

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072920\
 Data File : BF121099.D
 Acq On : 29 Jul 2020 13:37
 Operator : JU/CG
 Sample : PB130545BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BL

Quant Time: Jul 29 15:16:39 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	6.80	152	160807	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	590696	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	301663	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	575979	20.00	ng	0.00
76) Chrysene-d12	13.96	240	483965	20.00	ng	0.00
86) Perylene-d12	15.40	264	458550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	757656	77.24	ng	0.00
7) Phenol-d6	6.43	99	911721	71.95	ng	-0.01
23) Nitrobenzene-d5	7.36	82	834454	81.74	ng	-0.01
42) 2,4,6-Tribromophenol	10.62	330	264344	80.06	ng	-0.01
45) 2-Fluorobiphenyl	9.16	172	1482081	73.35	ng	0.00
79) Terphenyl-d14	12.91	244	1660038	74.56	ng	0.00

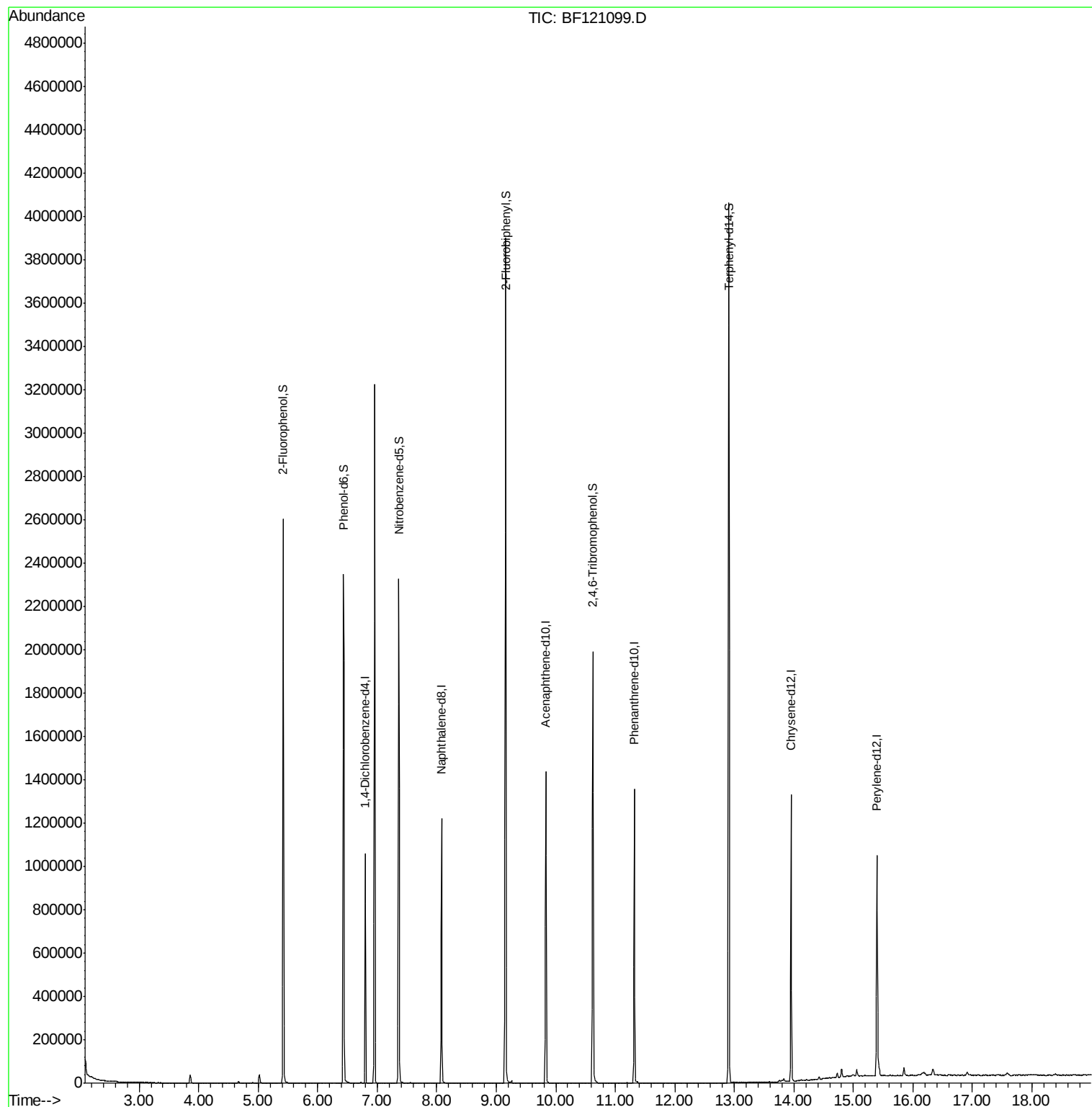
Target Compounds Qvalue

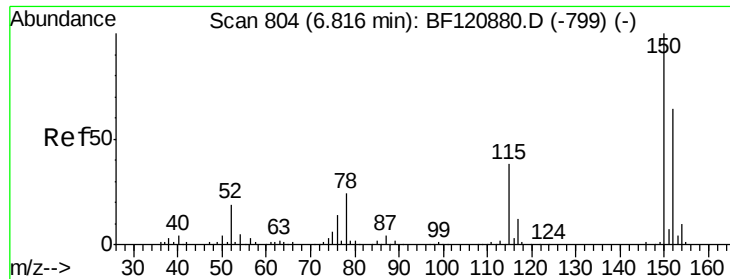
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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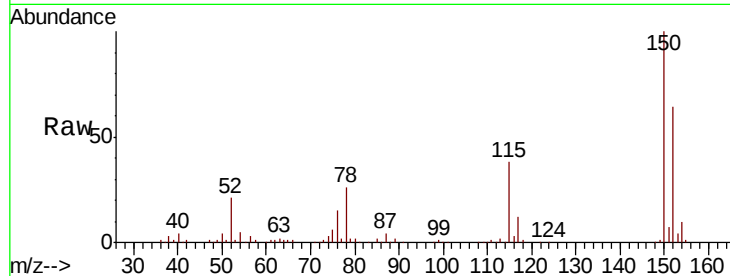


#1

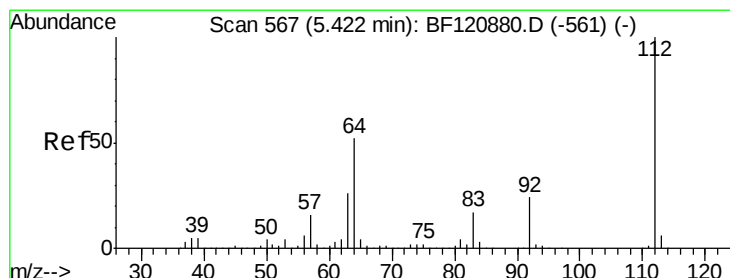
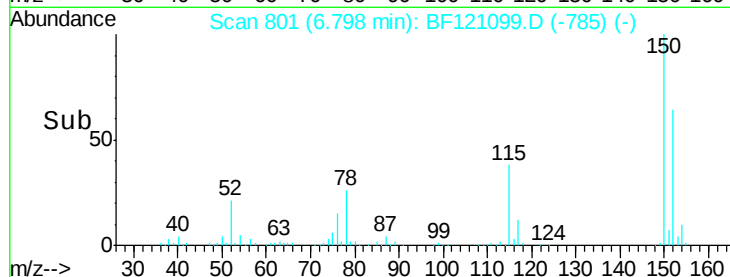
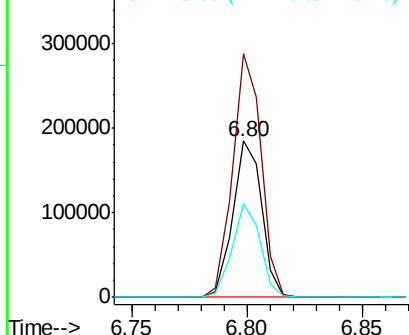
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF121099.D
 Acq: 29 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.6	188.4
115	59.7	46.2	69.2



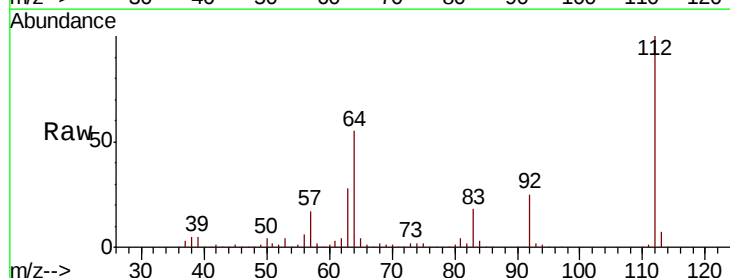
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



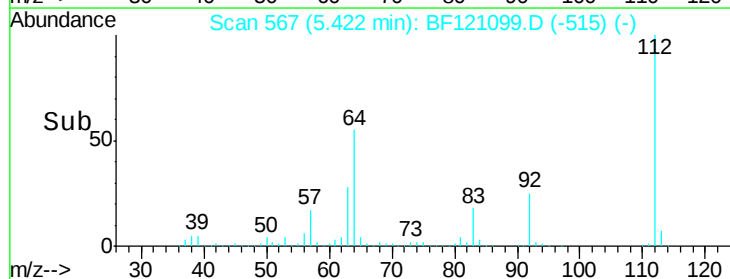
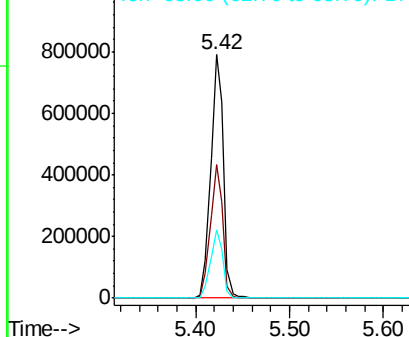
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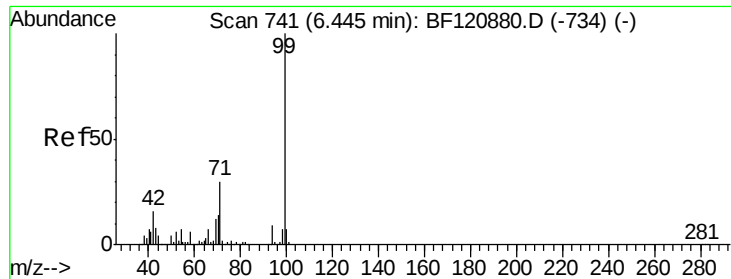
2-Fluorophenol
 Concen: 77.240 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF121099.D
 Acq: 29 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.9	43.9	65.9
63	28.3	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: 71.954 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF121099.D

Acq: 29 Jul 2020 13:37

Instrument :

BNA_F

ClientSampleId :

PB130545BL

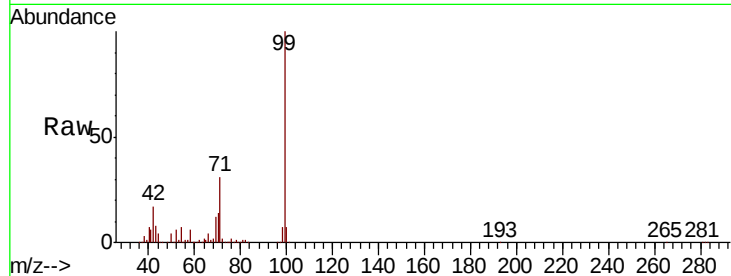
Tot Ion: 99 Resp: 911721

Ion Ratio Lower Upper

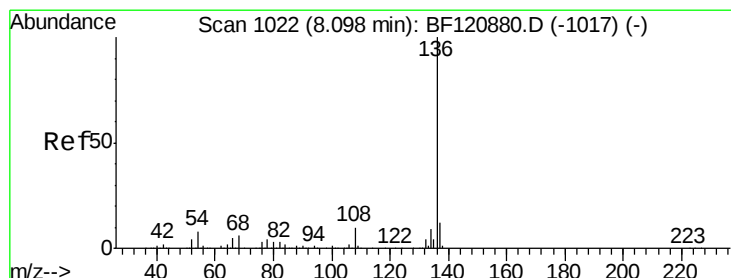
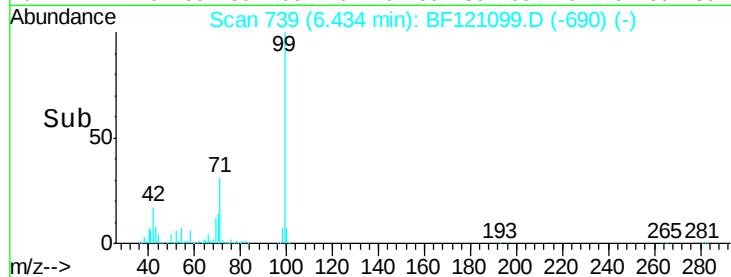
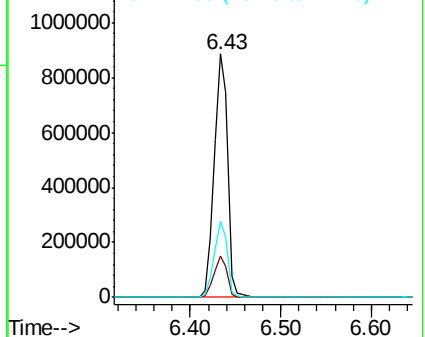
99 100

42 17.0 13.5 20.3

71 31.0 25.0 37.4



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF121099.D

Acq: 29 Jul 2020 13:37

Tgt Ion: 136 Resp: 590696

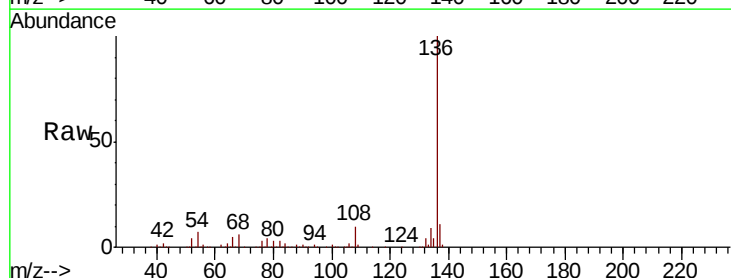
Ion Ratio Lower Upper

136 100

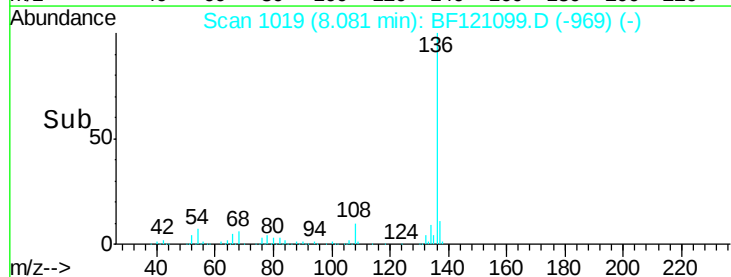
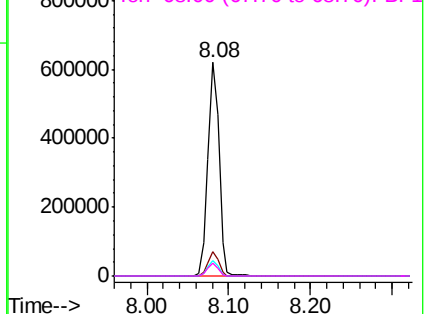
137 11.1 9.0 13.4

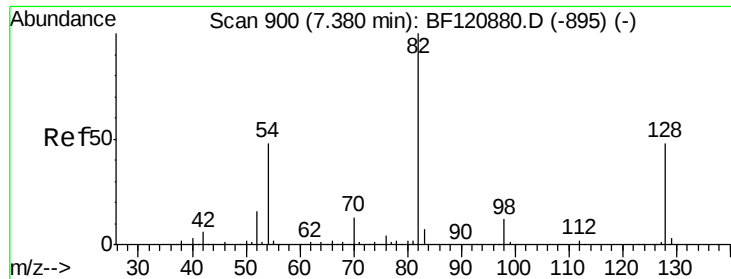
54 7.1 6.1 9.1

68 5.9 5.0 7.6



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

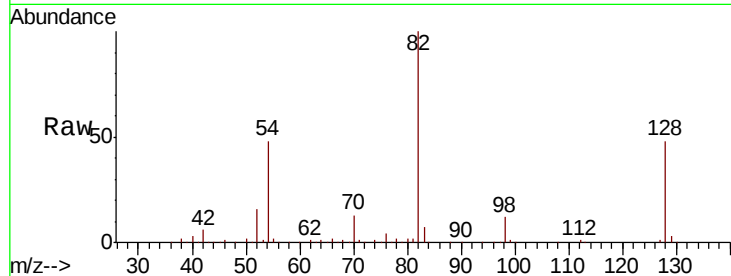




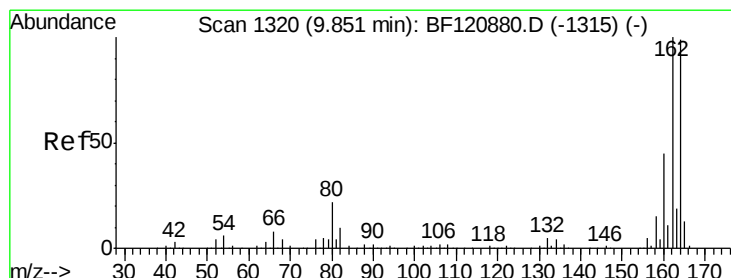
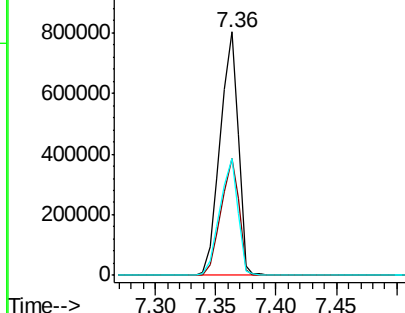
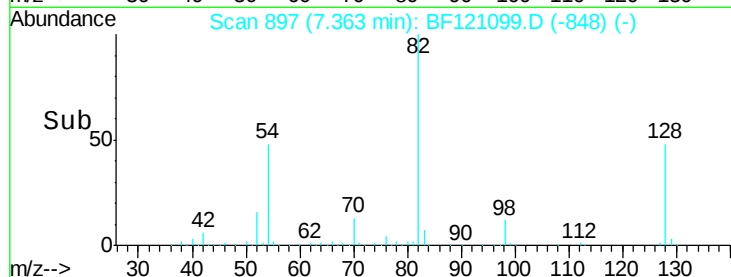
#23
 Nitrobenzene-d5
 Concen: 81.741 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF121099.D
 Acq: 29 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BL

Tot Ion: 82 Resp: 834454
 Ion Ratio Lower Upper
 82 100
 128 47.8 39.2 58.8
 54 48.1 37.8 56.8

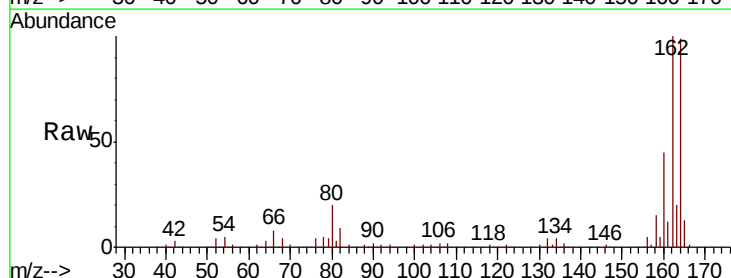


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

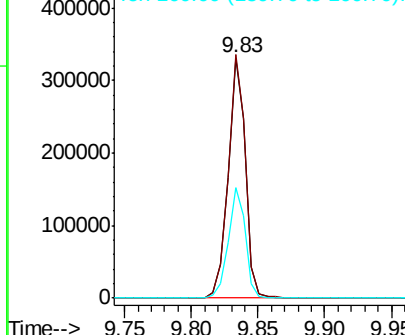
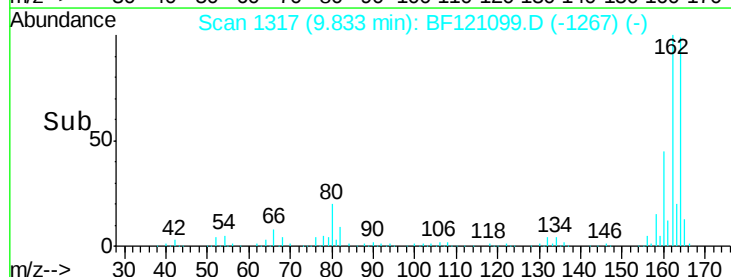


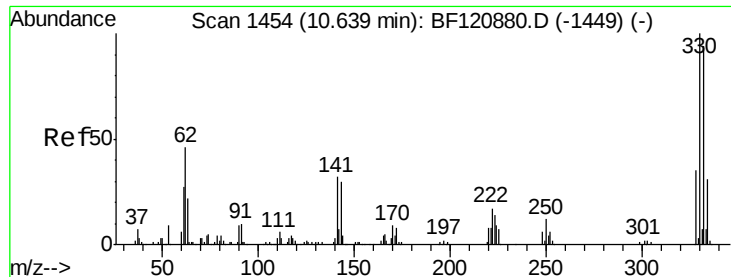
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF121099.D
 Acq: 29 Jul 2020 13:37

Tgt Ion: 164 Resp: 301663
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.2 123.2
 160 46.1 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

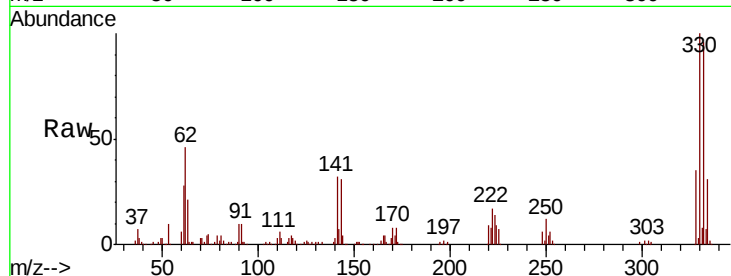




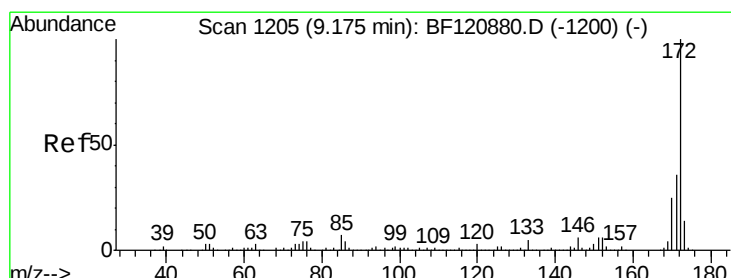
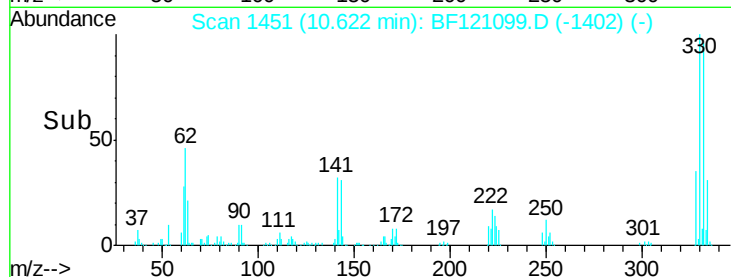
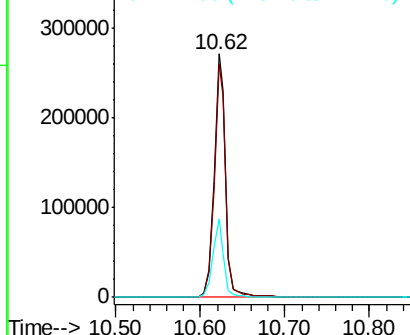
#42
 2,4,6-Tribromophenol
 Concen: 80.056 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF121099.D
 Acq: 29 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.1	114.1
141	30.6	24.1	36.1

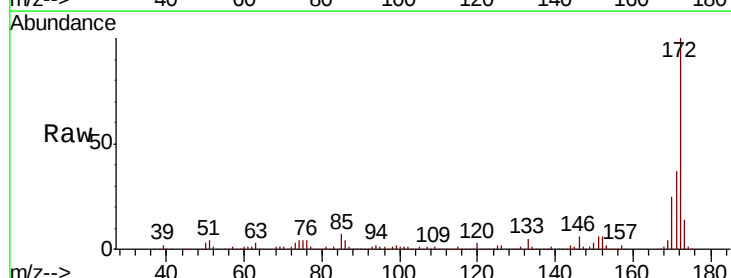


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

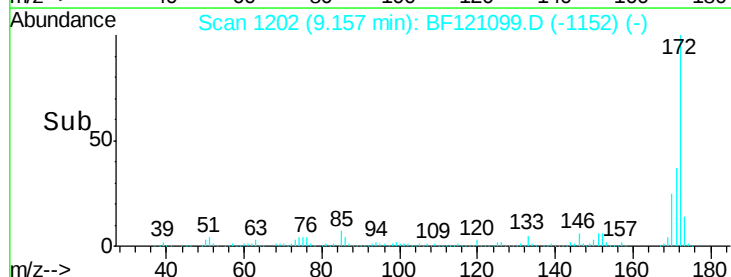
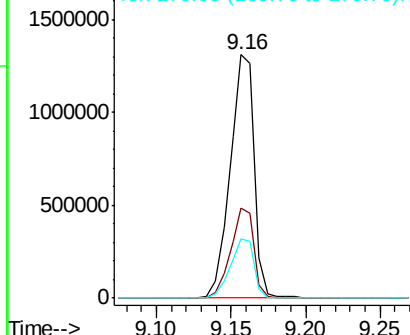


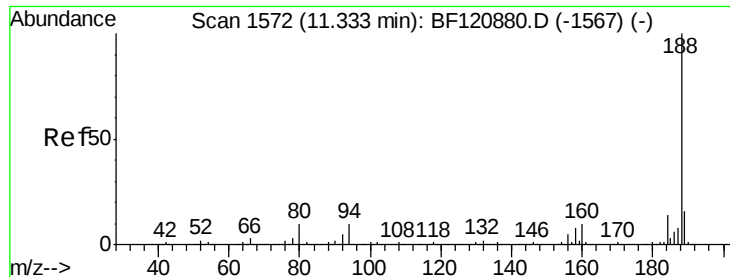
#45
 2-Fluorobiphenyl
 Concen: 73.354 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF121099.D
 Acq: 29 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.4
170	24.6	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

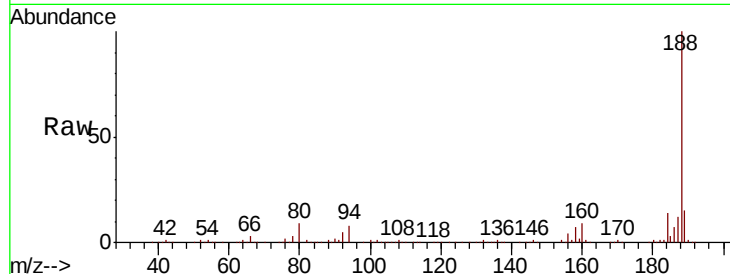




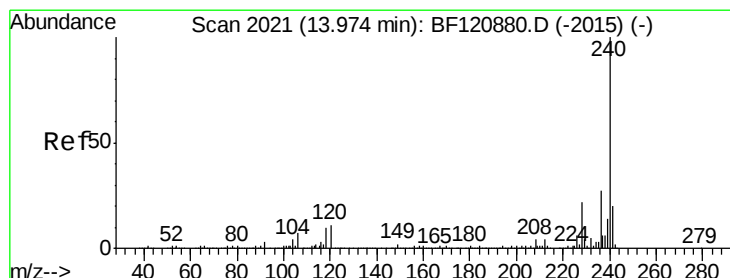
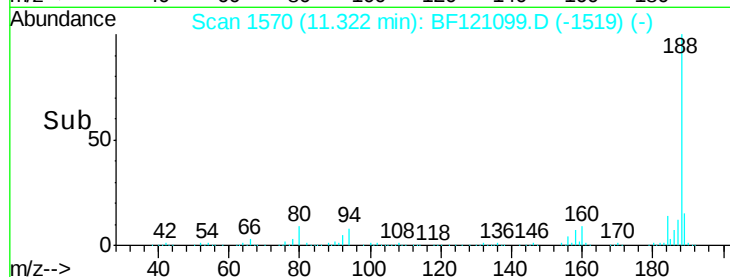
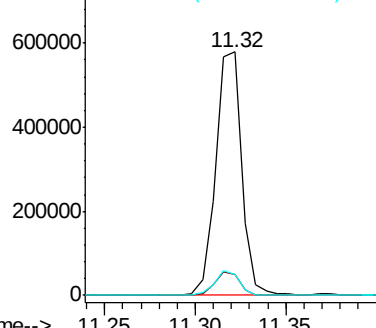
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF121099.D
Acq: 29 Jul 2020 13:37

Instrument :
BNA_F
ClientSampleId :
PB130545BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.0	12.0
80	8.6	8.3	12.5

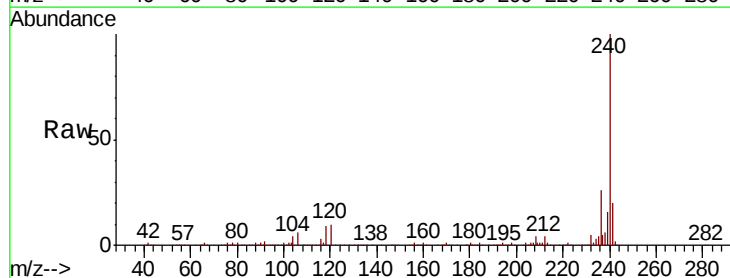


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

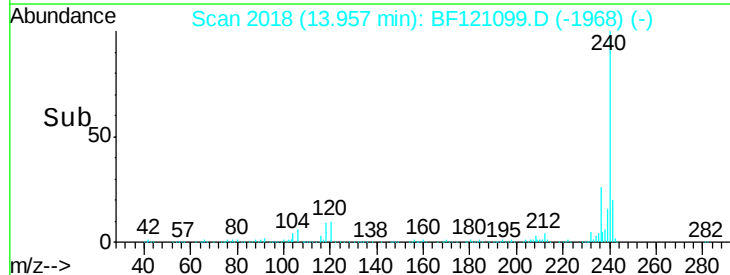
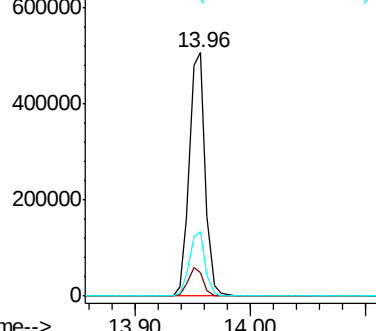


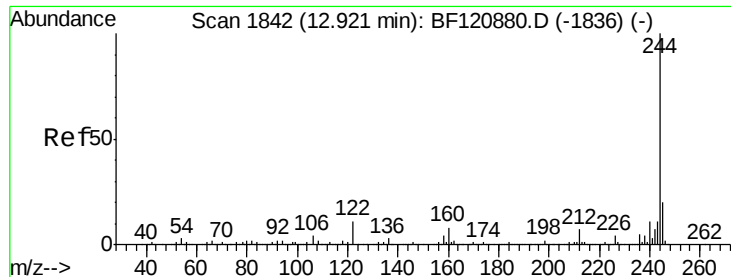
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF121099.D
Acq: 29 Jul 2020 13:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	9.3	13.9
236	26.3	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

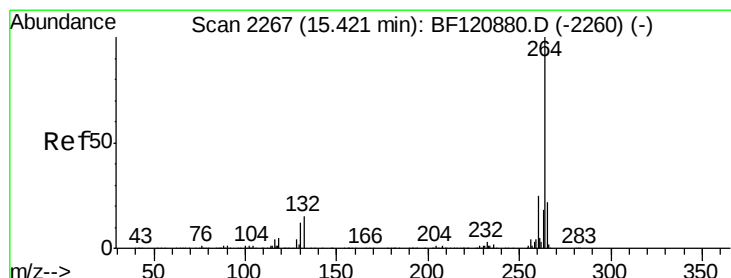
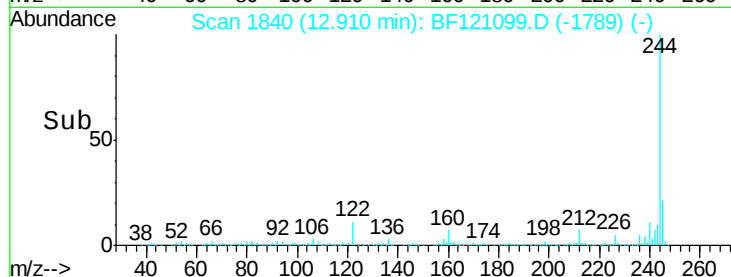
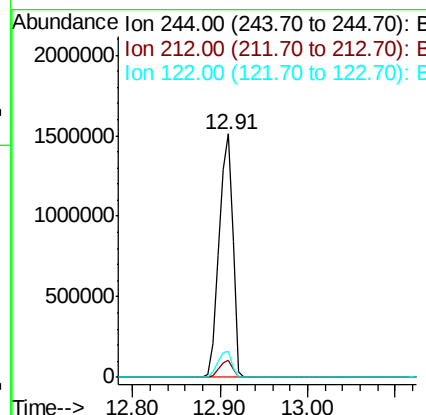
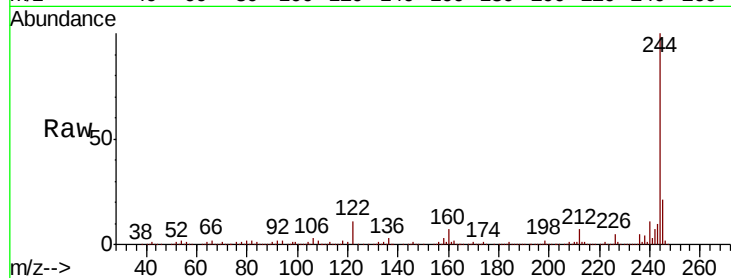




#79
 Terphenyl-d14
 Concen: 74.562 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BF121099.D
 Acq: 29 Jul 2020 13:37

Instrument :
 BNA_F
 ClientSampleId :
 PB130545BL

Tot Ion:244 Resp: 1660038
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.40 min Scan# 2263
 Delta R.T. -0.01 min
 Lab File: BF121099.D
 Acq: 29 Jul 2020 13:37

Tgt Ion:264 Resp: 458550
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.9 29.9
 265 21.4 17.8 26.8

