

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051619\
 Data File : BF114335.D
 Acq On : 17 May 2019 3:41
 Operator : JU/SJ
 Sample : K2867-21
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-K

Quant Time: May 17 08:31:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

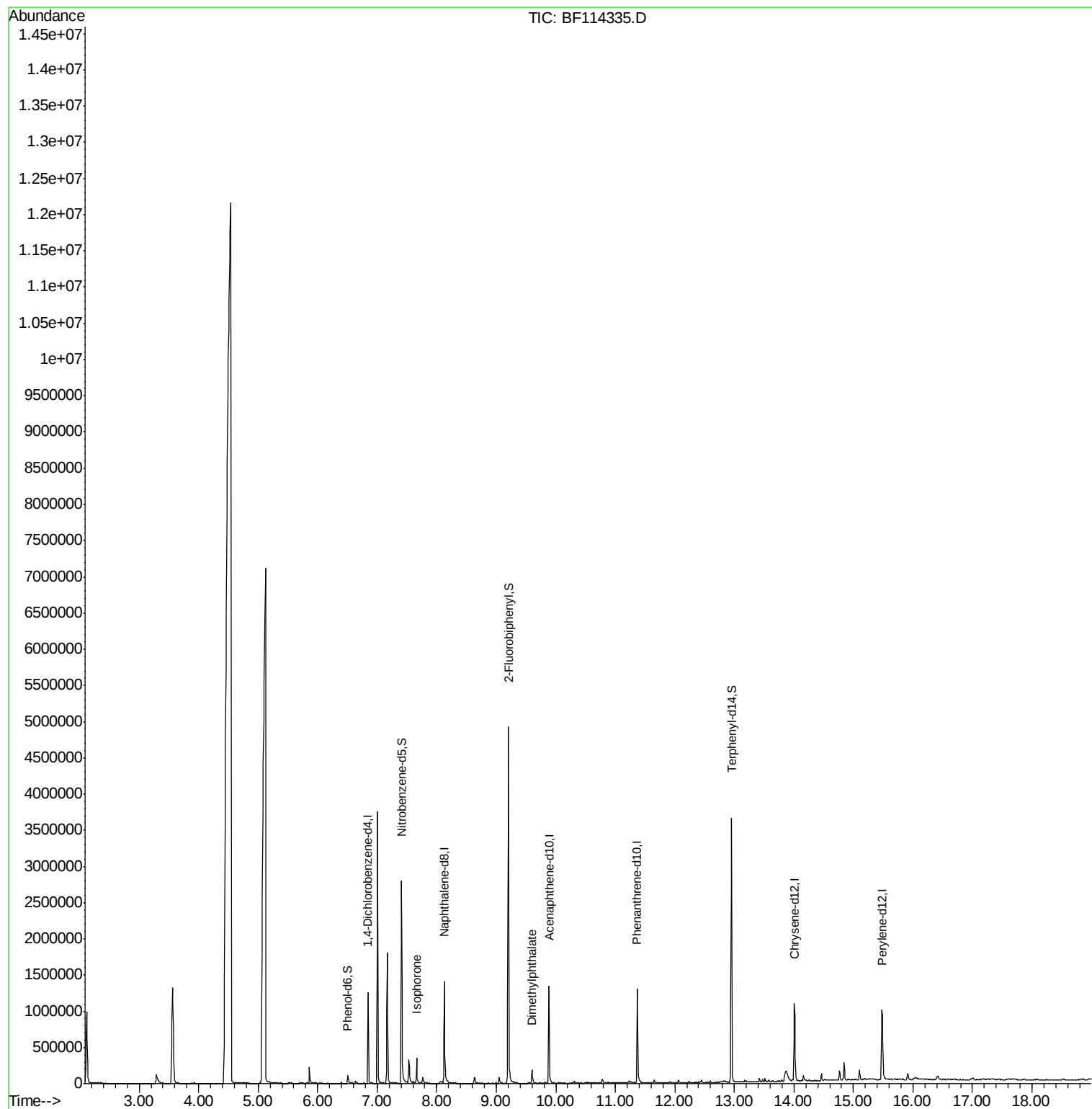
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	193789	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	718946	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	316139	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	561455	20.00	ng	0.00
76) Chrysene-d12	14.01	240	406971	20.00	ng	-0.01
87) Perylene-d12	15.48	264	477105	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	7366	0.61	ng	0.04
7) Phenol-d6	6.50	99	58887	4.13	ng	0.01
23) Nitrobenzene-d5	7.41	82	872932	68.14	ng	0.00
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	9.20	172	1562351	74.76	ng	0.00
79) Terphenyl-d14	12.95	244	1255682	63.60	ng	0.00
Target Compounds						
25) Isophorone	7.66	82	146790	6.178	ng	99
50) Dimethylphthalate	9.60	163	111883	4.821	ng	99

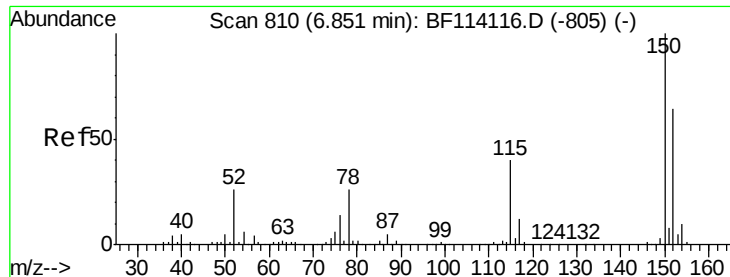
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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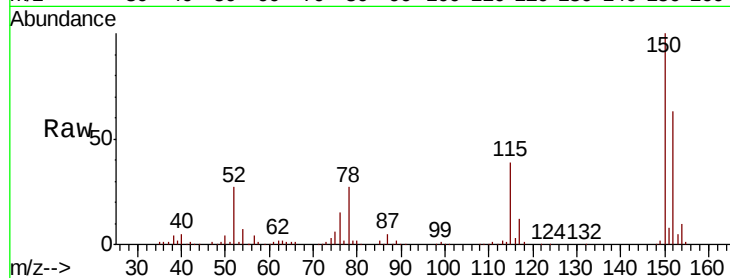


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF114335.D
Acq: 17 May 2019 3:41

Instrument :
BNA_F
ClientSampleId :
CONCRETE-K

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.3	186.5
115	61.0	49.1	73.7

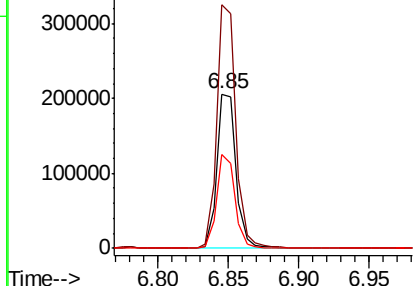
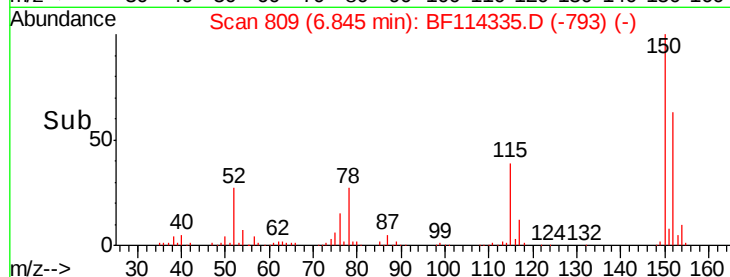


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

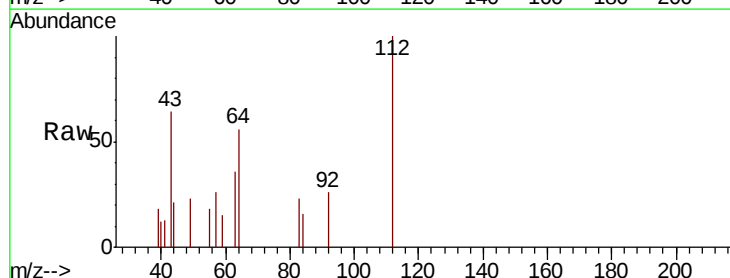
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 0.612 ng
RT: 5.52 min Scan# 583
Delta R.T. 0.04 min
Lab File: BF114335.D
Acq: 17 May 2019 3:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	49.0	73.6
63	36.5	24.6	37.0

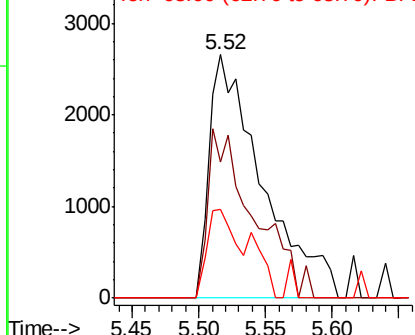
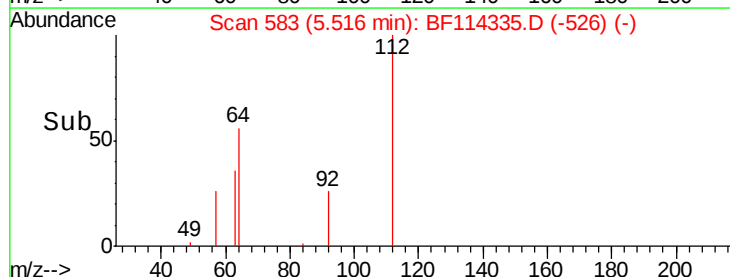


Abundance

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: 4.135 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114335.D

Acq: 17 May 2019 3:41

Instrument :

BNA_F

ClientSampleId :

CONCRETE-K

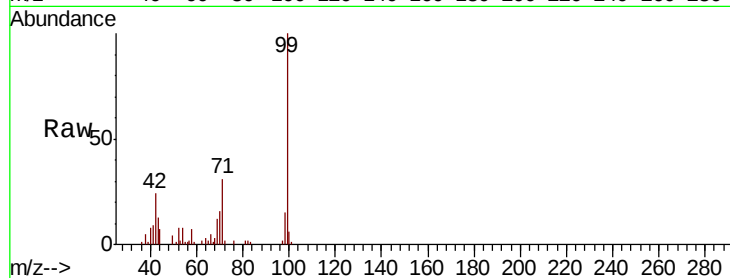
Tot Ion: 99 Resp: 58887

Ion Ratio Lower Upper

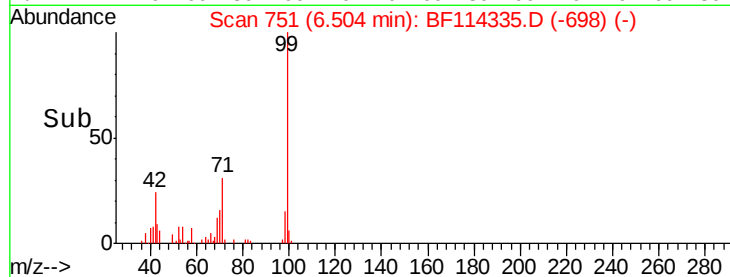
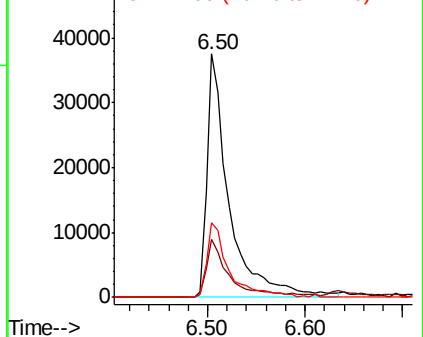
99 100

42 23.9 17.9 26.9

71 30.5 26.2 39.2



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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF114335.D

Acq: 17 May 2019 3:41

Tgt Ion: 136 Resp: 718946

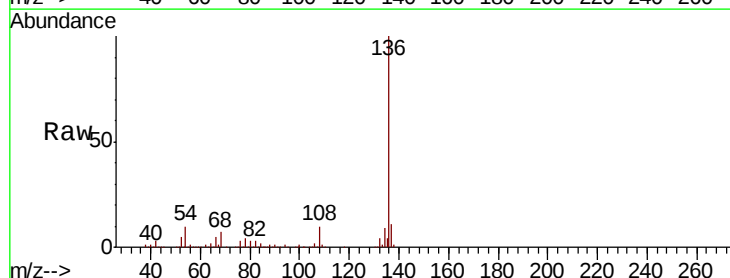
Ion Ratio Lower Upper

136 100

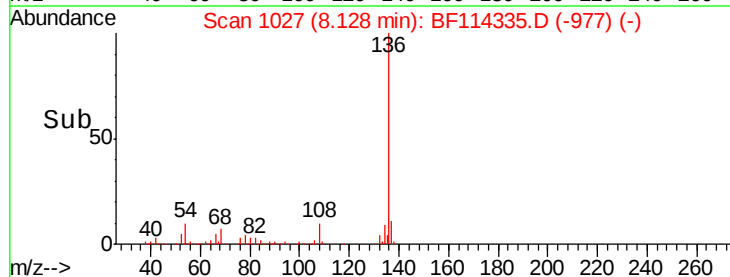
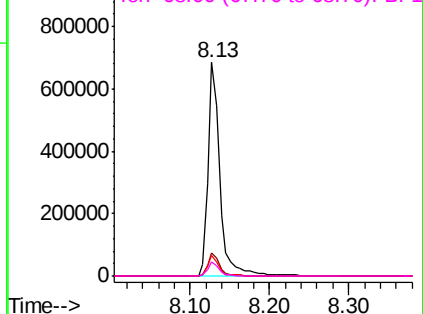
137 11.1 8.8 13.2

54 9.6 7.8 11.8

68 6.7 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

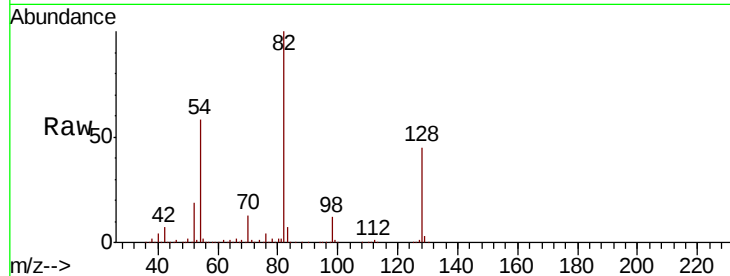




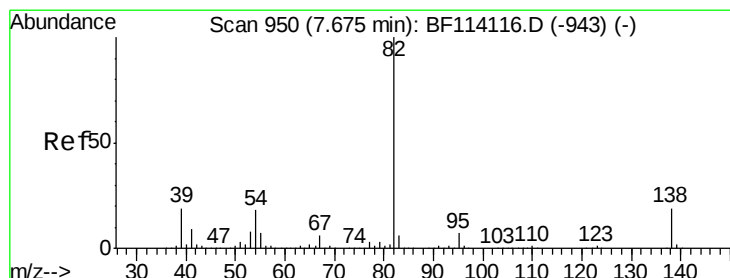
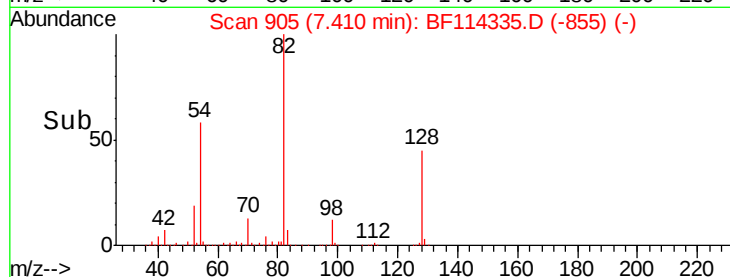
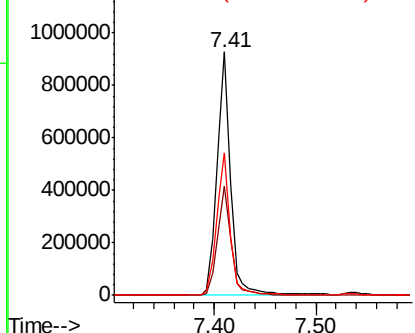
#23
Nitrobenzene-d5
Concen: 68.140 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114335.D
Acq: 17 May 2019 3:41

Instrument :
BNA_F
ClientSampleId :
CONCRETE-K

Tot Ion	82	Resp	872932
Ion Ratio	Lower	Upper	
82	100		
128	45.0	35.5	53.3
54	58.3	48.5	72.7

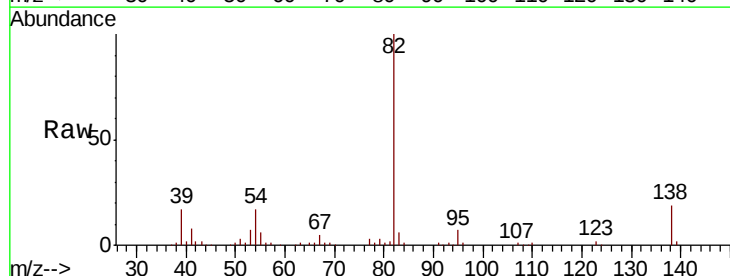


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

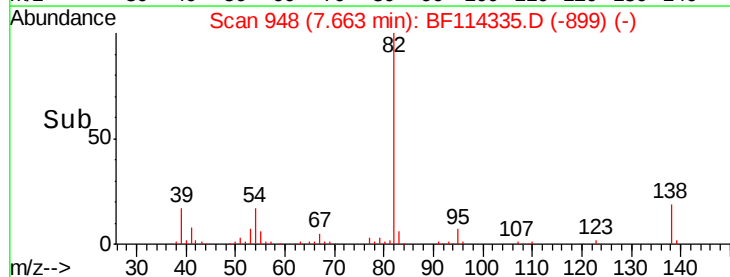
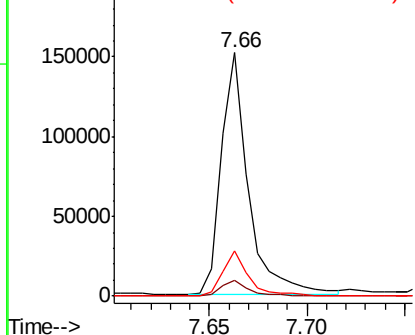


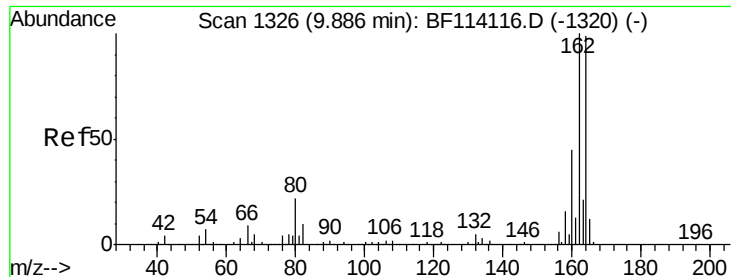
#25
Isophorone
Concen: 6.178 ng
RT: 7.66 min Scan# 948
Delta R.T. -0.01 min
Lab File: BF114335.D
Acq: 17 May 2019 3:41

Tgt Ion	82	Resp	146790
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.6	8.4
138	18.7	14.8	22.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.00 min

Lab File: BF114335.D

Acq: 17 May 2019 3:41

Instrument :

BNA_F

ClientSampleId :

CONCRETE-K

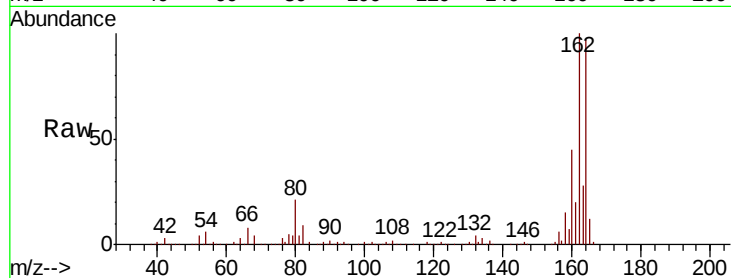
Tot Ion:164 Resp: 316139

Ion Ratio Lower Upper

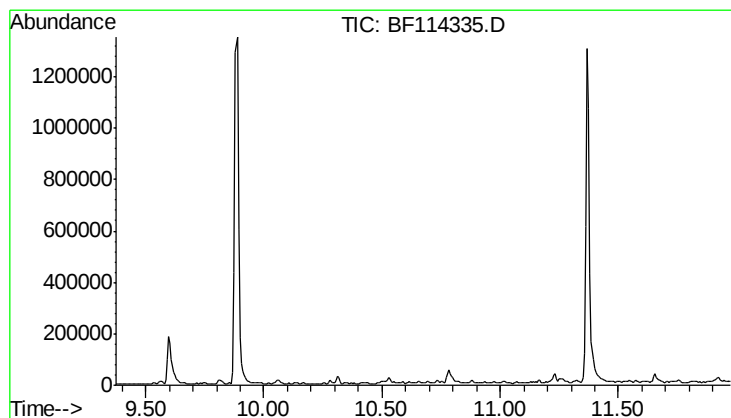
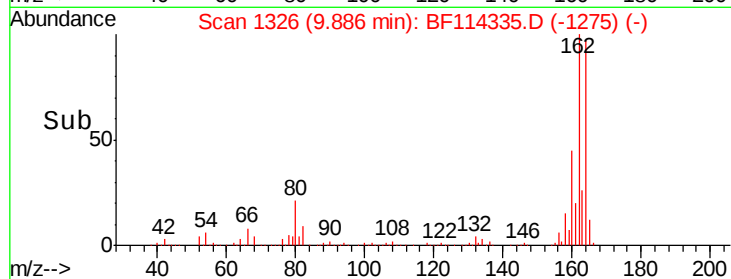
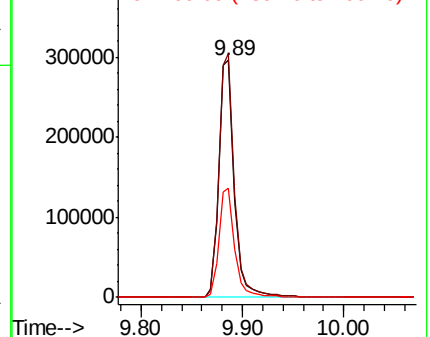
164 100

162 102.9 80.6 120.8

160 46.3 36.5 54.7



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: 0.000 ng

Expected RT: 10.67 min

Lab File: BF114335.D

Acq: 17 May 2019 3:41

Tgt Ion: 330

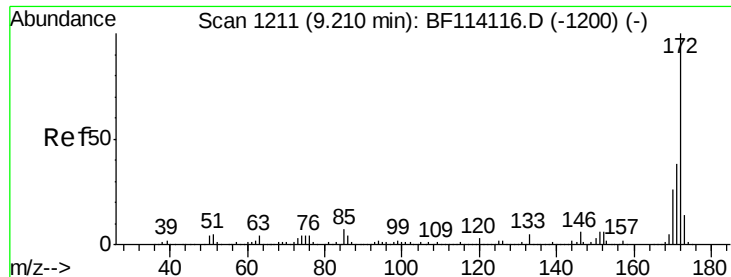
Sig Exp Ratio

330 100

332 101.8

141 33.3



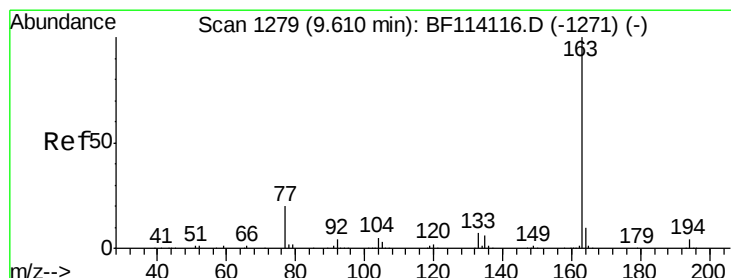
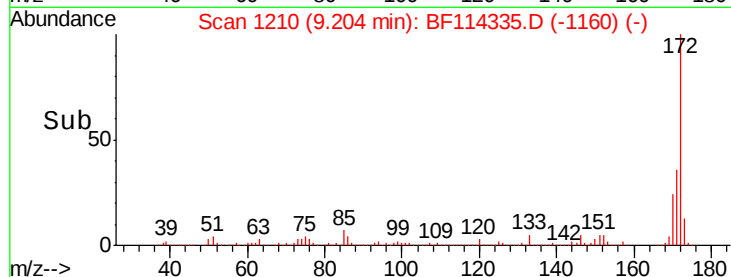
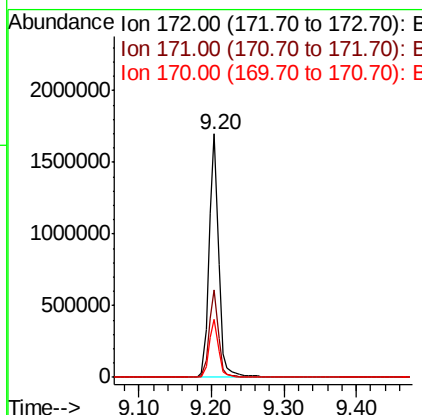
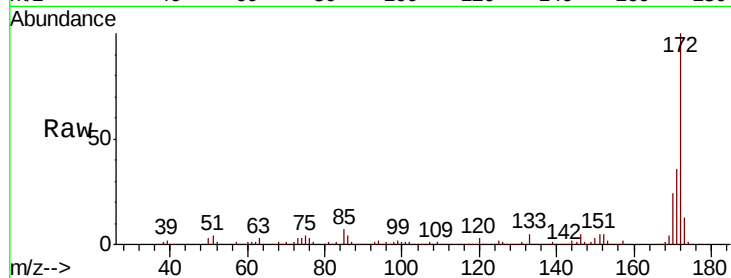


#45
 2-Fluorobiphenyl
 Concen: 74.756 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114335.D
 Acq: 17 May 2019 3:41

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-K

Tot Ion:172 Resp: 1562351

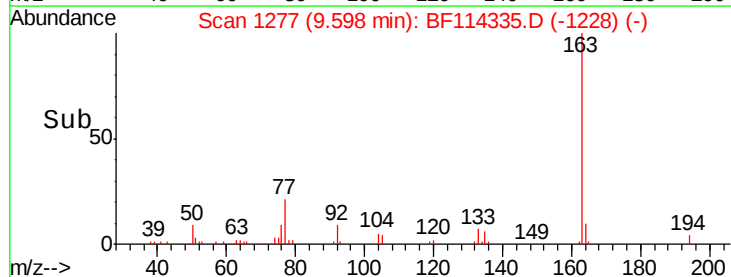
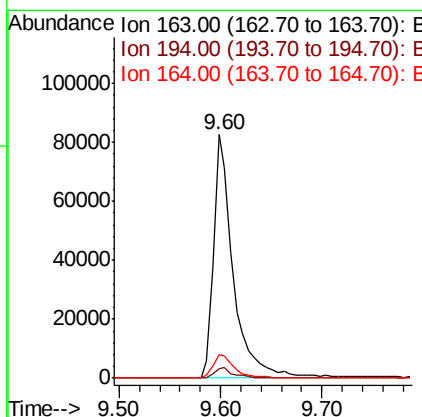
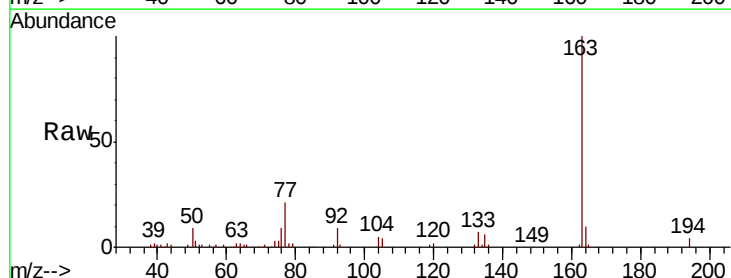
Ion	Ratio	Lower	Upper
172	100		
171	35.7	30.7	46.1
170	24.0	20.5	30.7

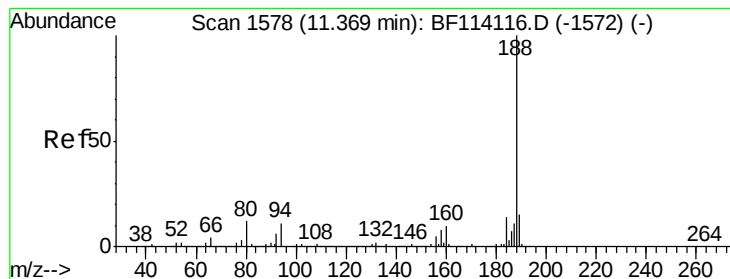


#50
 Dimethylphthalate
 Concen: 4.821 ng
 RT: 9.60 min Scan# 1277
 Delta R.T. -0.01 min
 Lab File: BF114335.D
 Acq: 17 May 2019 3:41

Tgt Ion:163 Resp: 111883

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.0
164	9.9	8.2	12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1578

Delta R.T. -0.00 min

Lab File: BF114335.D

Acq: 17 May 2019 3:41

Instrument :

BNA_F

ClientSampleId :

CONCRETE-K

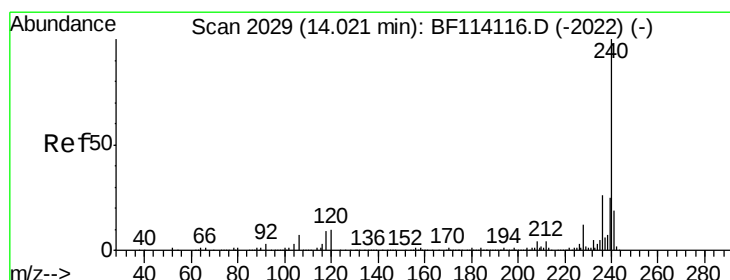
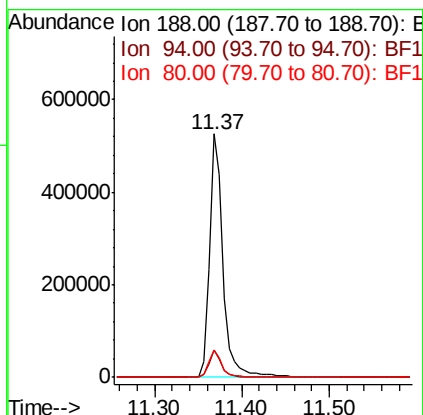
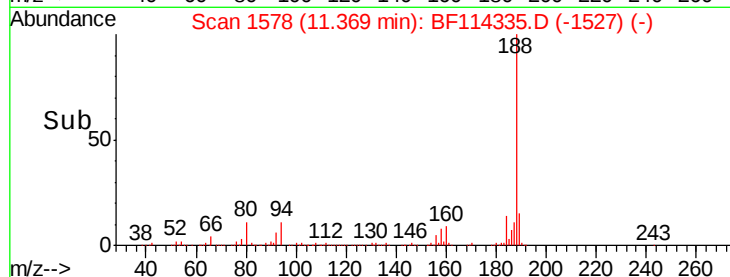
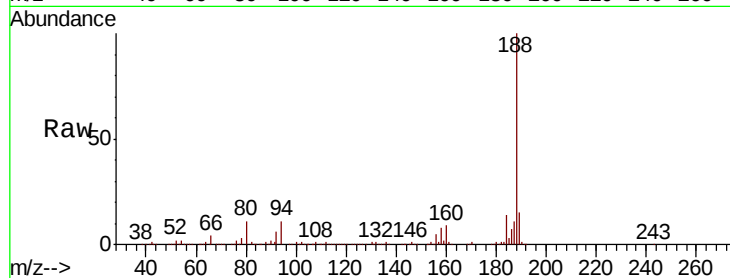
Tot Ion:188 Resp: 561455

Ion Ratio Lower Upper

188 100

94 11.0 8.4 12.6

80 11.3 9.2 13.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF114335.D

Acq: 17 May 2019 3:41

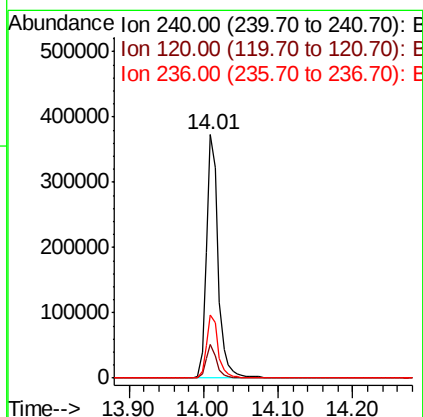
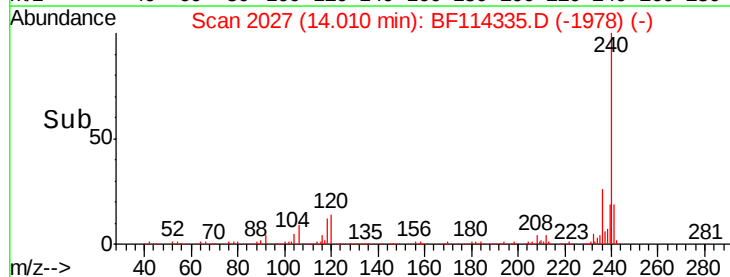
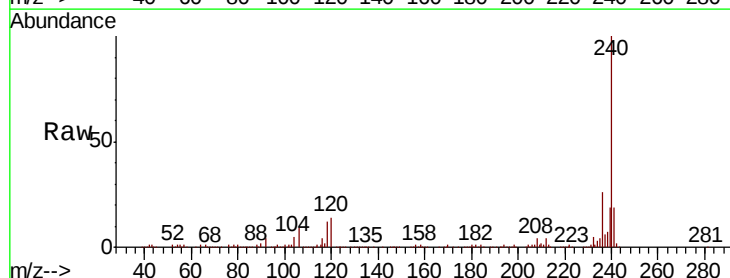
Tgt Ion:240 Resp: 406971

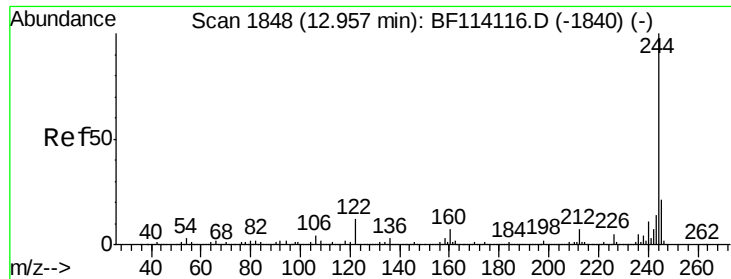
Ion Ratio Lower Upper

240 100

120 13.7 8.3 12.5#

236 25.7 20.8 31.2



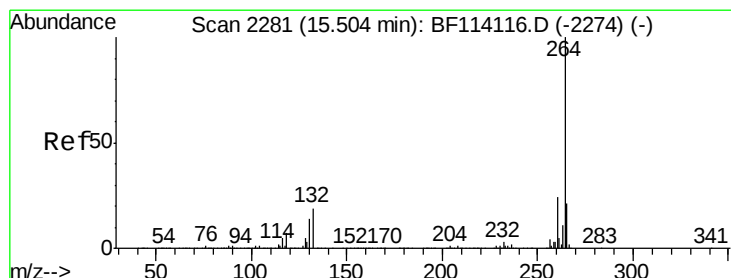
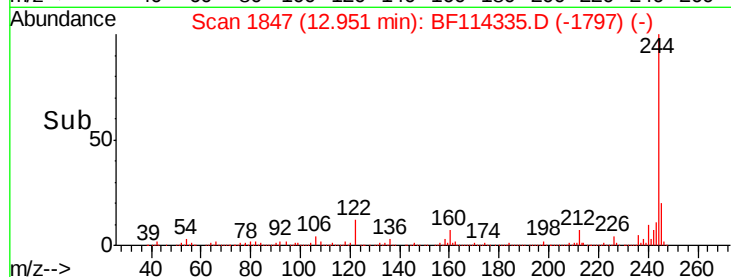
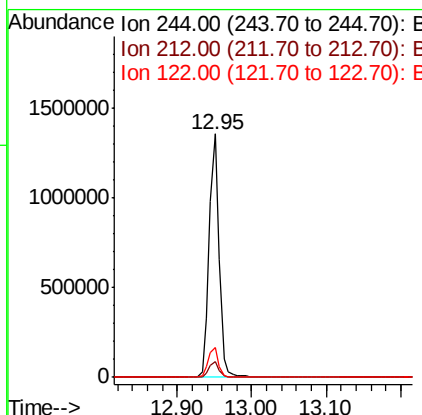
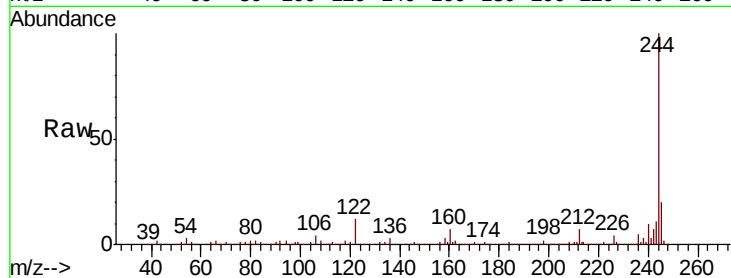


#79
 Terphenyl-d14
 Concen: 63.604 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114335.D
 Acq: 17 May 2019 3:41

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-K

Tot Ion:244 Resp: 1255682

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	12.2	9.4	14.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.02 min
 Lab File: BF114335.D
 Acq: 17 May 2019 3:41

Tgt Ion:264 Resp: 477105

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	22.0	16.9	25.3

