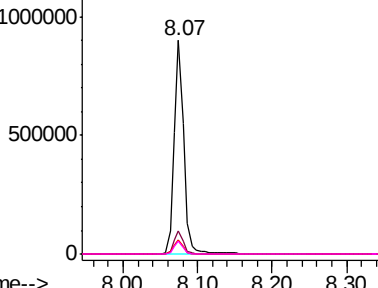
137 11.1 8.7 13.1

54 6.8 5.0 7.6

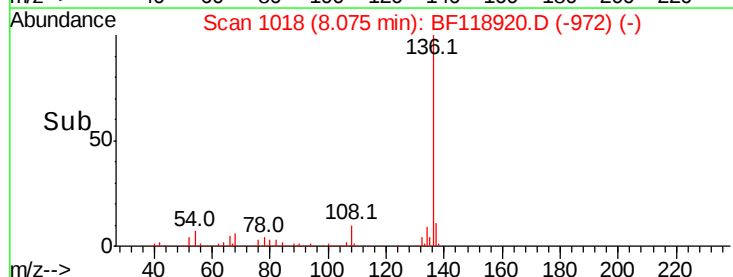
68 6.1 4.2 6.4

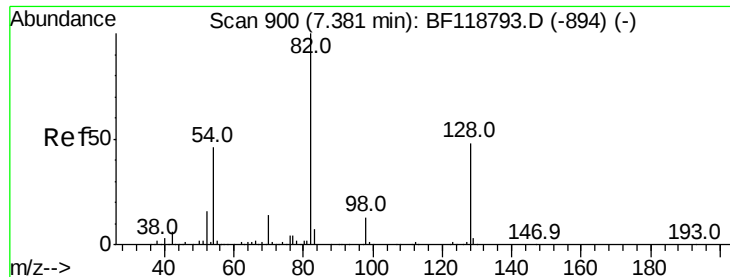


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Time-->

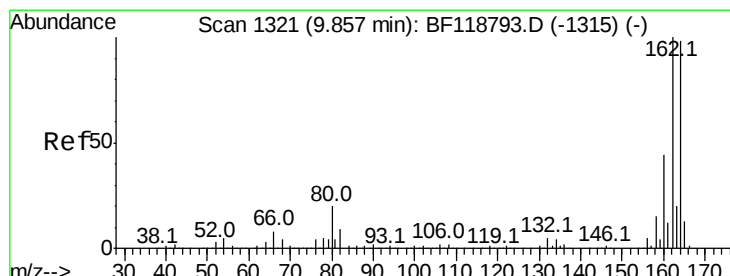
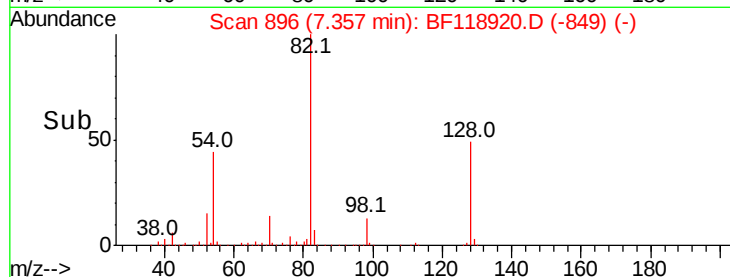
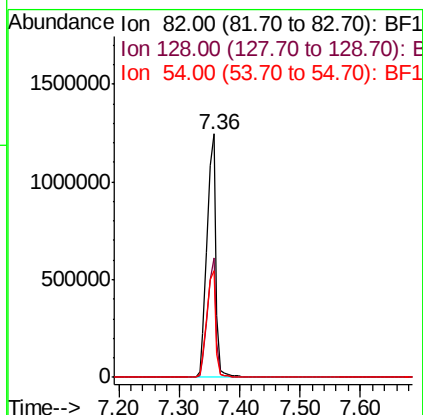
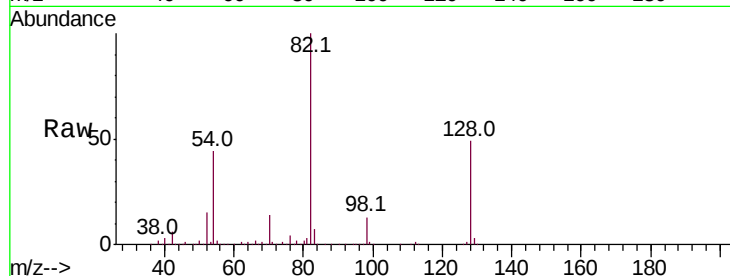




#23
 Nitrobenzene-d5
 Concen: 94.713 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.02 min
 Lab File: BF118920.D
 Acq: 13 Feb 2020 15:17

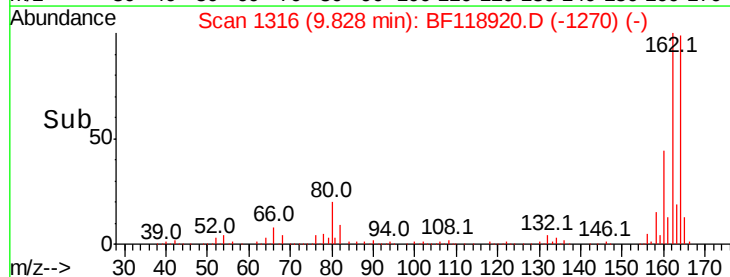
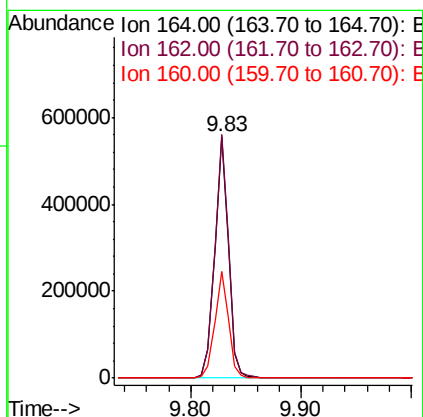
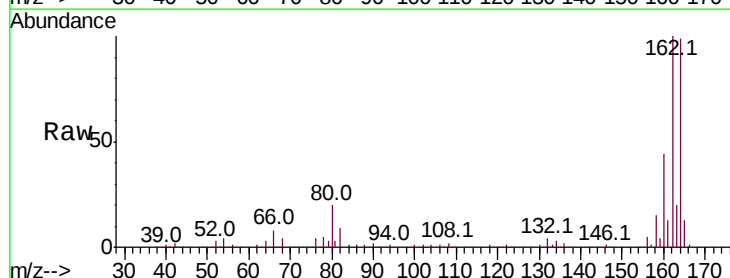
Instrument :
 BNA_F
 ClientSampleId :
 PB126794TB

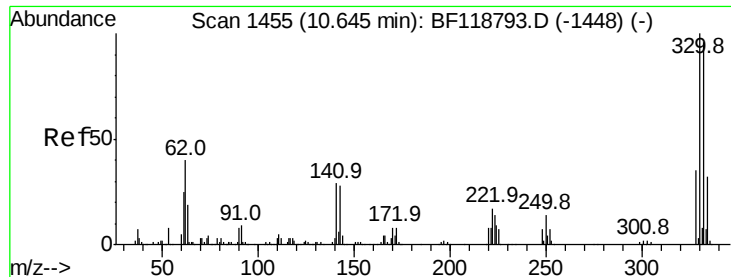
Tot Ion: 82 Resp: 1305915
 Ion Ratio Lower Upper
 82 100
 128 48.9 38.5 57.7
 54 43.9 36.7 55.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.03 min
 Lab File: BF118920.D
 Acq: 13 Feb 2020 15:17

Tgt Ion: 164 Resp: 473293
 Ion Ratio Lower Upper
 164 100
 162 101.0 81.4 122.2
 160 44.2 35.6 53.4

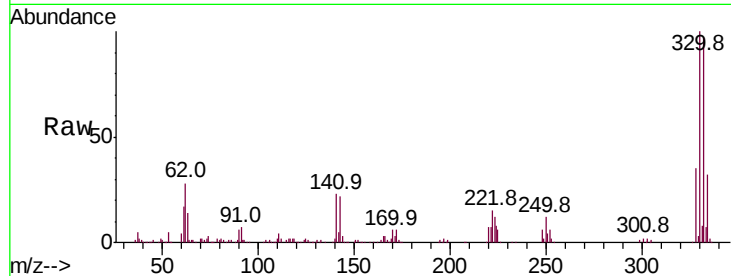




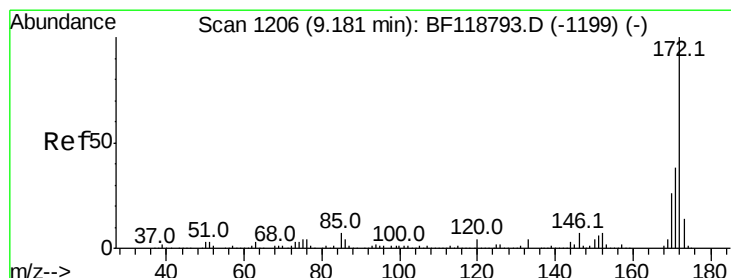
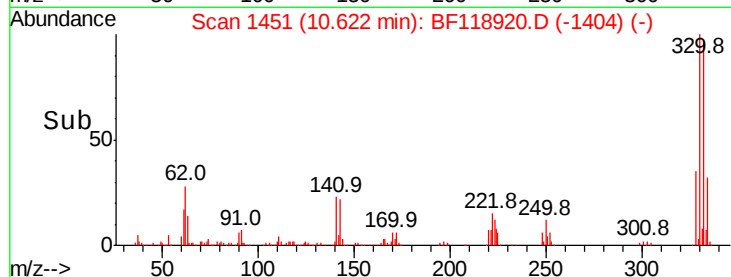
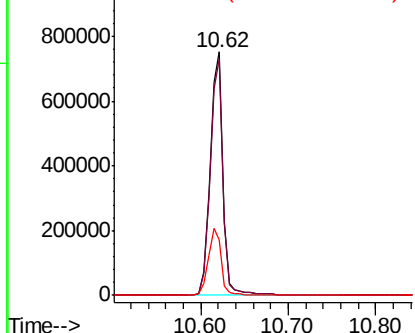
#42
 2,4,6-Tribromophenol
 Concen: 134.168 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.02 min
 Lab File: BF118920.D
 Acq: 13 Feb 2020 15:17

Instrument :
 BNA_F
 ClientSampleId :
 PB126794TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	28.0	22.4	33.6

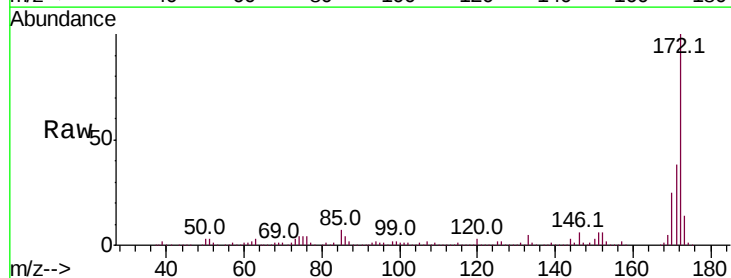


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

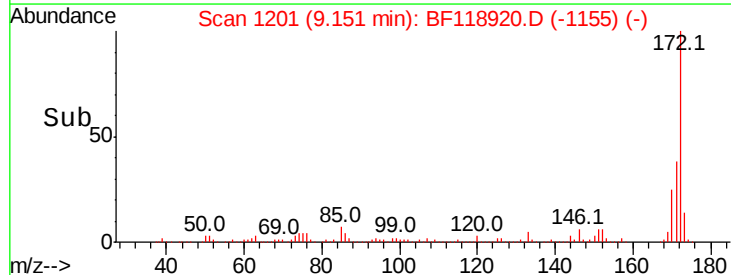
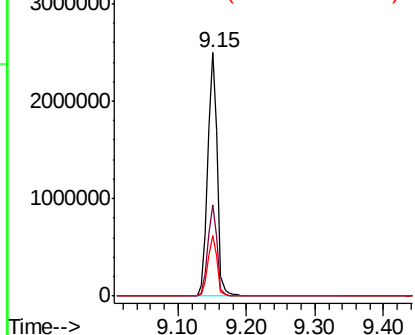


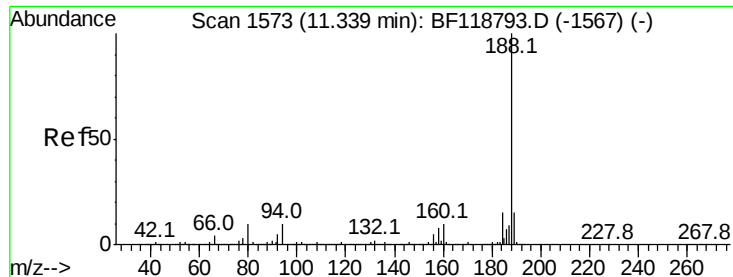
#45
 2-Fluorobiphenyl
 Concen: 94.019 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF118920.D
 Acq: 13 Feb 2020 15:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.8	46.2
170	25.1	20.5	30.7



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

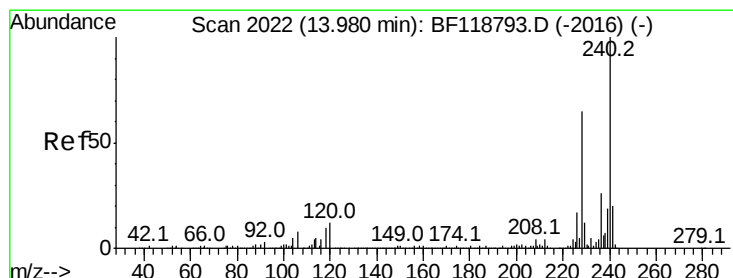
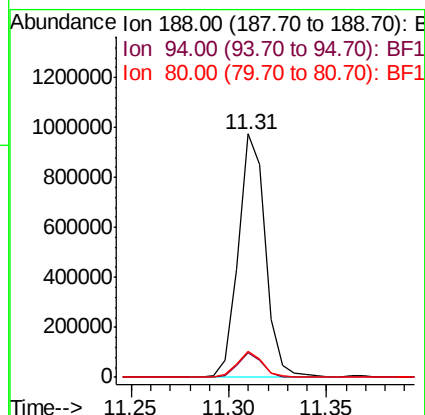
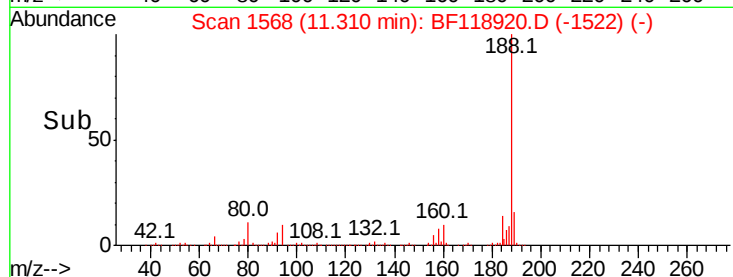
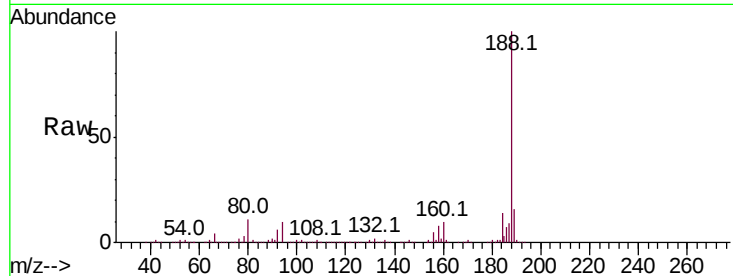




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.03 min
Lab File: BF118920.D
Acq: 13 Feb 2020 15:17

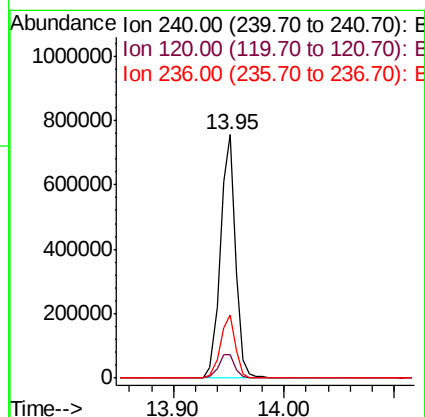
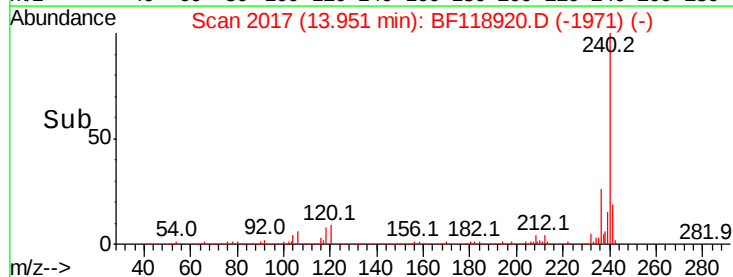
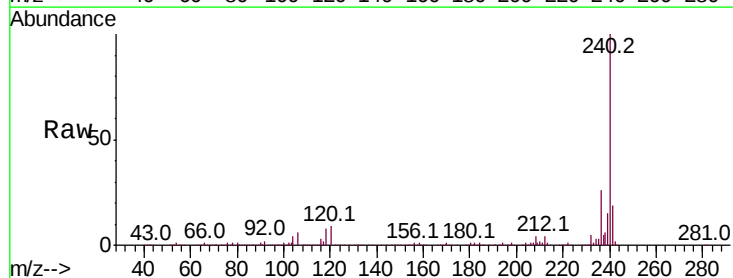
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PB126794TB

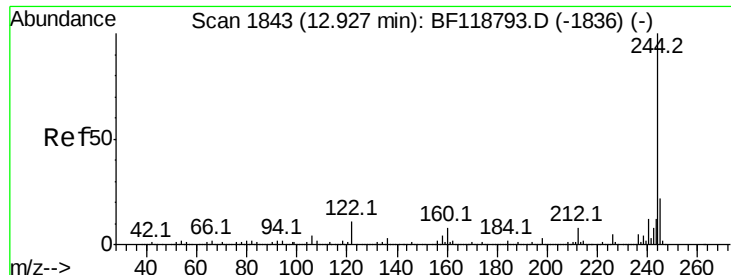
Tot Ion:188 Resp: 940610
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 10.7 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.03 min
Lab File: BF118920.D
Acq: 13 Feb 2020 15:17

Tgt Ion:240 Resp: 716013
Ion Ratio Lower Upper
240 100
120 9.4 9.4 14.0
236 26.0 21.0 31.6





#79

Terphenyl-d14

Concen: 76.866 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.03 min

Lab File: BF118920.D

Acq: 13 Feb 2020 15:17

Instrument :

BNA_F

ClientSampleId :

PB126794TB

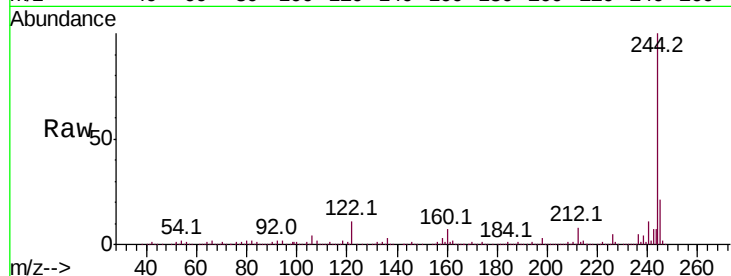
Tot Ion:244 Resp: 2679437

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

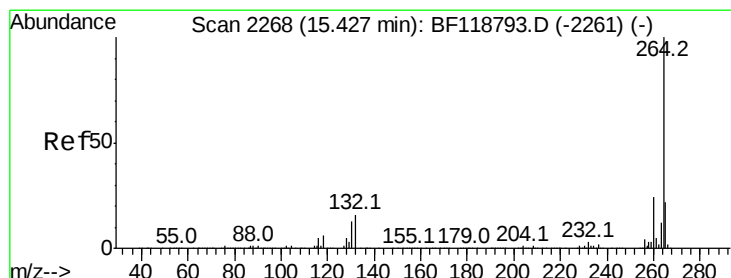
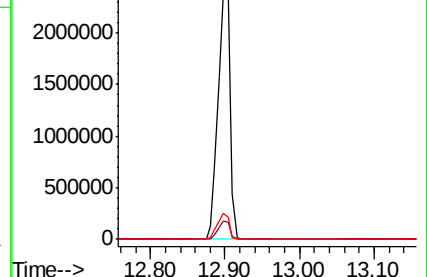
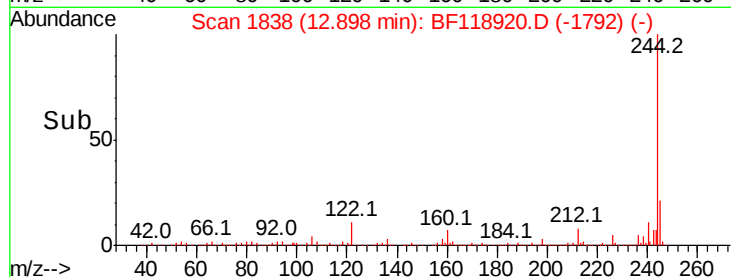
122 10.9 8.9 13.3



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.04 min

Lab File: BF118920.D

Acq: 13 Feb 2020 15:17

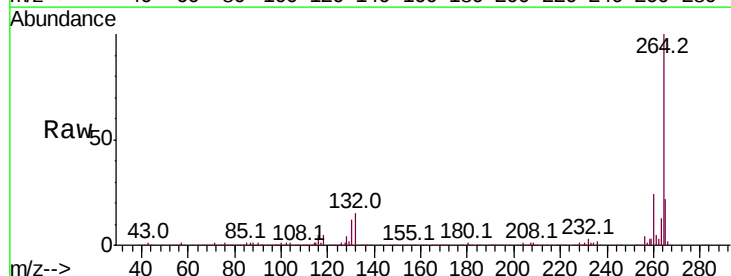
Tgt Ion:264 Resp: 757644

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.9 17.2 25.8



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

