

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116248.D
 Acq On : 13 Aug 2019 23:29
 Operator : HP/JU
 Sample : K4319-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-CONDUIT

Quant Time: Aug 14 01:57:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

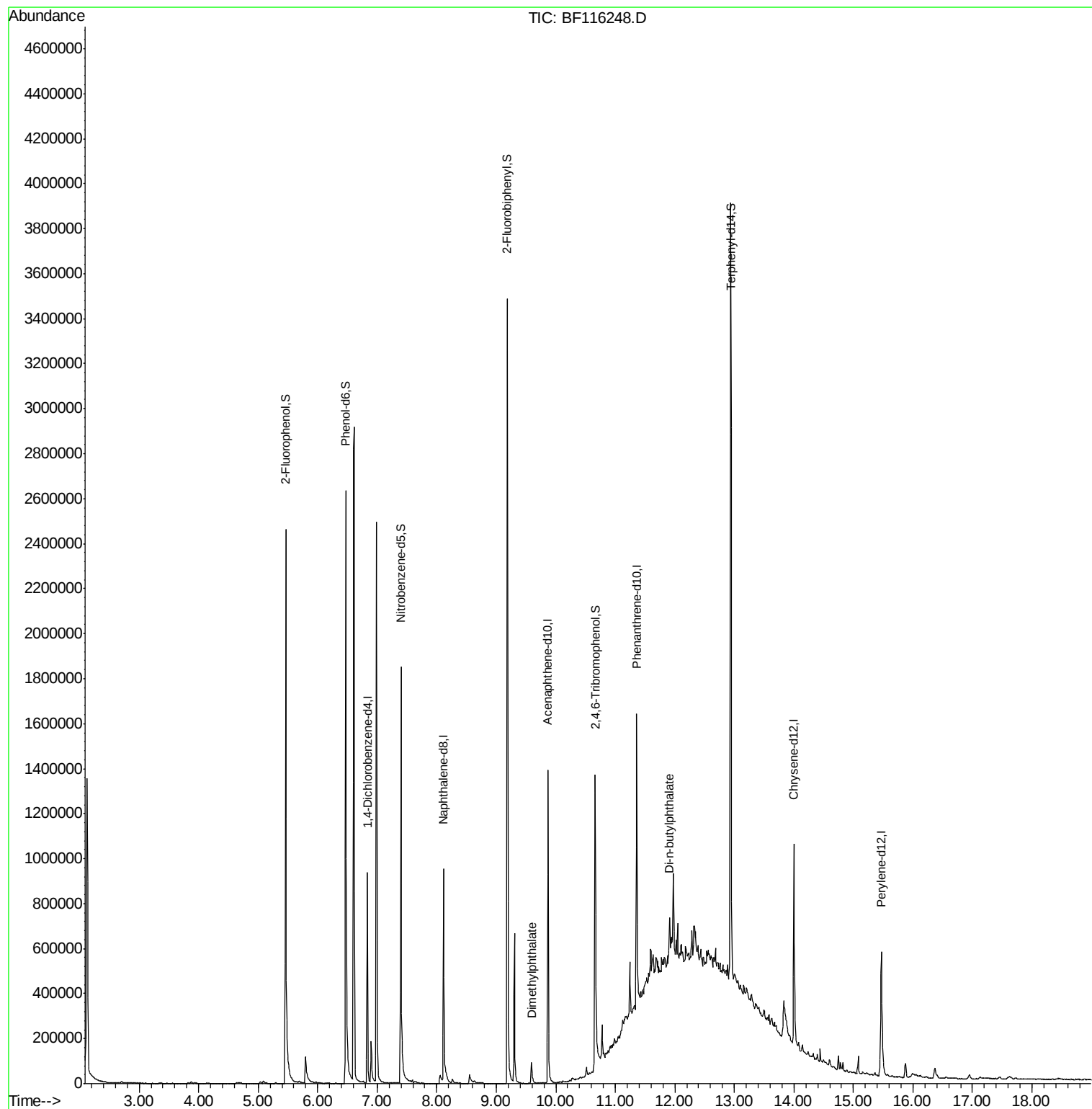
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	142671	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	571778	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	303927	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	534661	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	363886	20.00	ng	0.00
87) Perylene-d12	15.47	264	360986	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	846135	99.28	ng	0.00
7) Phenol-d6	6.47	99	1111238	103.35	ng	-0.01
23) Nitrobenzene-d5	7.40	82	714140	72.10	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	237674	80.66	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1258599	77.57	ng	-0.02
79) Terphenyl-d14	12.94	244	1330075	77.02	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	70450	3.404	ng	98
74) Di-n-butylphthalate	11.91	149	125345	4.281	ng	99

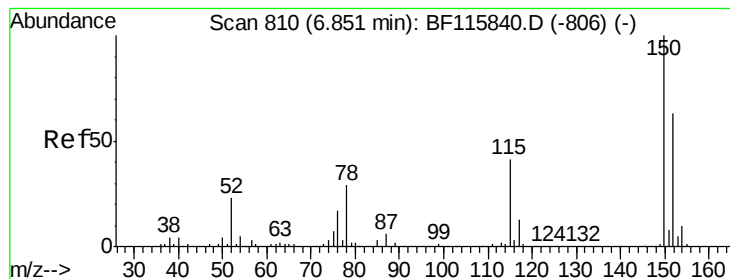
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF116248.D

Acq: 13 Aug 2019 23:29

Instrument :

BNA_F

ClientSampleId :

CONCRETE-CONDUIT

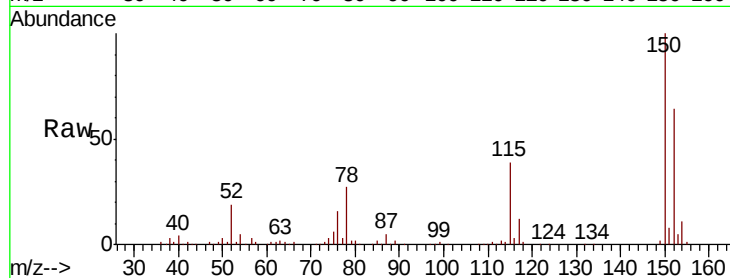
Tot Ion:152 Resp: 142671

Ion Ratio Lower Upper

152 100

150 155.8 126.2 189.2

115 60.9 49.9 74.9

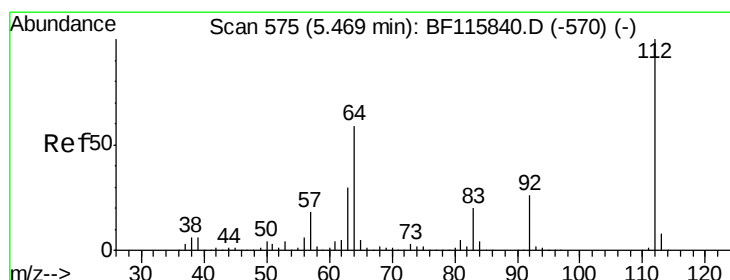
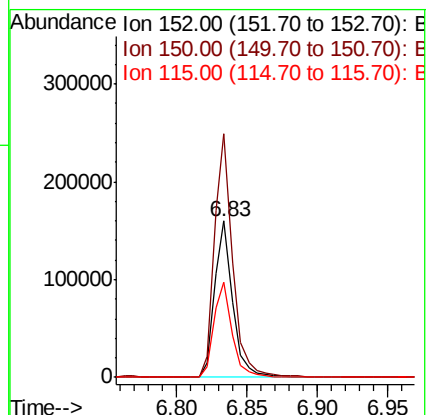
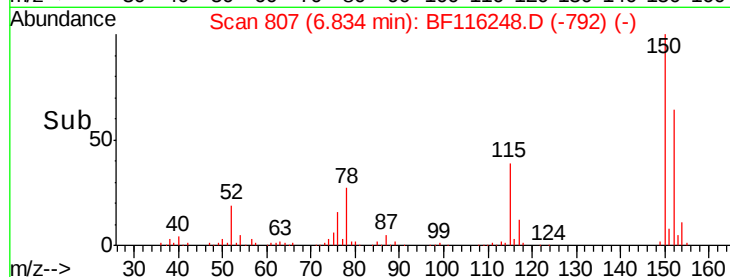


Abundance

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: 99.283 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF116248.D

Acq: 13 Aug 2019 23:29

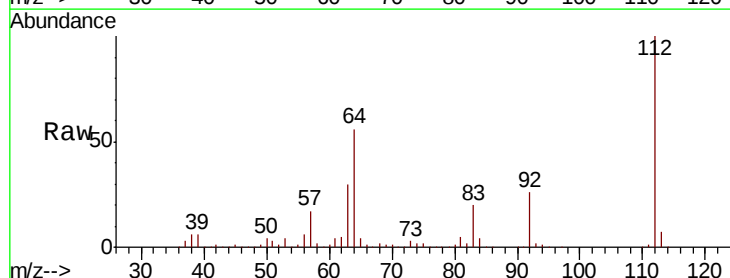
Tgt Ion:112 Resp: 846135

Ion Ratio Lower Upper

112 100

64 56.4 45.4 68.2

63 29.5 23.7 35.5

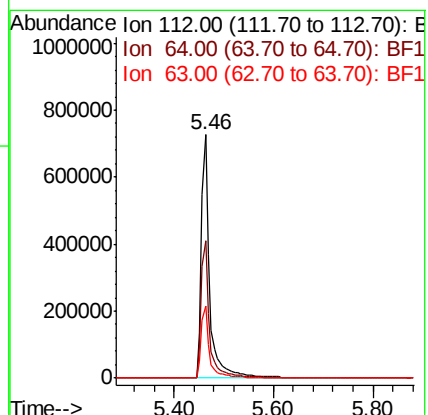
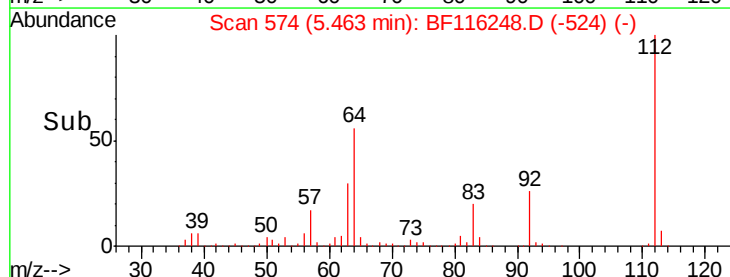


Abundance

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: 103.346 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116248.D

Acq: 13 Aug 2019 23:29

Instrument :

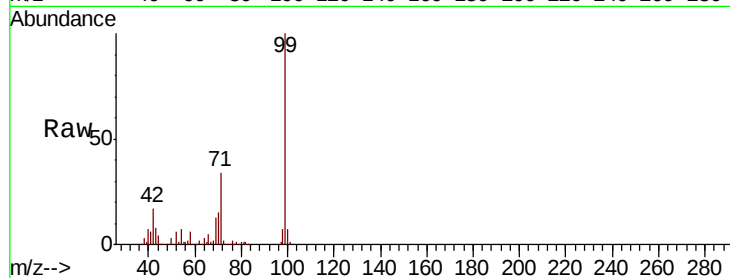
BNA_F

ClientSampleId :

CONCRETE-CONDUIT

Tot Ion: 99 Resp: 1111238

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.8	20.8
71	33.9	27.3	40.9

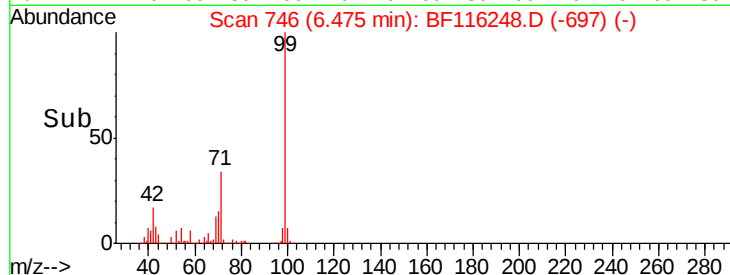
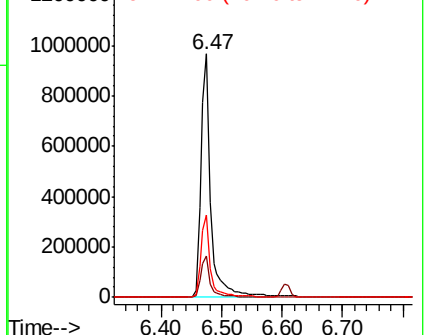


Abundance

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

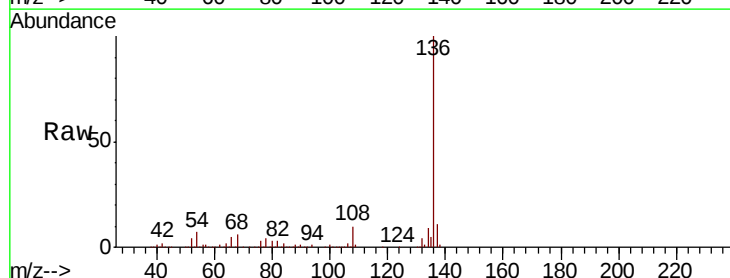
Delta R.T. -0.01 min

Lab File: BF116248.D

Acq: 13 Aug 2019 23:29

Tgt Ion: 136 Resp: 571778

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.6	5.8	8.6
68	6.0	5.2	7.8



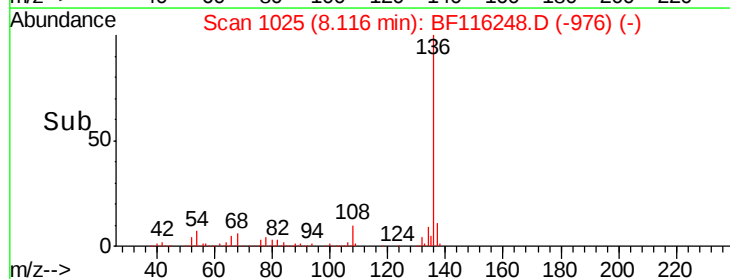
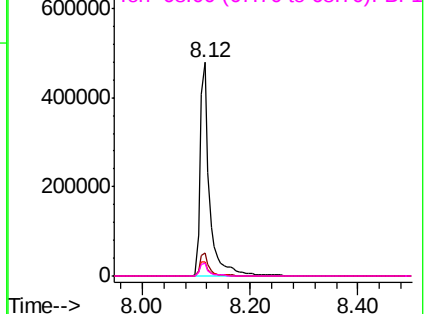
Abundance

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

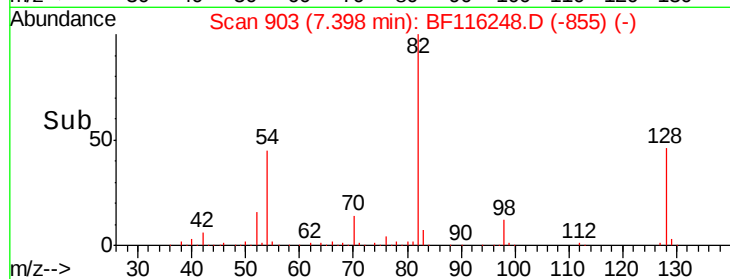
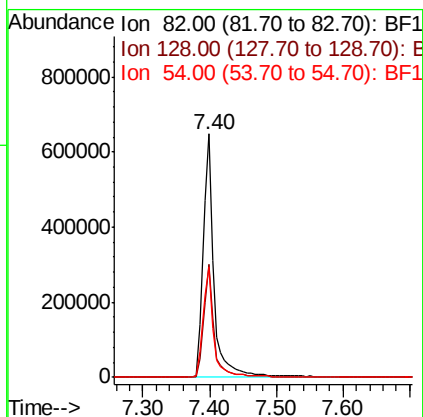
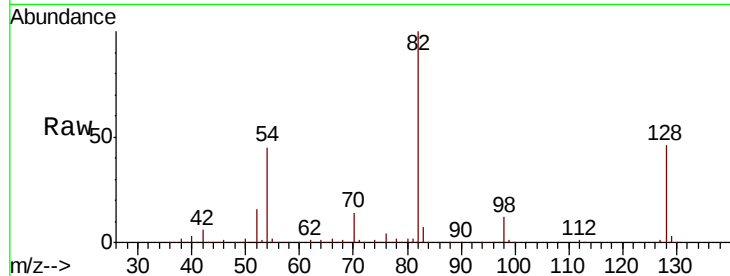




#23
 Nitrobenzene-d5
 Concen: 72.095 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.02 min
 Lab File: BF116248.D
 Acq: 13 Aug 2019 23:29

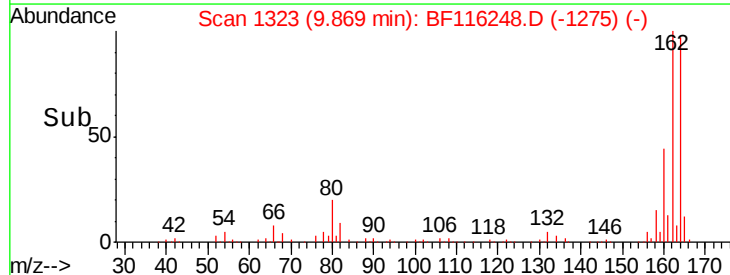
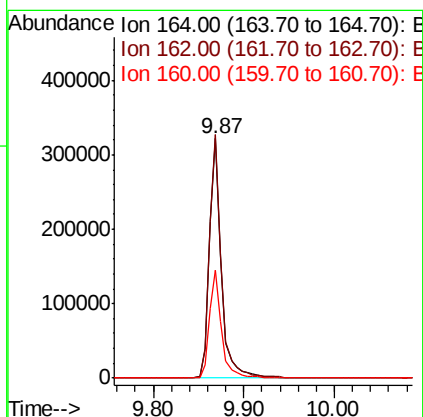
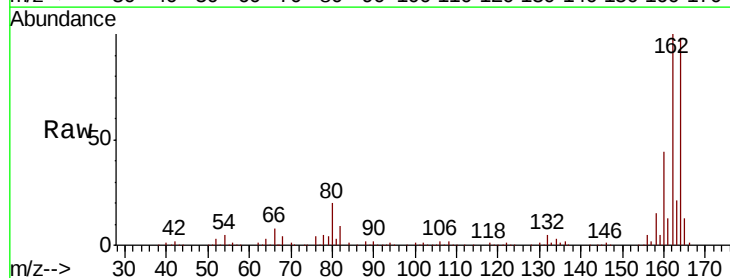
Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-CONDUIT

Tot Ion: 82 Resp: 714140
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.5 54.7
 54 45.3 36.0 54.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF116248.D
 Acq: 13 Aug 2019 23:29

Tgt Ion:164 Resp: 303927
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.6 124.0
 160 45.3 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 80.659 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116248.D

Acq: 13 Aug 2019 23:29

Instrument :

BNA_F

ClientSampleId :

CONCRETE-CONDUIT

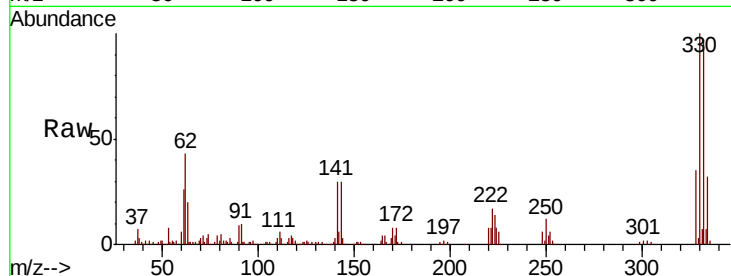
Tot Ion:330 Resp: 237674

Ion Ratio Lower Upper

330 100

332 97.2 76.8 115.2

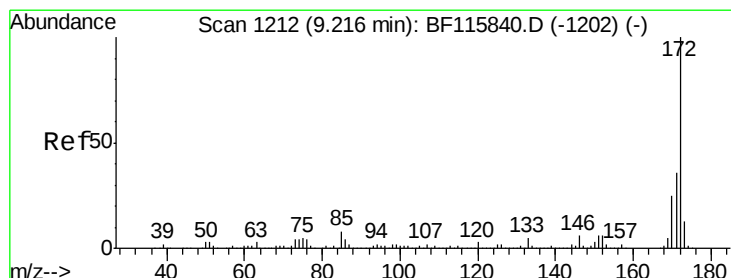
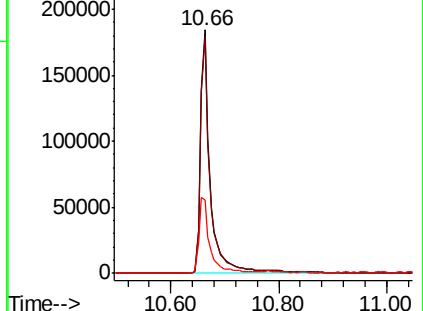
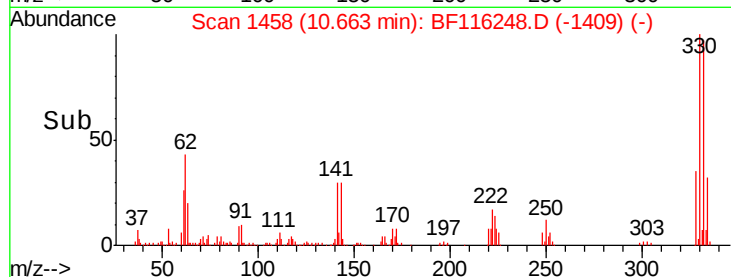
141 34.0 26.3 39.5



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: 77.566 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116248.D

Acq: 13 Aug 2019 23:29

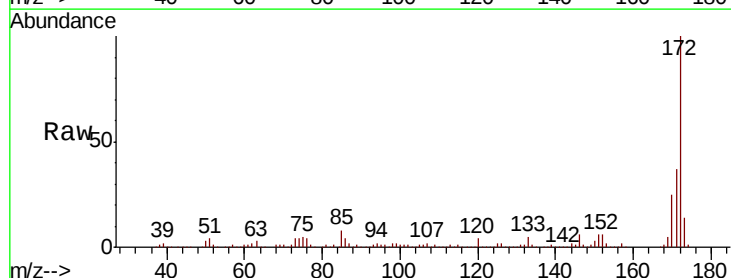
Tgt Ion:172 Resp: 1258599

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

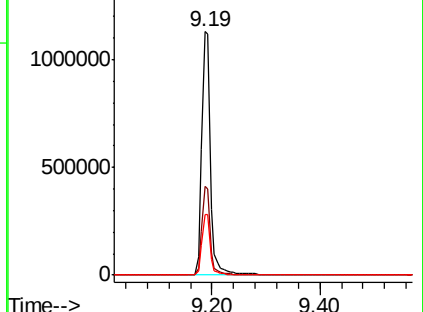
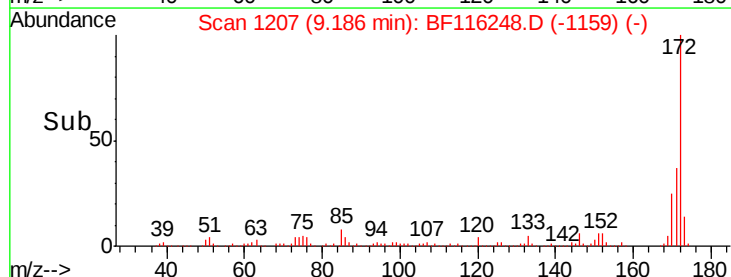
170 25.1 20.1 30.1

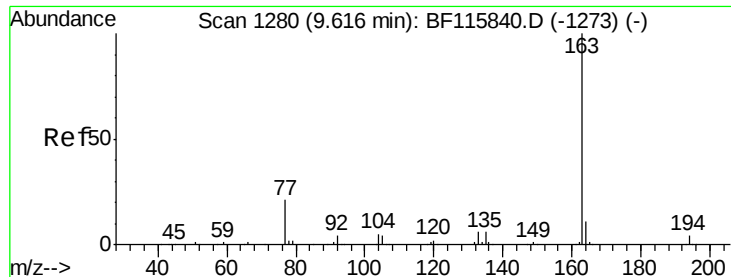


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

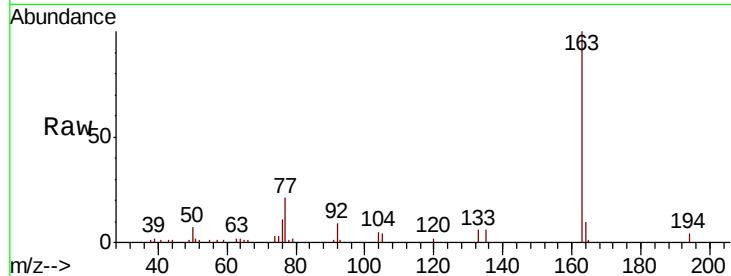




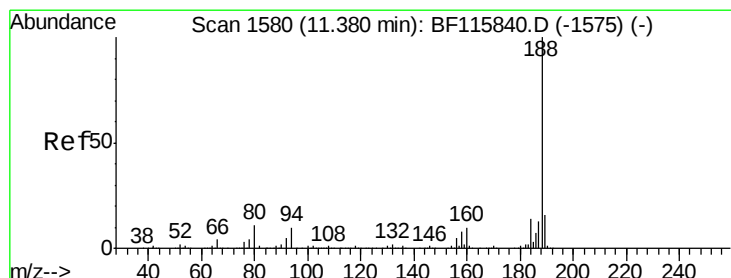
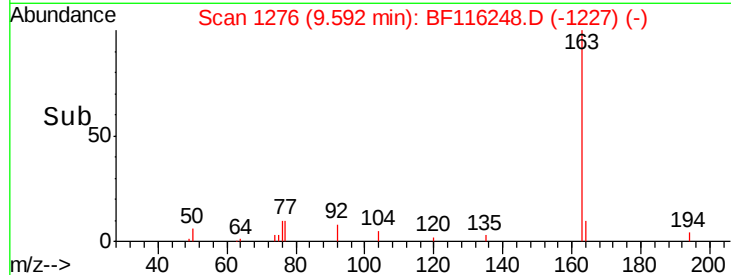
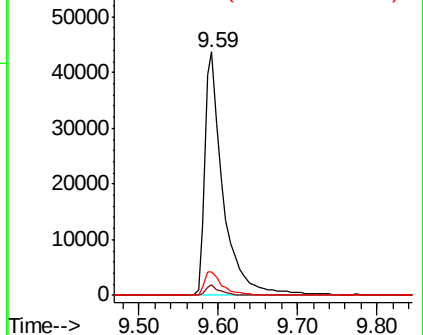
#50
 Dimethylphthalate
 Concen: 3.404 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF116248.D
 Acq: 13 Aug 2019 23:29

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-CONDUIT

Tot Ion:163	Resp:	70450
Ion Ratio	Lower	Upper
163	100	
194	4.1	3.0 4.6
164	9.7	8.4 12.6

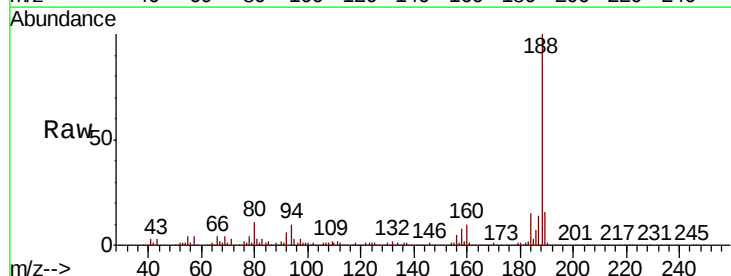


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

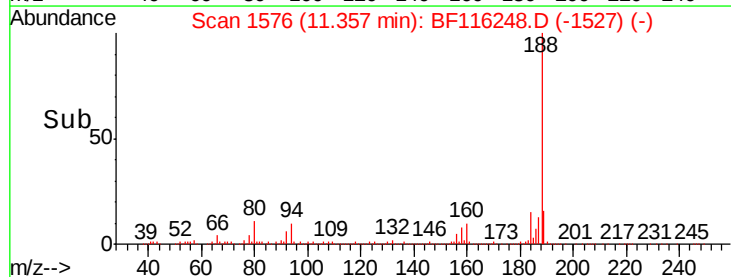
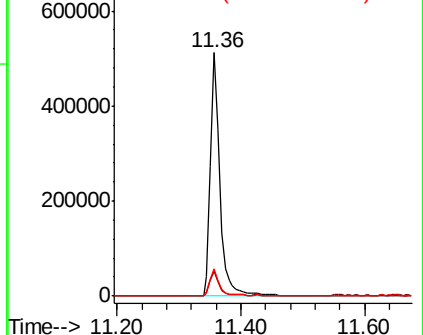


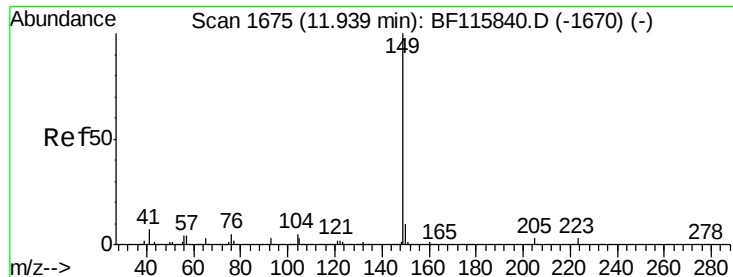
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF116248.D
 Acq: 13 Aug 2019 23:29

Tgt Ion:188	Resp:	534661
Ion Ratio	Lower	Upper
188	100	
94	10.1	8.1 12.1
80	11.3	8.7 13.1



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





#74

Di-n-butylphthalate

Concen: 4.281 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF116248.D

Acq: 13 Aug 2019 23:29

Instrument :

BNA_F

ClientSampleId :

CONCRETE-CONDUIT

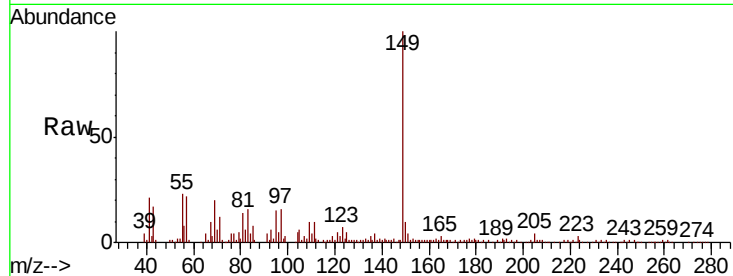
Tot Ion:149 Resp: 125345

Ion Ratio Lower Upper

149 100

150 9.9 8.0 12.0

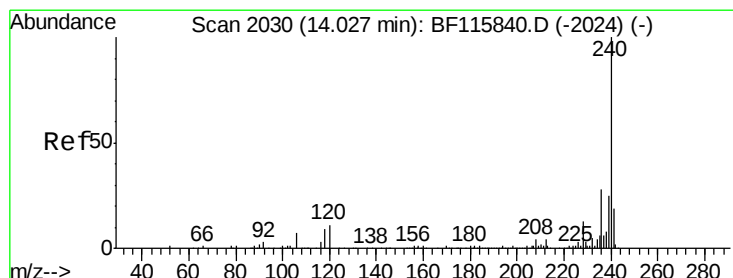
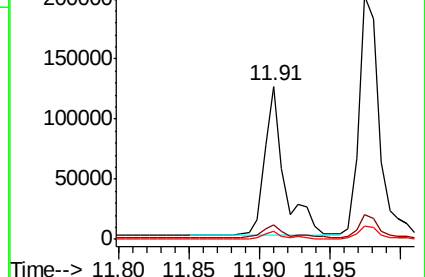
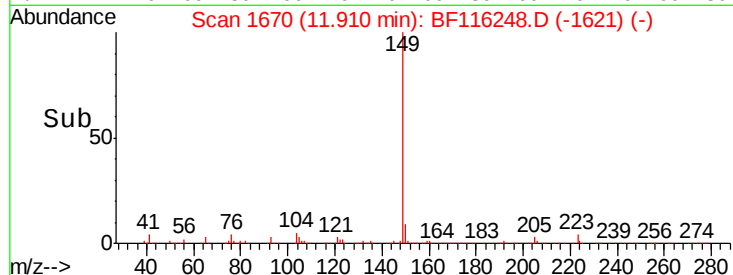
104 5.1 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF116248.D

Acq: 13 Aug 2019 23:29

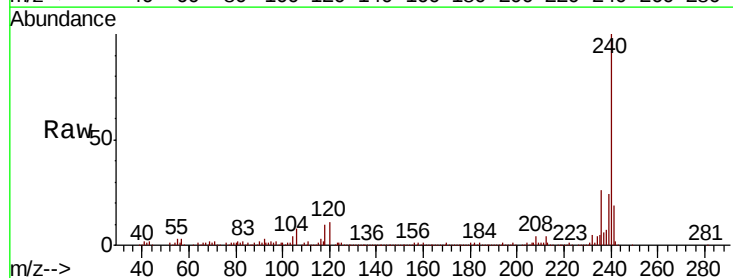
Tgt Ion:240 Resp: 363886

Ion Ratio Lower Upper

240 100

120 11.0 10.7 16.1

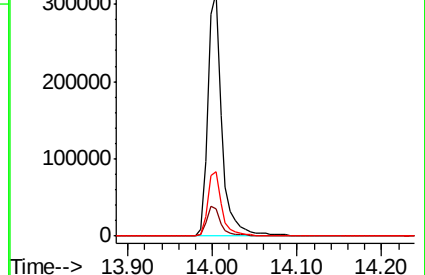
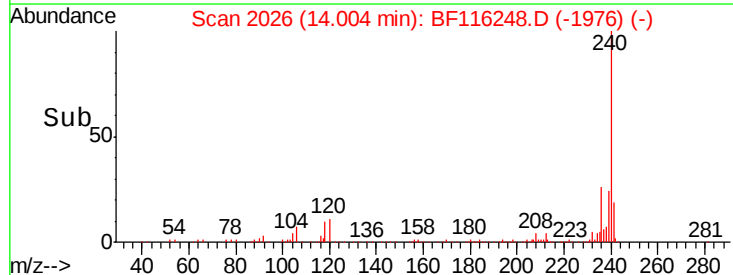
236 26.4 22.2 33.2

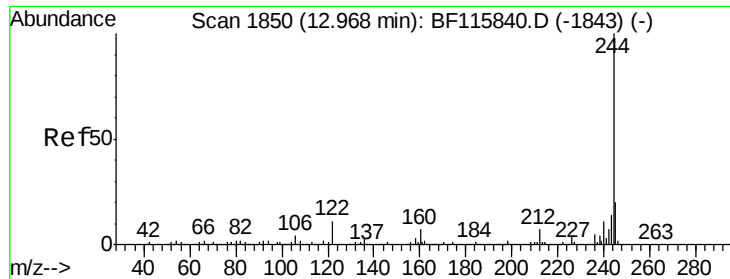


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

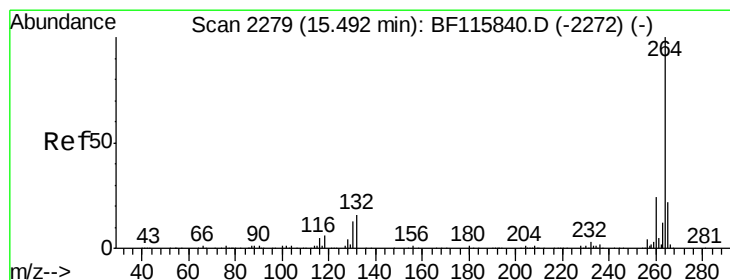
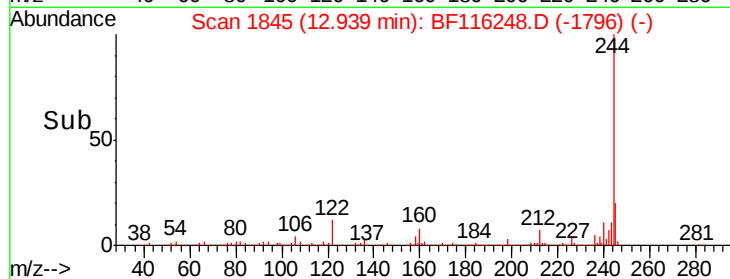
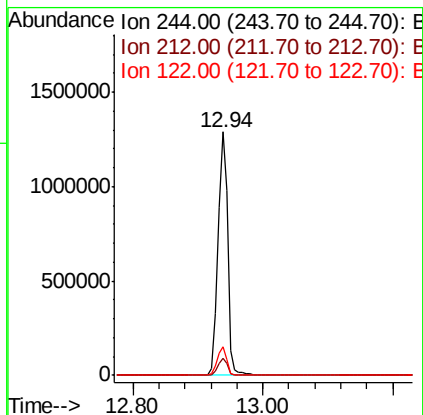
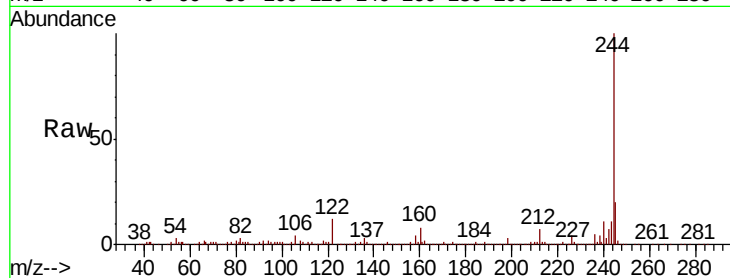




#79
 Terphenyl-d14
 Concen: 77.021 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116248.D
 Acq: 13 Aug 2019 23:29

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-CONDUIT

Tot Ion:244 Resp: 1330075
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.8 9.0 13.4



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116248.D
 Acq: 13 Aug 2019 23:29

Tgt Ion:264 Resp: 360986
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.7 29.5
 265 21.9 17.4 26.0

