

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082719\
 Data File : BF116586.D
 Acq On : 27 Aug 2019 15:41
 Operator : HP/JU
 Sample : K4086-05 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-082619

Quant Time: Aug 28 07:00:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 23 13:38:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	68784	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	258973	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	114431	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	171839	20.00	ng	-0.01
76) Chrysene-d12	14.02	240	154255	20.00	ng	-0.01
87) Perylene-d12	15.49	264	160314	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	94198	20.01	ng	-0.01
7) Phenol-d6	6.49	99	125228	21.70	ng	-0.01
23) Nitrobenzene-d5	7.43	82	78248	16.53	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	20906	21.28	ng	-0.01
45) 2-Fluorobiphenyl	9.23	172	136003	19.14	ng	-0.01
79) Terphenyl-d14	12.97	244	119879	14.52	ng	-0.01

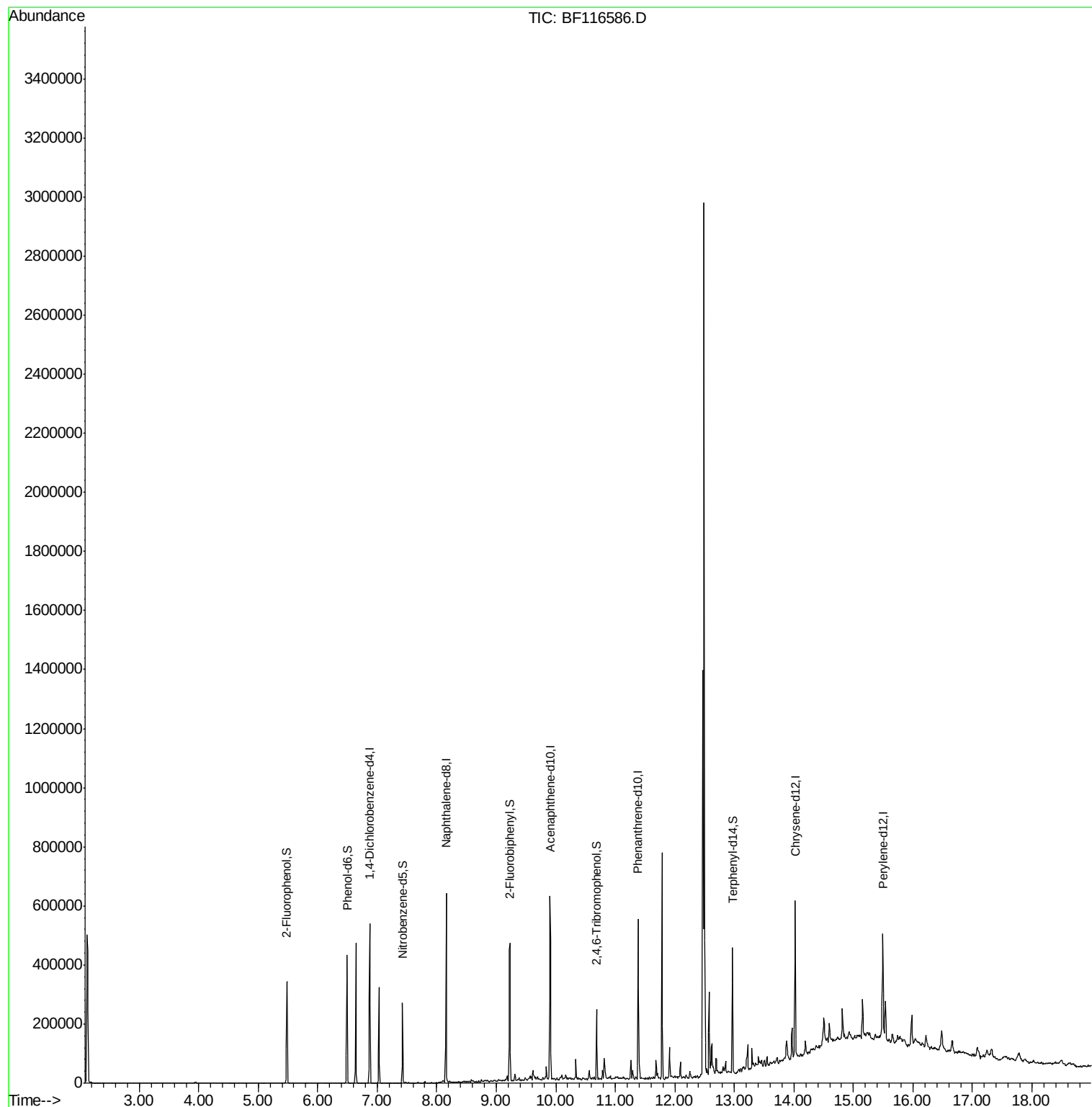
Target Compounds Qvalue

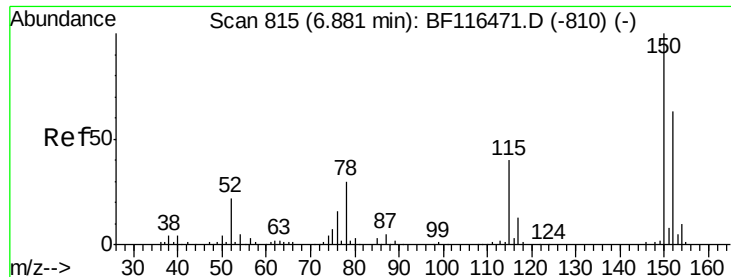
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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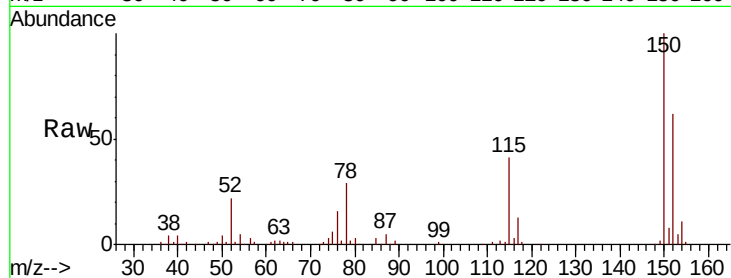


#1

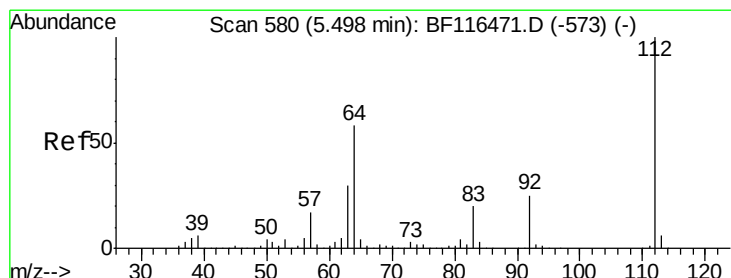
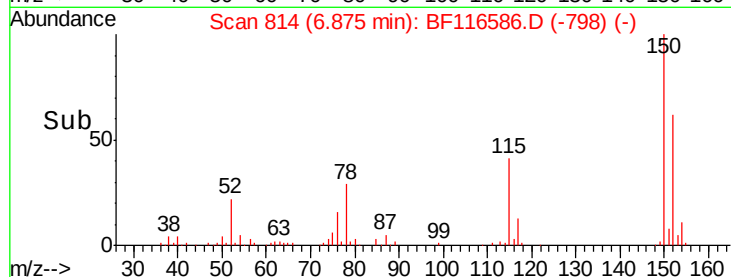
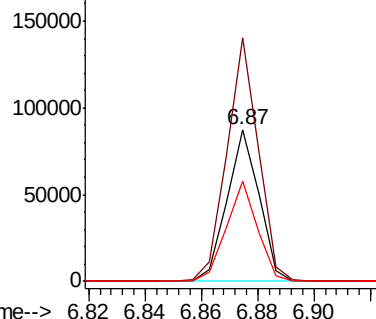
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF116586.D
Acq: 27 Aug 2019 15:41

Instrument :
BNA_F
ClientSampleId :
NB-07-082619

Tot Ion:152 Resp: 68784
Ion Ratio Lower Upper
152 100
150 160.1 126.7 190.1
115 65.5 50.9 76.3



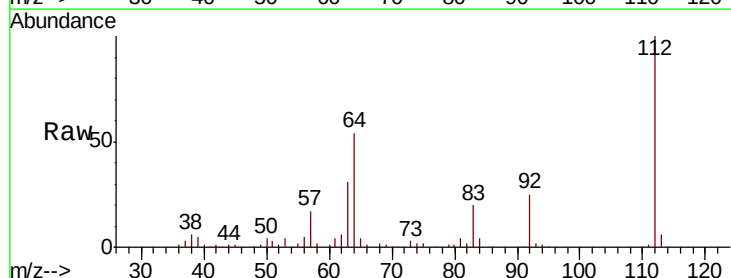
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



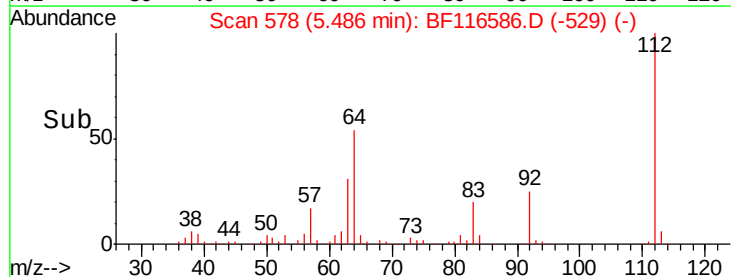
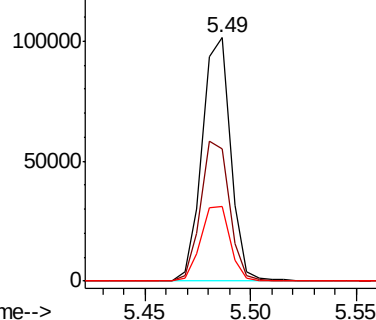
#5

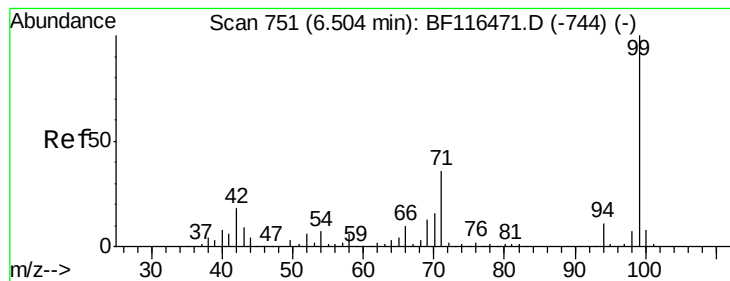
2-Fluorophenol
Concen: 20.010 ng
RT: 5.49 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF116586.D
Acq: 27 Aug 2019 15:41

Tgt Ion:112 Resp: 94198
Ion Ratio Lower Upper
112 100
64 54.5 46.3 69.5
63 30.5 24.2 36.4



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: 21.695 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF116586.D

Acq: 27 Aug 2019 15:41

Instrument :

BNA_F

ClientSampleId :

NB-07-082619

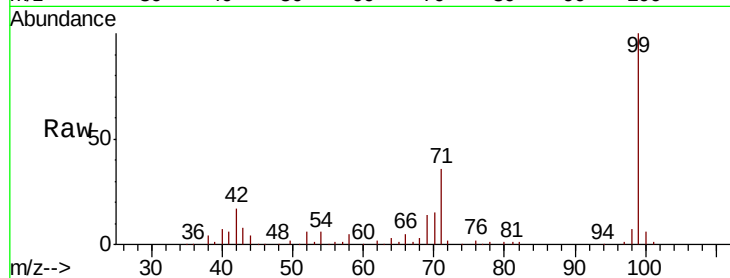
Tot Ion: 99 Resp: 125228

Ion Ratio Lower Upper

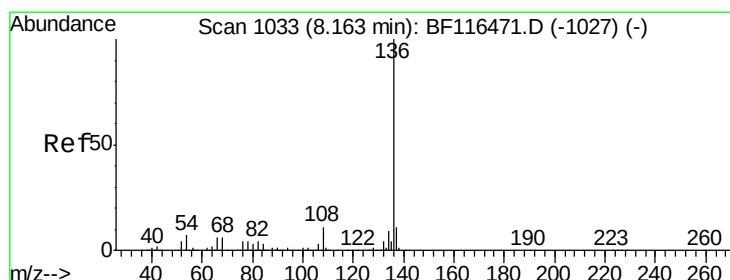
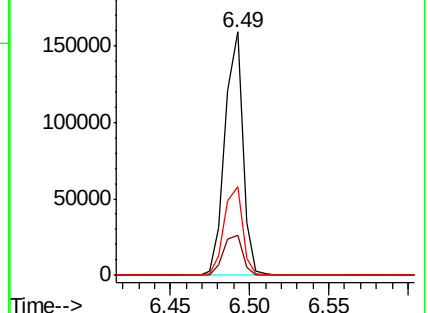
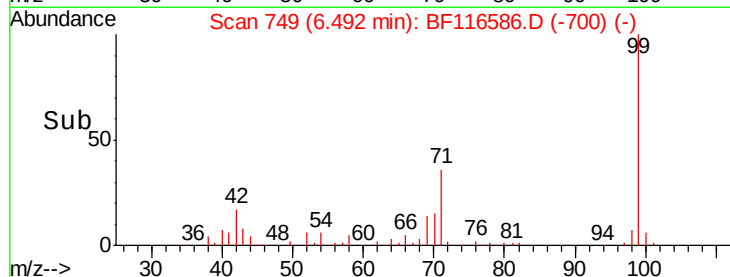
99 100

42 16.6 14.6 21.8

71 36.3 28.5 42.7



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: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF116586.D

Acq: 27 Aug 2019 15:41

Tgt Ion: 136 Resp: 258973

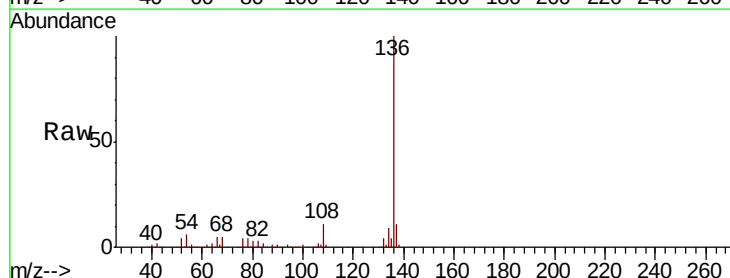
Ion Ratio Lower Upper

136 100

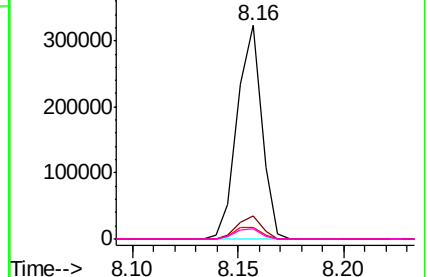
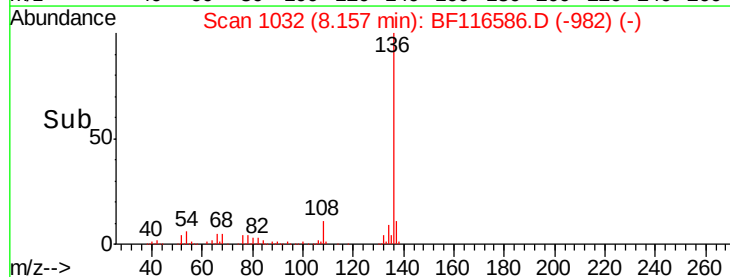
137 10.9 9.0 13.4

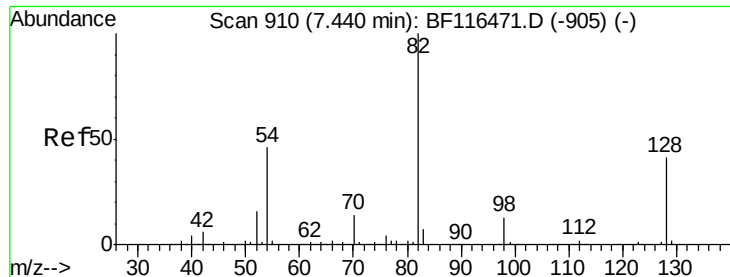
54 5.6 5.8 8.6#

68 5.1 5.1 7.7#



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

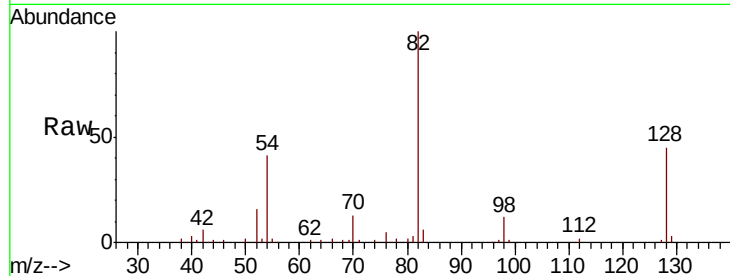




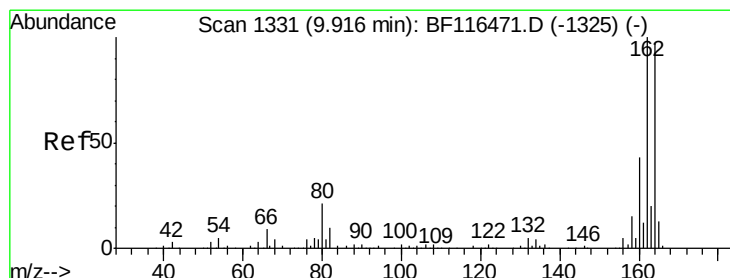
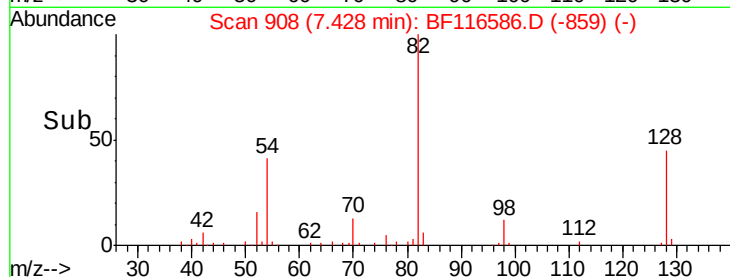
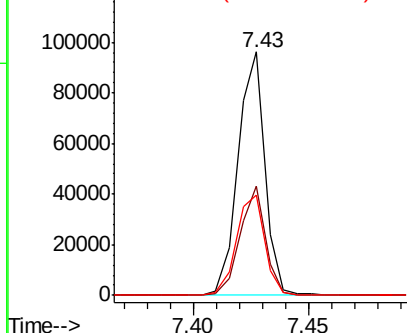
#23
 Nitrobenzene-d5
 Concen: 16.530 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF116586.D
 Acq: 27 Aug 2019 15:41

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-082619

Tot Ion: 82 Resp: 78248
 Ion Ratio Lower Upper
 82 100
 128 44.6 32.2 48.4
 54 41.3 36.5 54.7

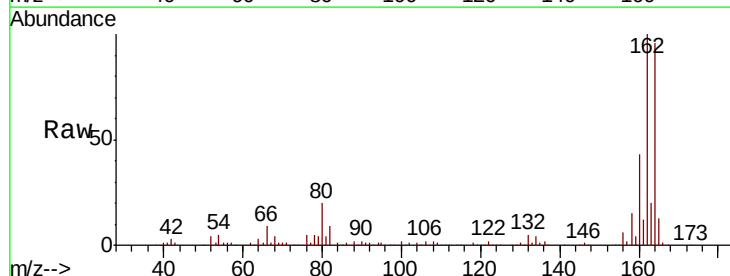


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

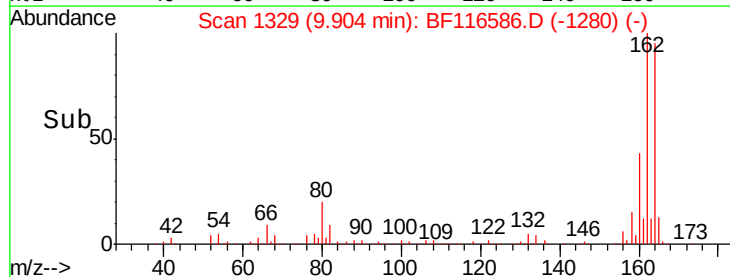
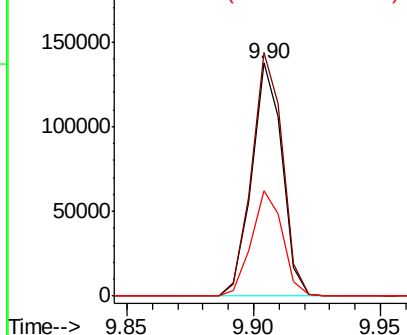


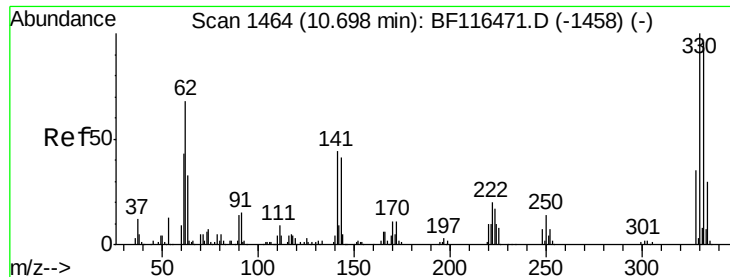
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: BF116586.D
 Acq: 27 Aug 2019 15:41

Tgt Ion: 164 Resp: 114431
 Ion Ratio Lower Upper
 164 100
 162 104.5 82.6 123.8
 160 45.3 35.8 53.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

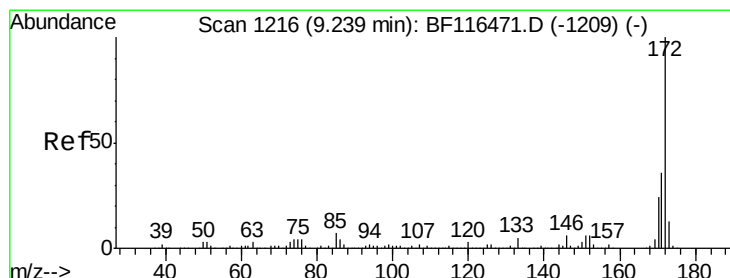
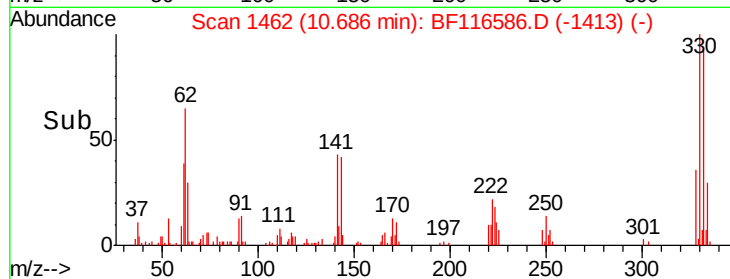
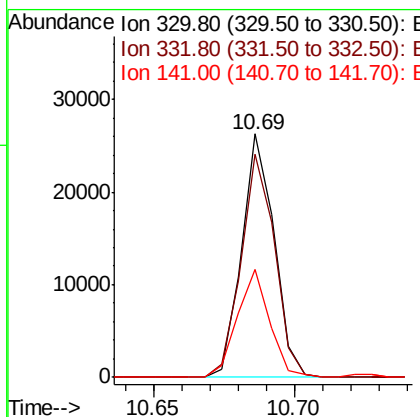
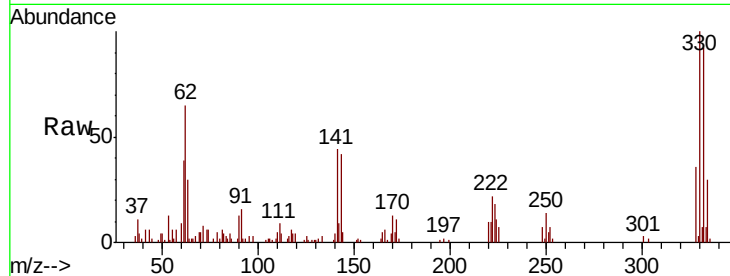




#42
 2,4,6-Tribromophenol
 Concen: 21.276 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF116586.D
 Acq: 27 Aug 2019 15:41

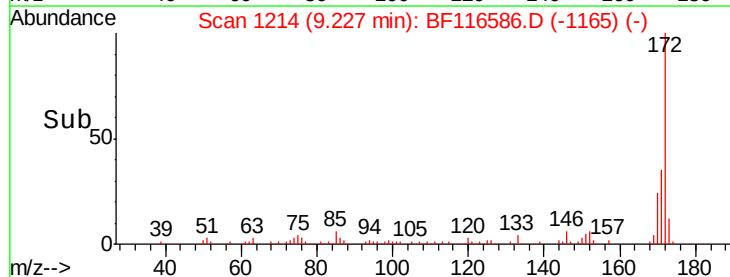
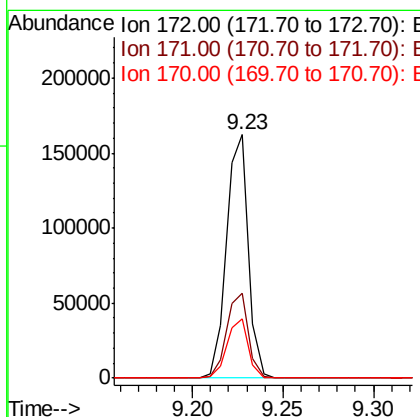
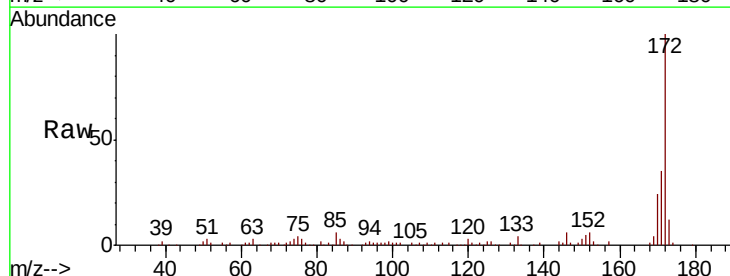
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 NB-07-082619

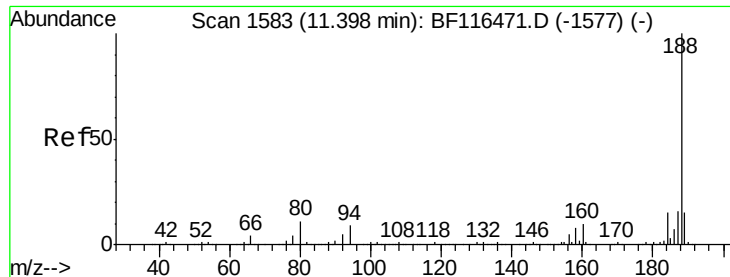
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.2	115.8
141	44.2	33.3	49.9



#45
 2-Fluorobiphenyl
 Concen: 19.140 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF116586.D
 Acq: 27 Aug 2019 15:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.9	43.3
170	24.2	19.4	29.0

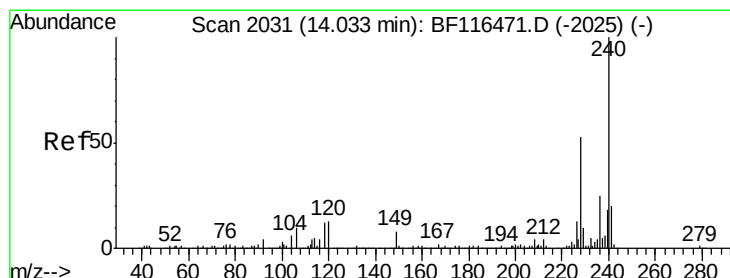
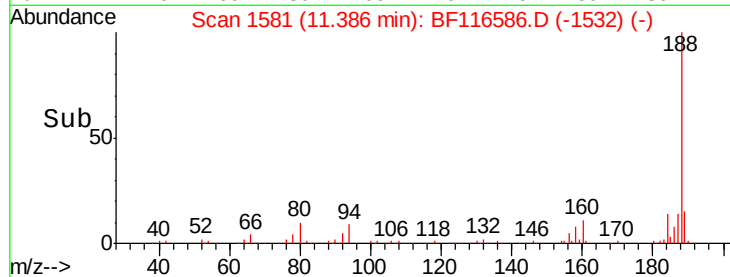
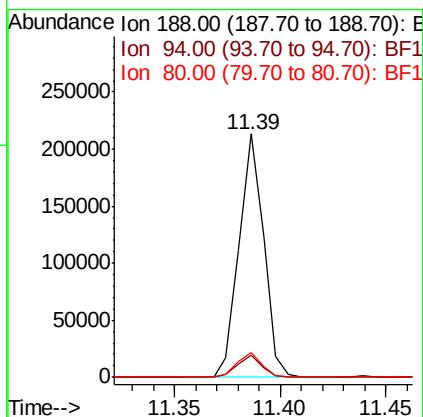
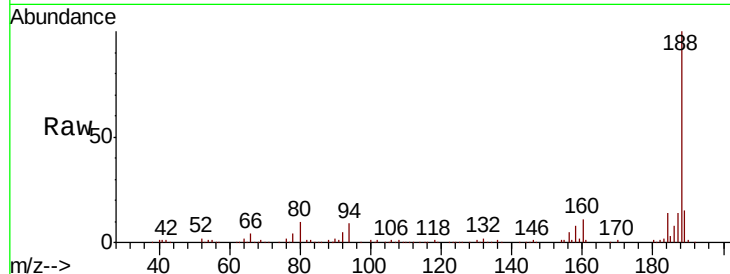




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF116586.D
Acq: 27 Aug 2019 15:41

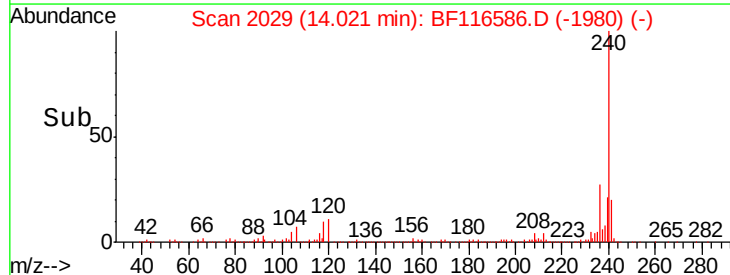
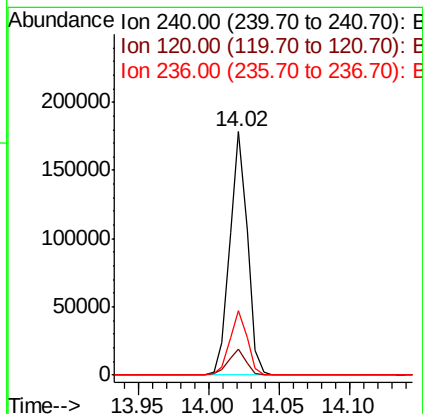
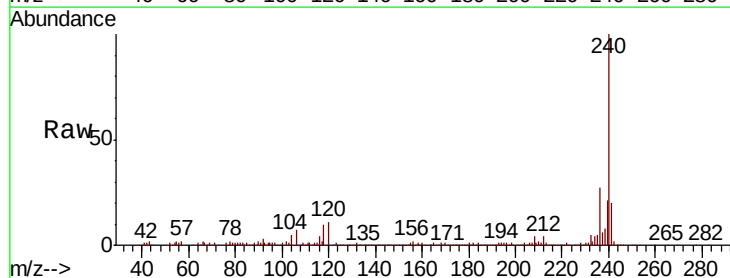
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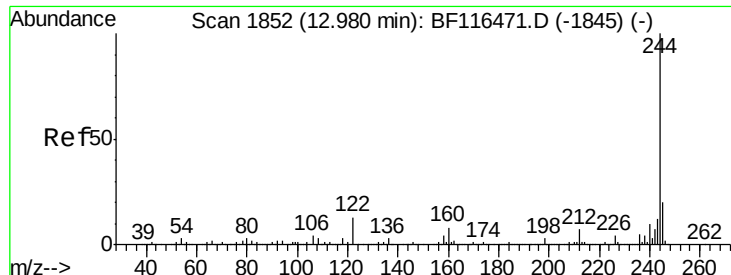
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.4	11.2
80	10.3	8.6	12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF116586.D
Acq: 27 Aug 2019 15:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.5	15.7
236	26.5	20.2	30.2

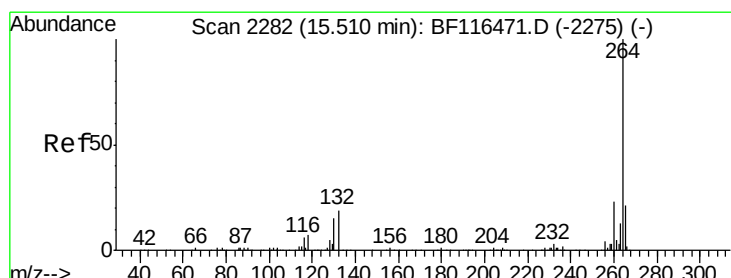
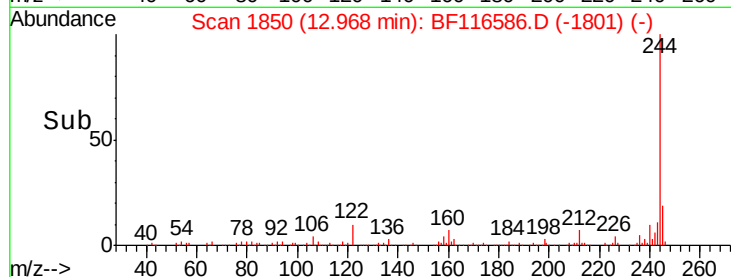
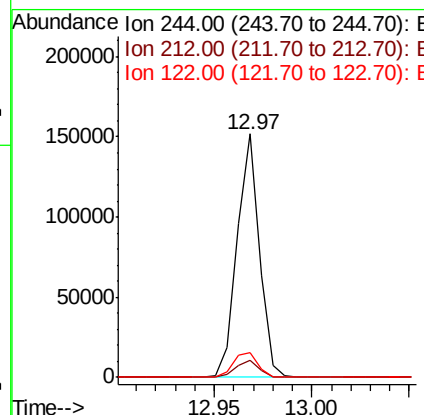
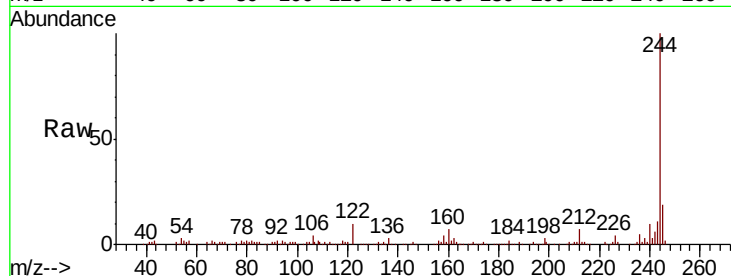




#79
 Terphenyl-d14
 Concen: 14.516 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. -0.01 min
 Lab File: BF116586.D
 Acq: 27 Aug 2019 15:41

Instrument :
 BNA_F
 ClientSampleID :
 NB-07-082619

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.3	10.2	15.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BF116586.D
 Acq: 27 Aug 2019 15:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.8	28.2
265	21.6	17.1	25.7

