

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF090919\
 Data File : BF116909.D
 Acq On : 9 Sep 2019 20:59
 Operator : HP/JU
 Sample : K4752-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Quant Time: Sep 10 03:44:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

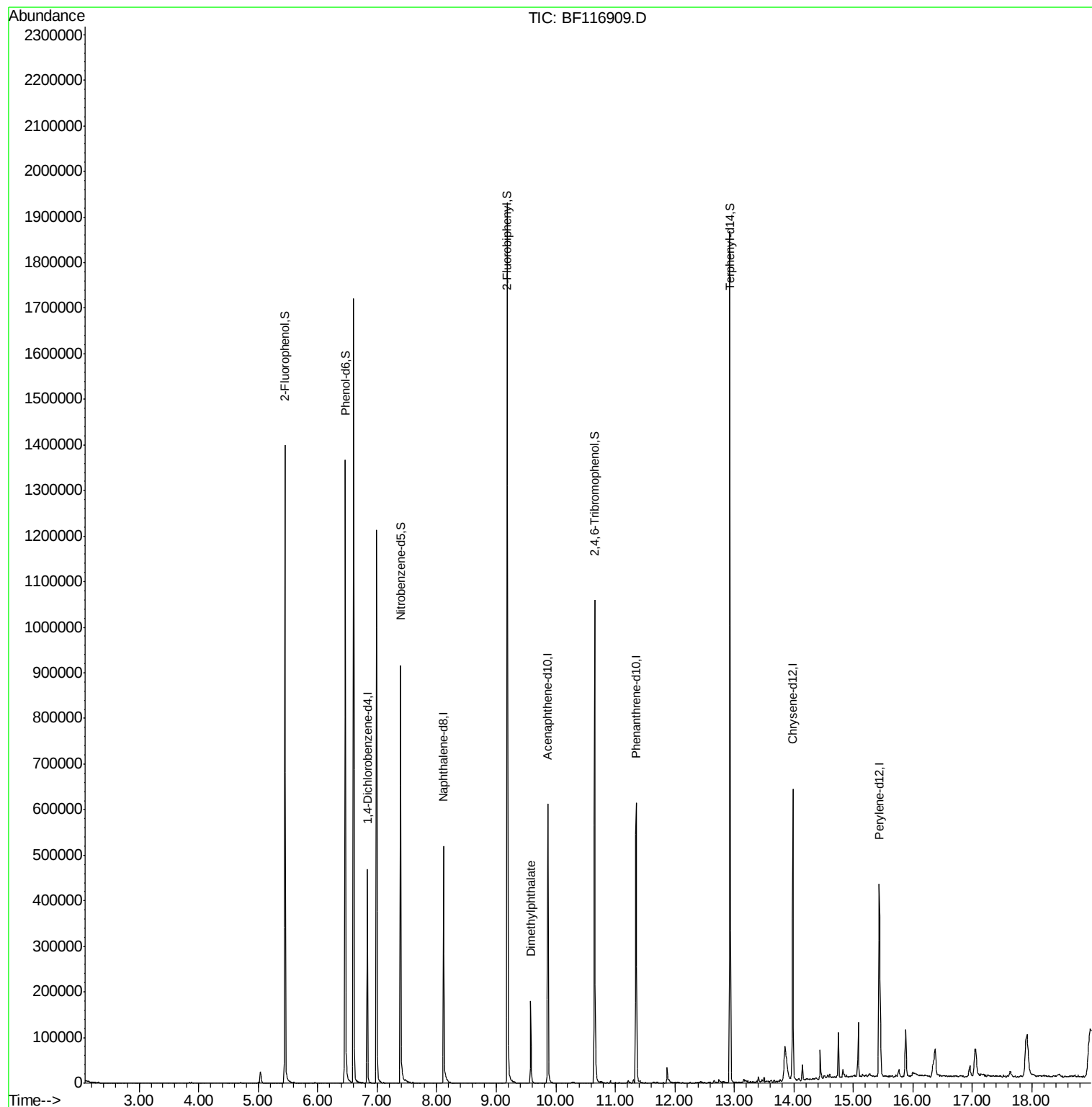
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	68402	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	270874	20.00	ng	-0.02
39) Acenaphthene-d10	9.87	164	142701	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	249855	20.00	ng	-0.02
76) Chrysene-d12	13.98	240	207503	20.00	ng	-0.02
87) Perylene-d12	15.43	264	195328	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	389636	92.28	ng	-0.01
7) Phenol-d6	6.46	99	539952	97.39	ng	-0.02
23) Nitrobenzene-d5	7.39	82	326210	68.75	ng	-0.02
42) 2,4,6-Tribromophenol	10.65	330	119608	125.38	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	596312	70.49	ng	-0.02
79) Terphenyl-d14	12.93	244	665075	59.29	ng	-0.02
Target Compounds						
50) Dimethylphthalate	9.58	163	80432	8.164	ng	Qvalue # 98

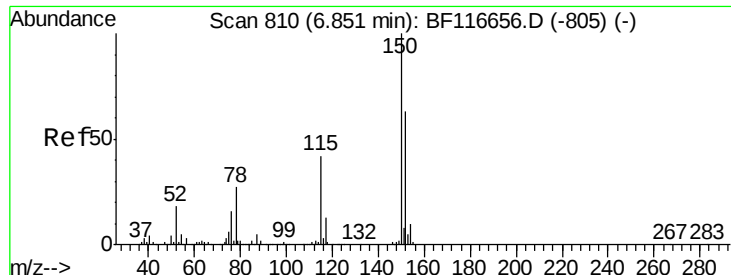
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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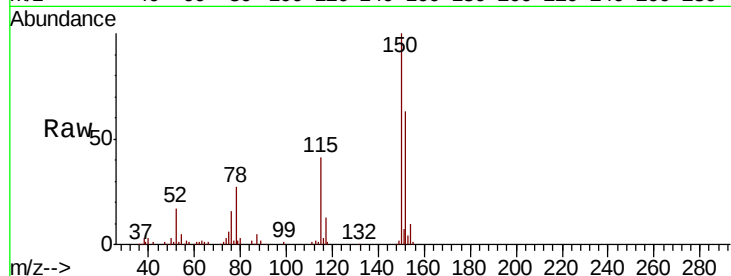


#1

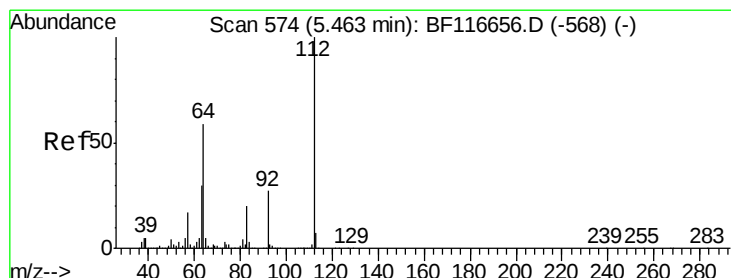
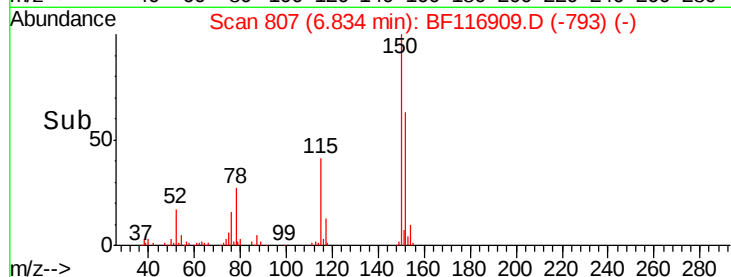
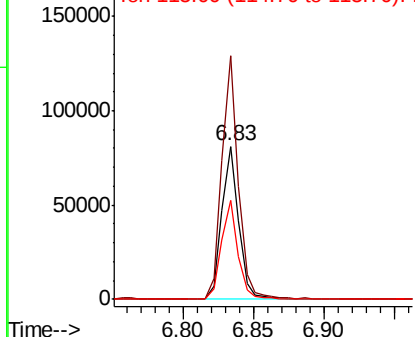
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tot Ion:152 Resp: 68402
Ion Ratio Lower Upper
152 100
150 158.8 124.4 186.6
115 64.7 49.9 74.9



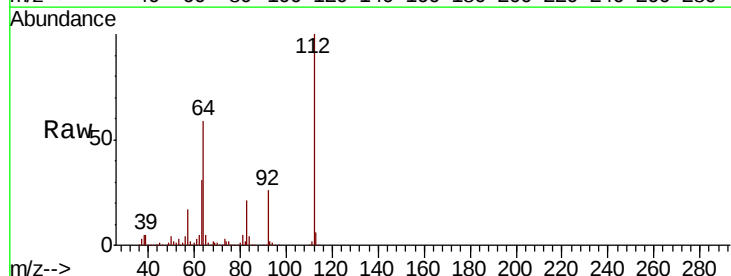
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



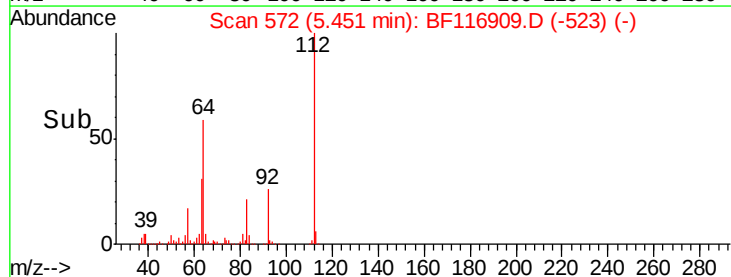
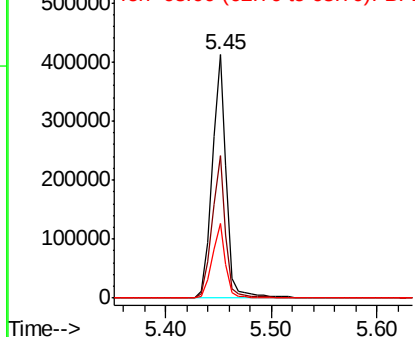
#5

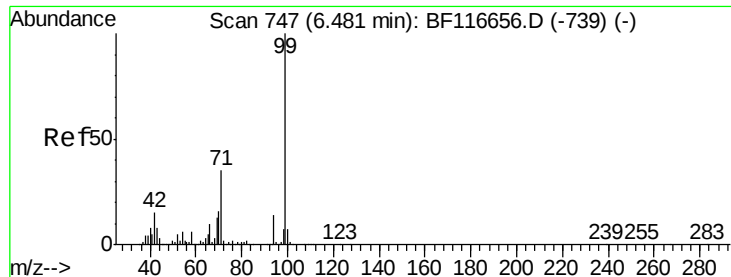
2-Fluorophenol
Concen: 92.283 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Tgt Ion:112 Resp: 389636
Ion Ratio Lower Upper
112 100
64 58.6 47.1 70.7
63 30.5 24.9 37.3



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: 97.390 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.02 min

Lab File: BF116909.D

Acq: 9 Sep 2019 20:59

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

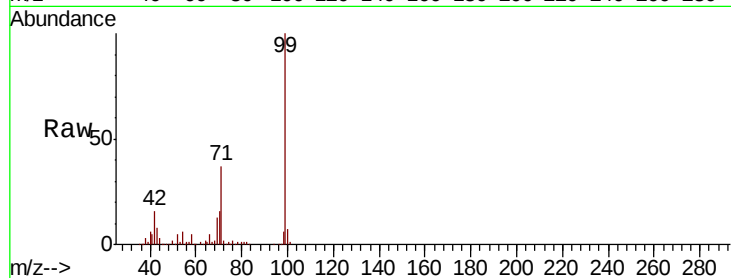
Tot Ion: 99 Resp: 539952

Ion Ratio Lower Upper

99 100

42 15.7 13.7 20.5

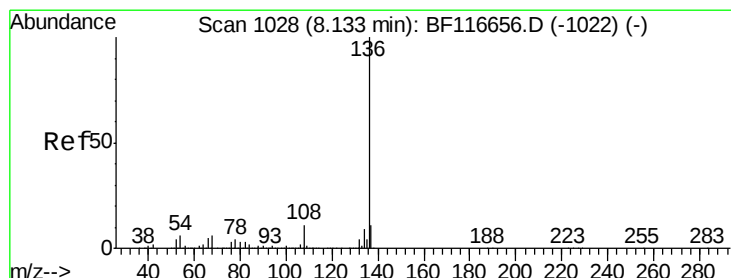
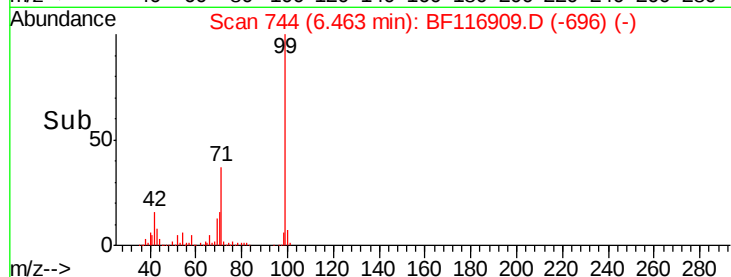
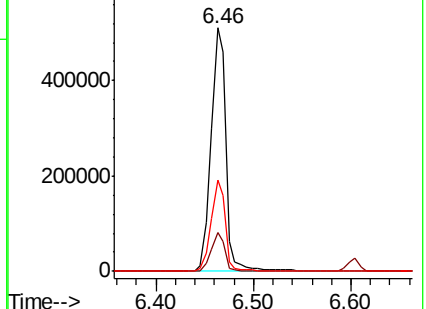
71 37.4 30.8 46.2



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: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF116909.D

Acq: 9 Sep 2019 20:59

Tgt Ion: 136 Resp: 270874

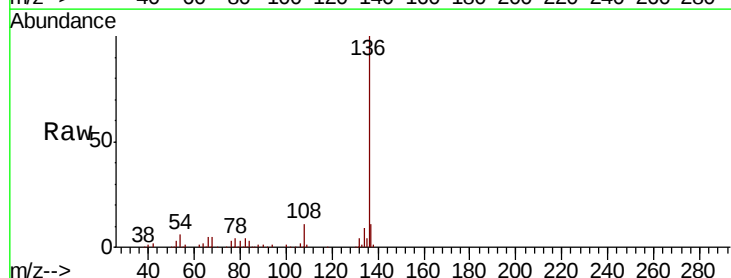
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 5.5 4.8 7.2

68 4.9 4.0 6.0

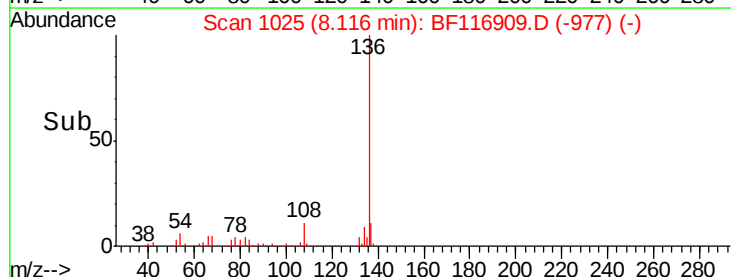
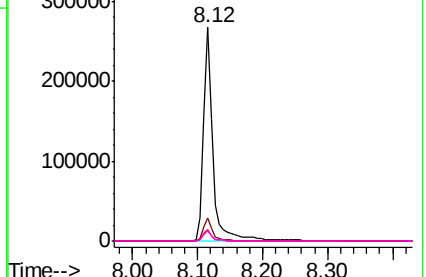


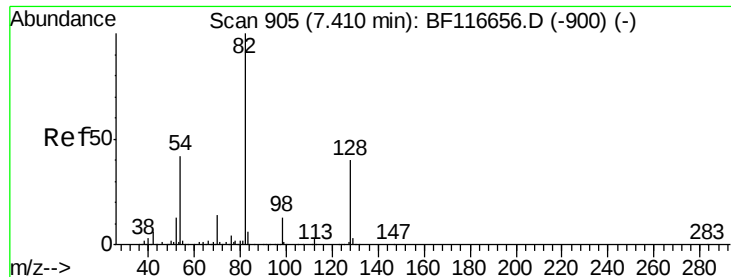
Abundance Ion 136.00 (135.70 to 136.70): E

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

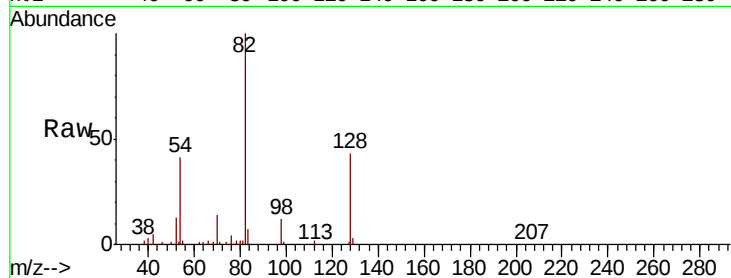




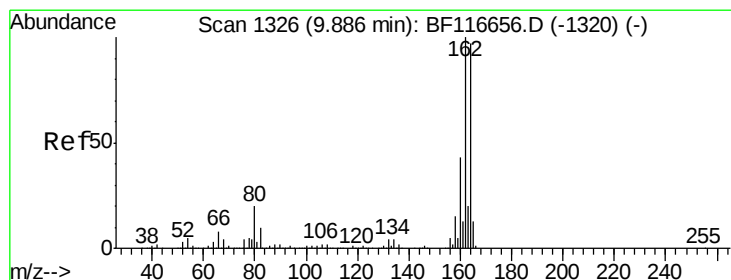
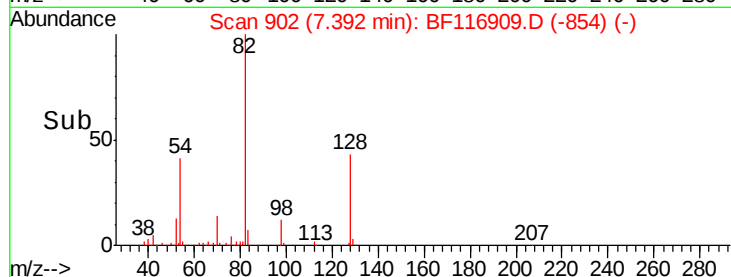
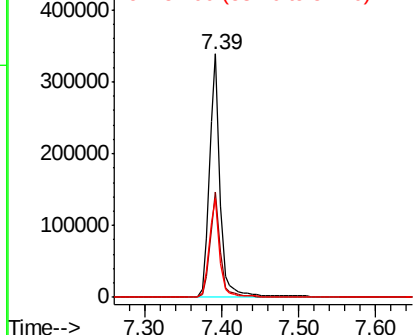
#23
 Nitrobenzene-d5
 Concen: 68.750 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: BF116909.D
 Acq: 9 Sep 2019 20:59

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Tot Ion	82	Resp	326210
Ion Ratio	Lower	Upper	
82	100		
128	43.5	32.8	49.2
54	40.7	36.9	55.3

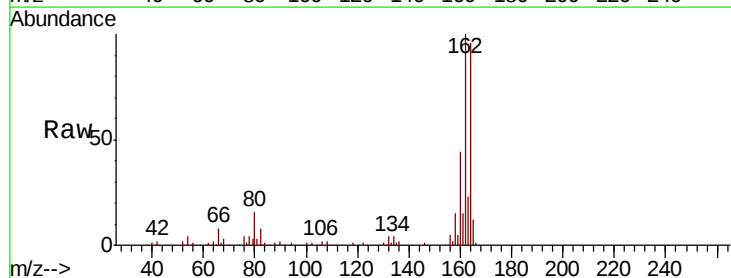


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

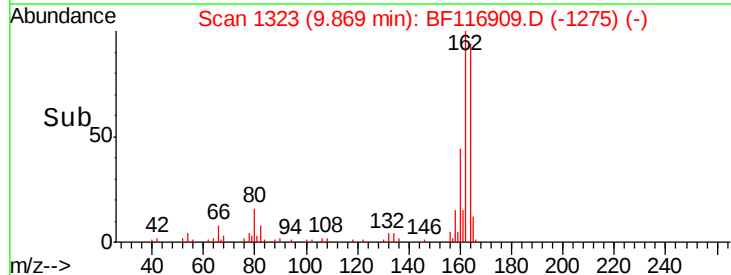
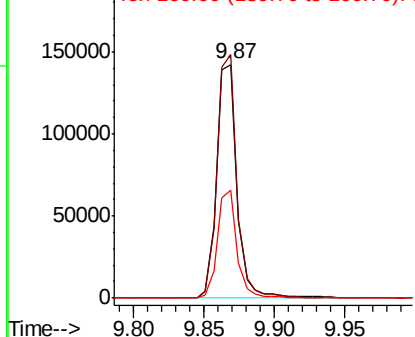


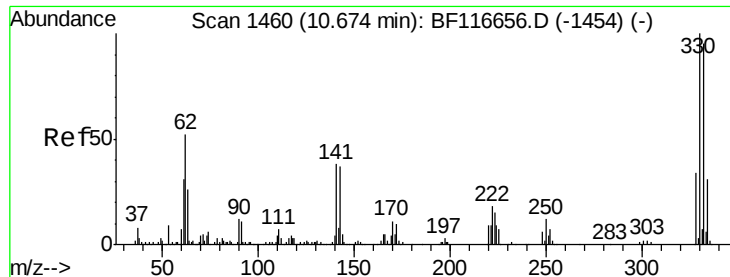
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116909.D
 Acq: 9 Sep 2019 20:59

Tgt Ion	164	Resp	142701
Ion Ratio	Lower	Upper	
164	100		
162	104.1	81.4	122.0
160	45.9	35.4	53.2



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: 125.377 ng

RT: 10.65 min Scan# 1456

Delta R.T. -0.02 min

Lab File: BF116909.D

Acq: 9 Sep 2019 20:59

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

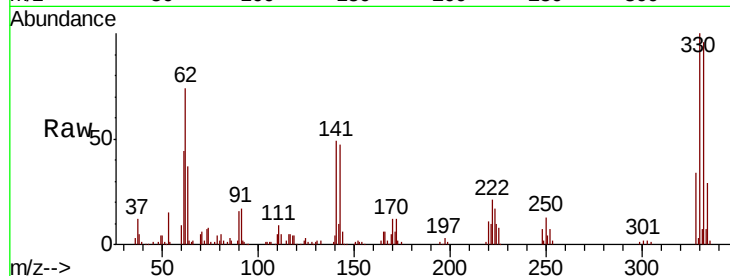
Tot Ion:330 Resp: 119608

Ion Ratio Lower Upper

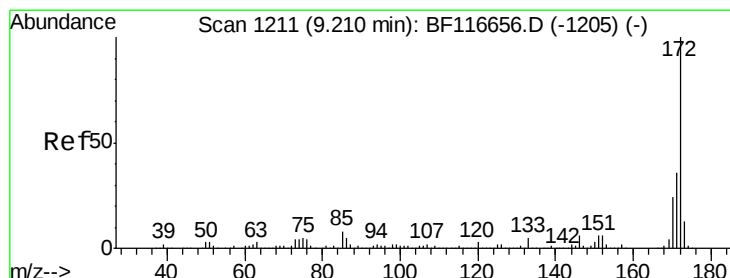
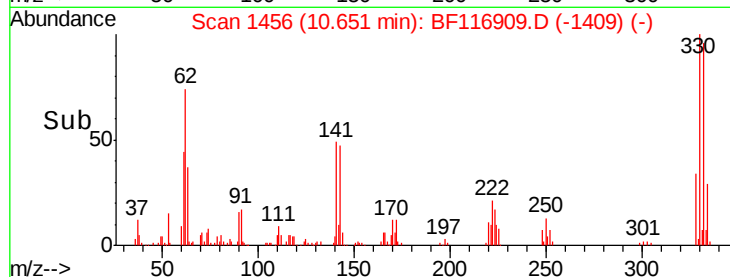
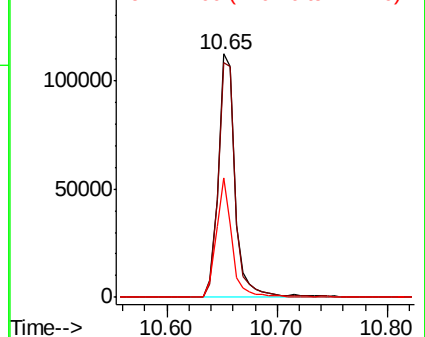
330 100

332 97.0 76.9 115.3

141 44.7 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E
150000 Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 70.491 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116909.D

Acq: 9 Sep 2019 20:59

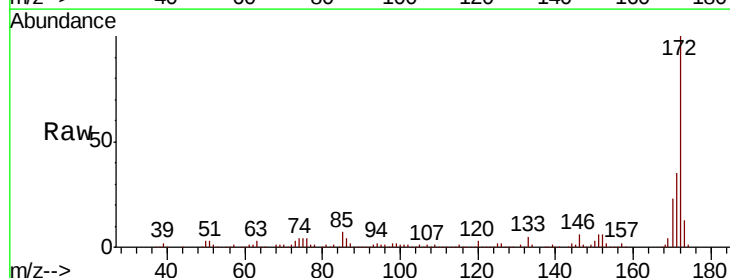
Tgt Ion:172 Resp: 596312

Ion Ratio Lower Upper

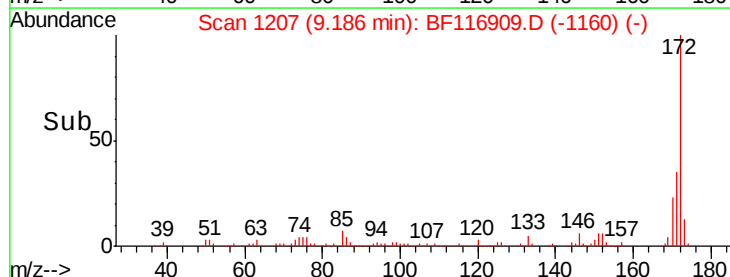
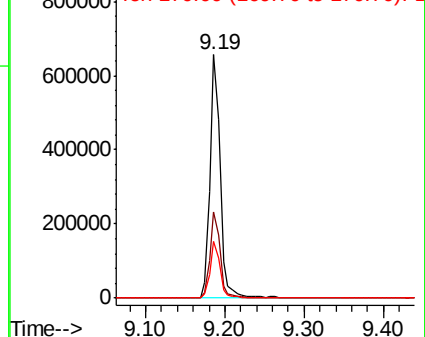
172 100

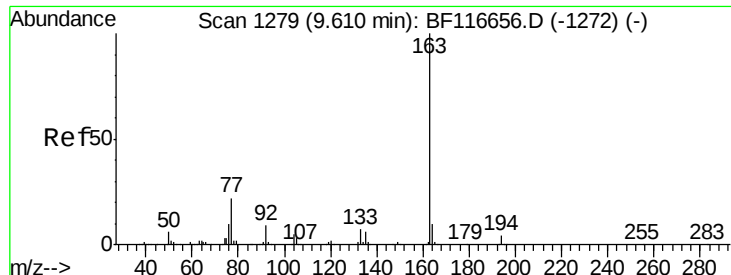
171 35.2 27.8 41.6

170 23.3 18.9 28.3



Abundance Ion 172.00 (171.70 to 172.70): E
800000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

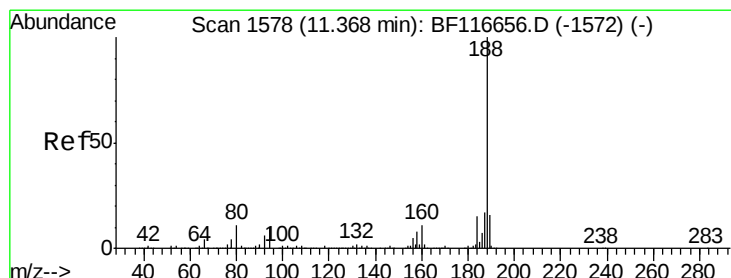
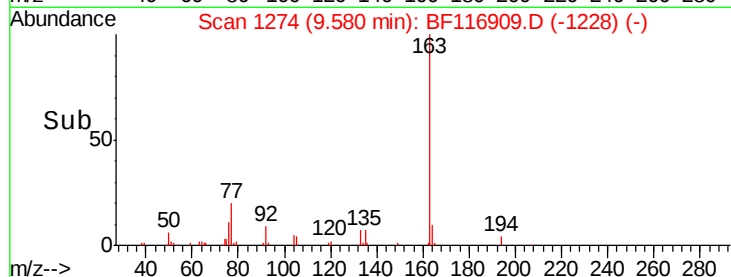
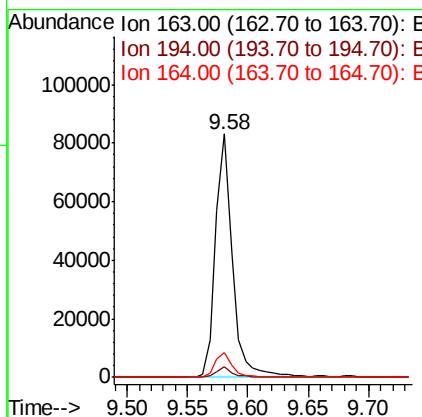
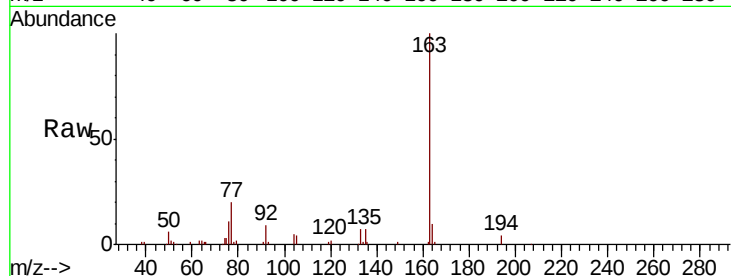




#50
Dimethylphthalate
Concen: 8.164 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.03 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

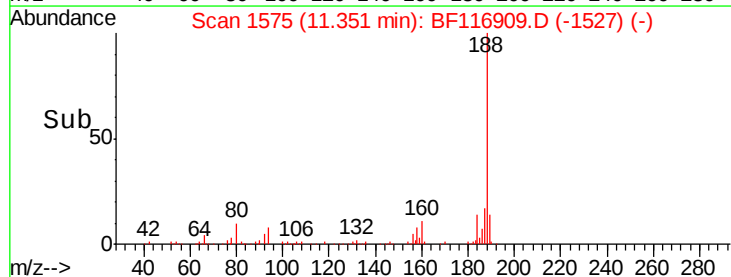
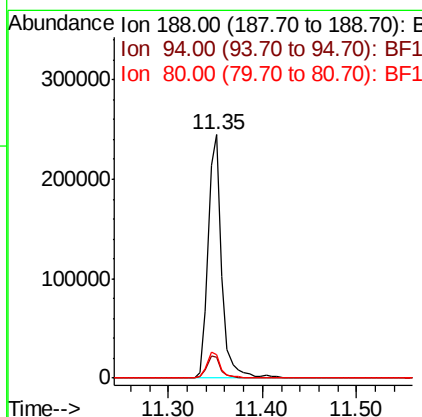
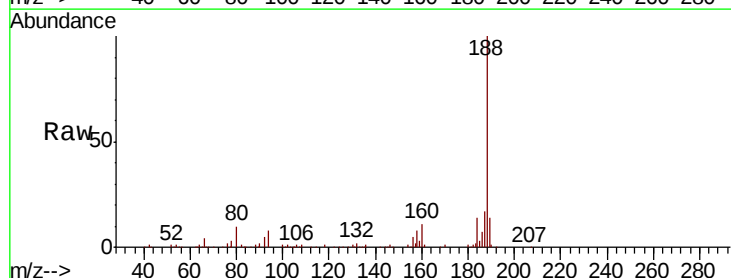
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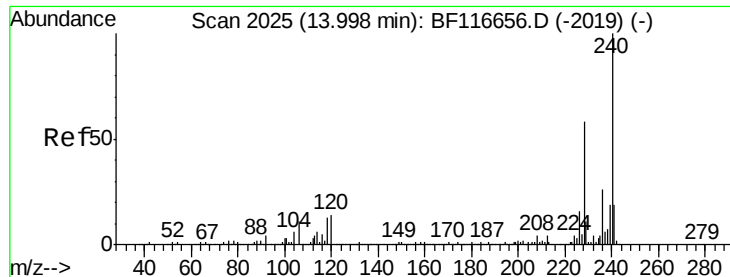
Tot Ion:163 Resp: 80432
Ion Ratio Lower Upper
163 100
194 4.3 2.8 4.2#
164 10.1 8.6 12.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Tgt Ion:188 Resp: 249855
Ion Ratio Lower Upper
188 100
94 8.4 7.3 10.9
80 9.6 8.4 12.6

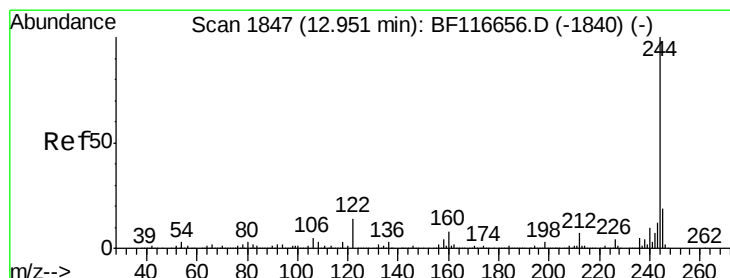
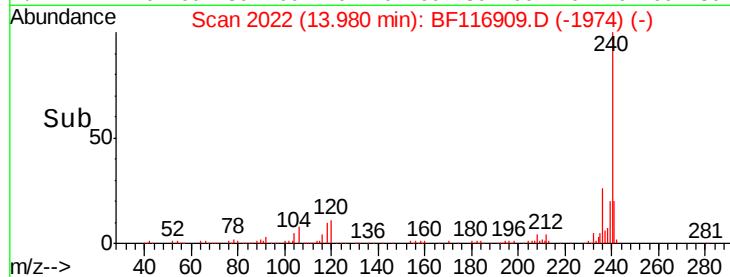
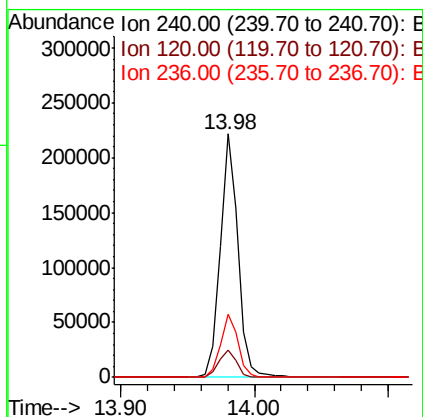
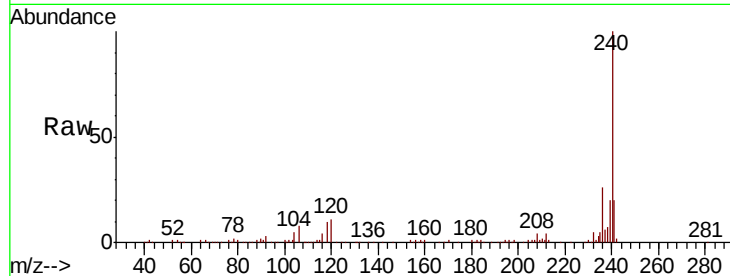




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

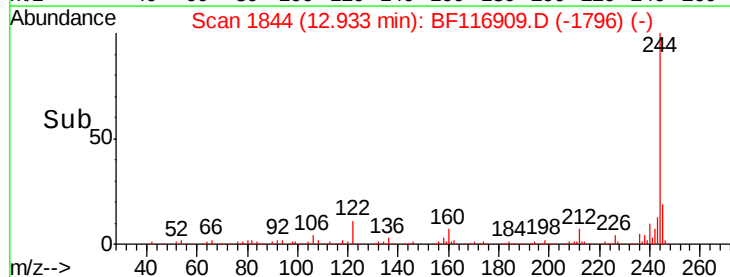
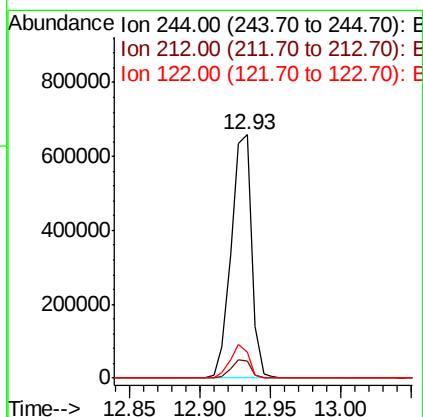
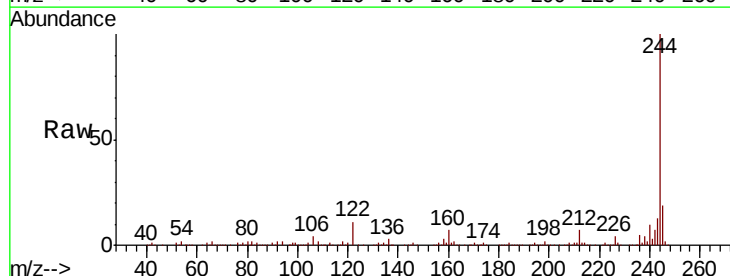
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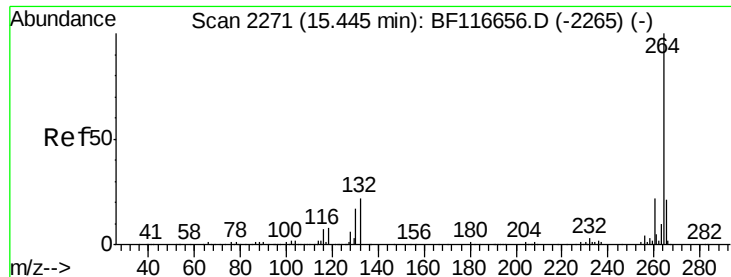
Tot Ion:240 Resp: 207503
Ion Ratio Lower Upper
240 100
120 11.4 9.1 13.7
236 25.8 21.1 31.7



#79
Terphenyl-d14
Concen: 59.293 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Tgt Ion:244 Resp: 665075
Ion Ratio Lower Upper
244 100
212 6.9 6.1 9.1
122 10.9 10.2 15.4





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF116909.D
Acq: 9 Sep 2019 20:59

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.3	27.5
265	21.0	16.5	24.7

