

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
 Data File : BF116164.D
 Acq On : 10 Aug 2019 23:59
 Operator : HP/JU
 Sample : K4284-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-3

Quant Time: Aug 12 03:38:06 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

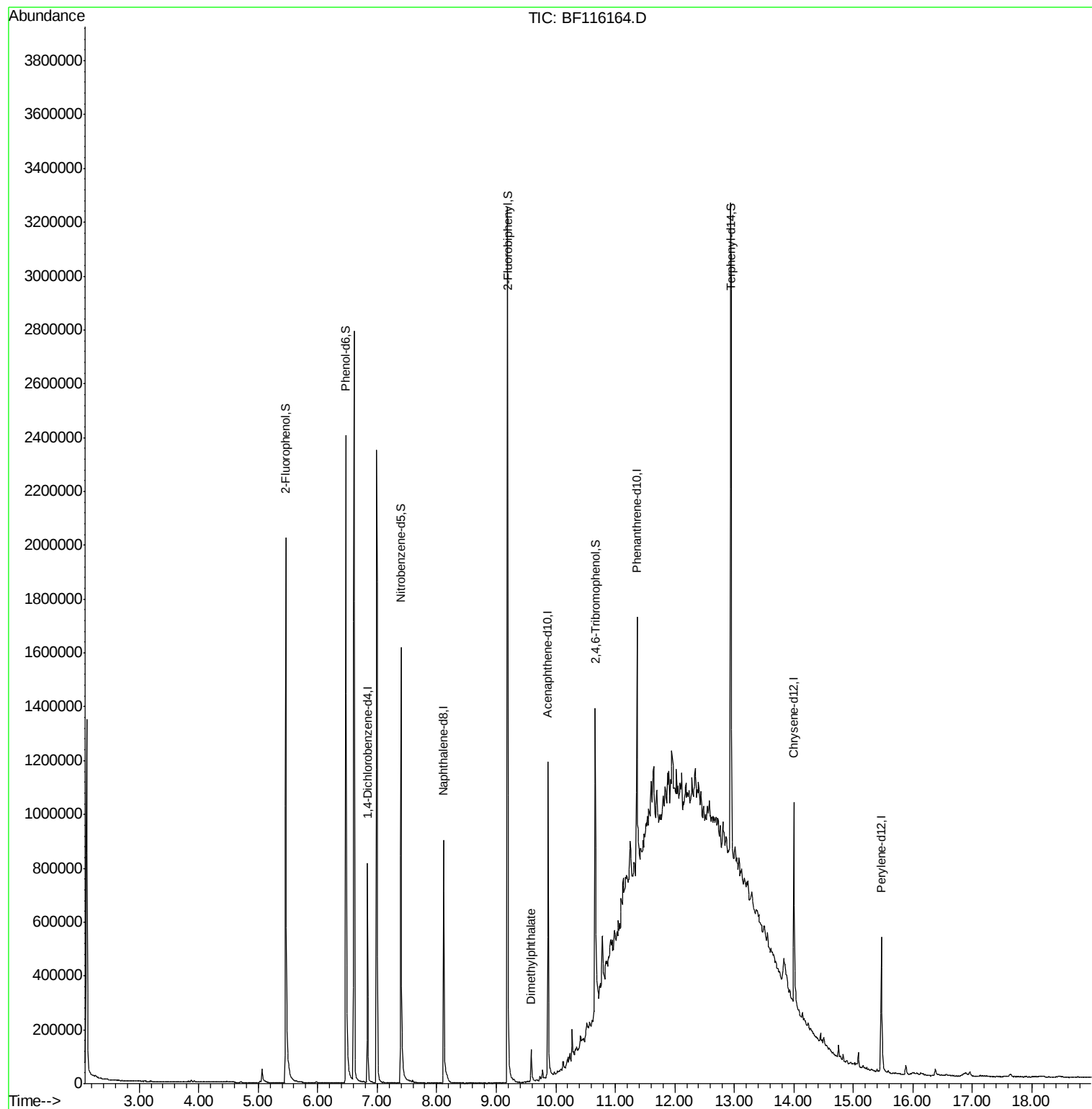
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	131601	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	510377	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	258155	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	381366	20.00	ng	0.00
76) Chrysene-d12	14.00	240	271989	20.00	ng	0.00
87) Perylene-d12	15.47	264	270857	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	694149	88.30	ng	0.00
7) Phenol-d6	6.47	99	964414	97.24	ng	-0.01
23) Nitrobenzene-d5	7.40	82	632457	71.53	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	165032	65.94	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1115556	80.94	ng	-0.01
79) Terphenyl-d14	12.94	244	941343	72.93	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	62733	3.569	ng	Qvalue 99

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

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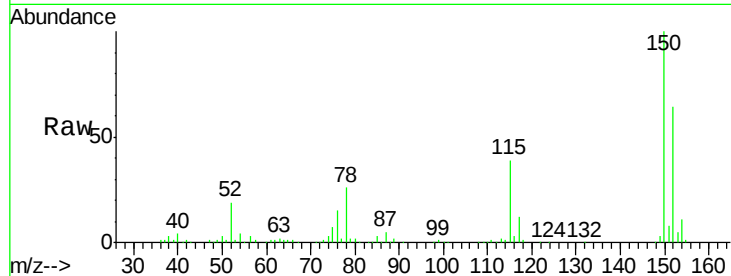


#1

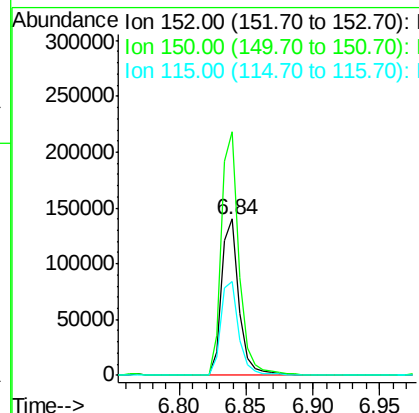
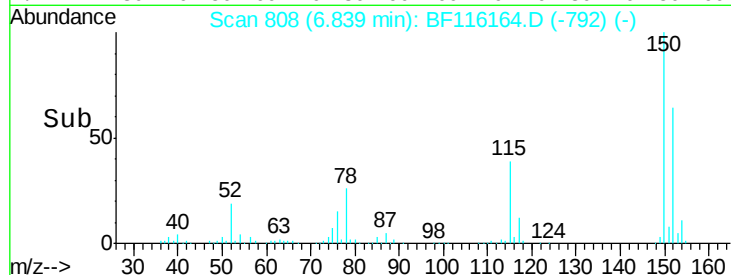
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.01 min
Lab File: BF116164.D
Acq: 10 Aug 2019 23:59

Instrument :
BNA_F
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CONCRETE-3

Tot Ion:152 Resp: 131601
Ion Ratio Lower Upper
152 100
150 155.6 126.2 189.2
115 59.9 49.9 74.9



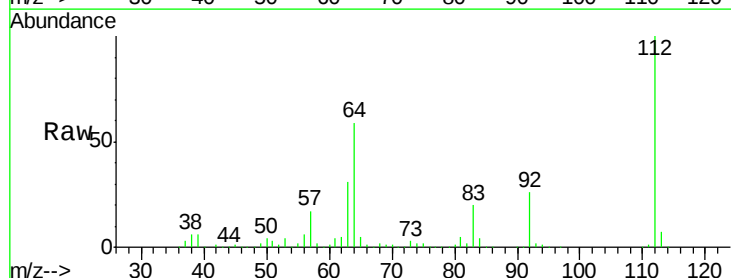
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



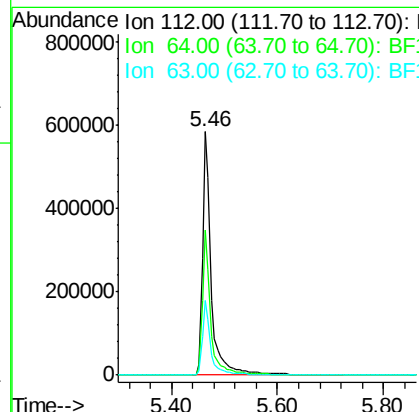
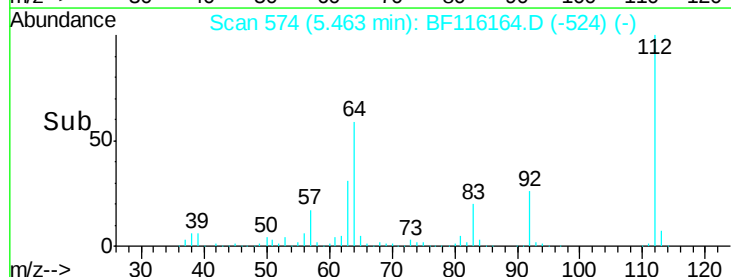
#5

2-Fluorophenol
Concen: 88.301 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.01 min
Lab File: BF116164.D
Acq: 10 Aug 2019 23:59

Tgt Ion:112 Resp: 694149
Ion Ratio Lower Upper
112 100
64 59.4 45.4 68.2
63 30.6 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: 97.236 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116164.D

Acq: 10 Aug 2019 23:59

Instrument :

BNA_F

ClientSampleId :

CONCRETE-3

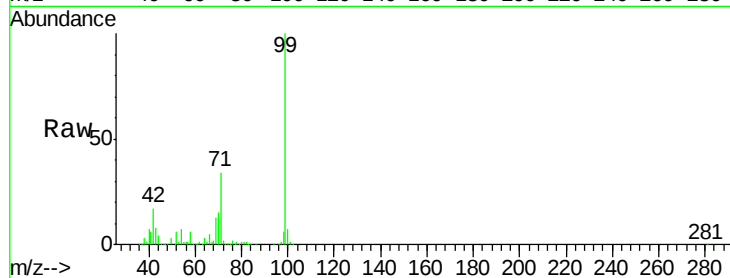
Tot Ion: 99 Resp: 964414

Ion Ratio Lower Upper

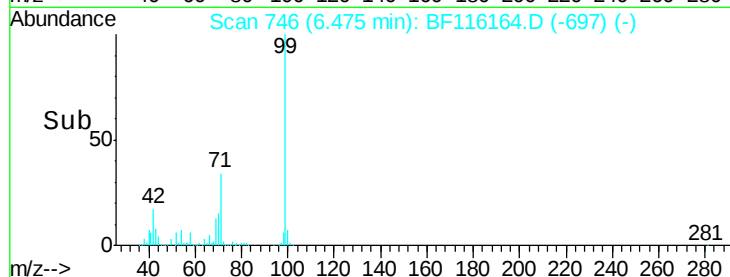
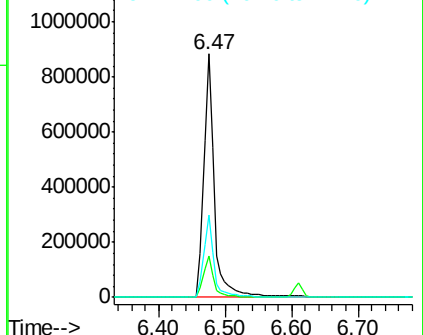
99 100

42 16.8 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: BF116164.D

Acq: 10 Aug 2019 23:59

Tgt Ion: 136 Resp: 510377

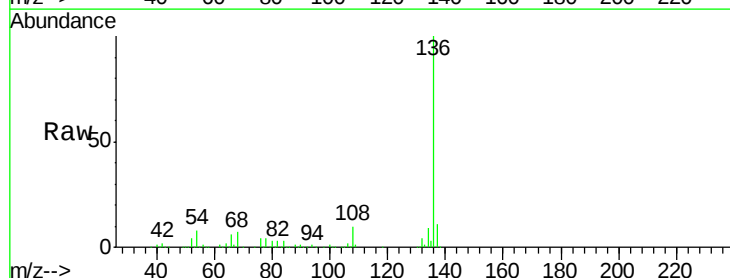
Ion Ratio Lower Upper

136 100

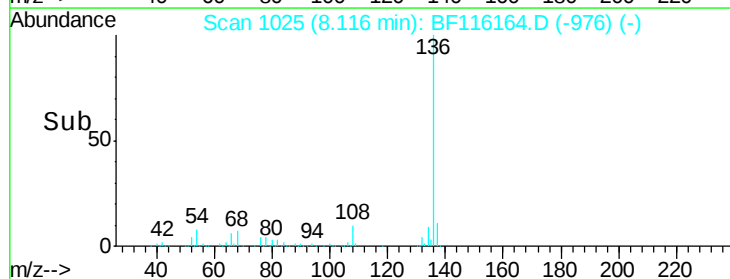
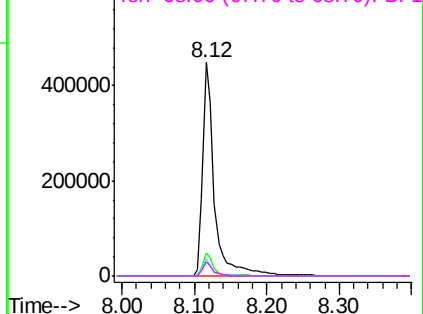
137 10.9 9.0 13.4

54 7.5 5.8 8.6

68 6.6 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

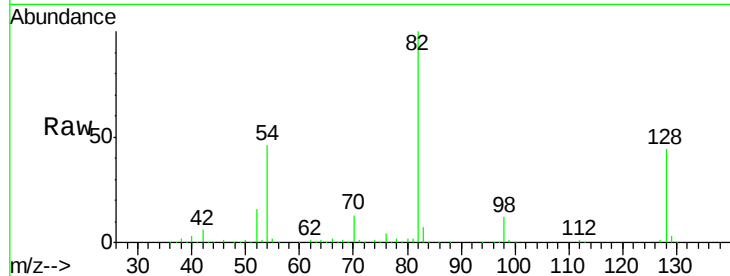




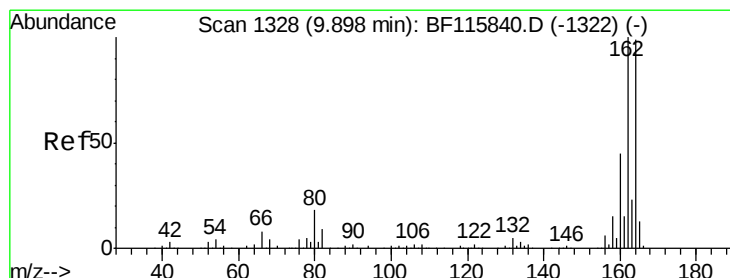
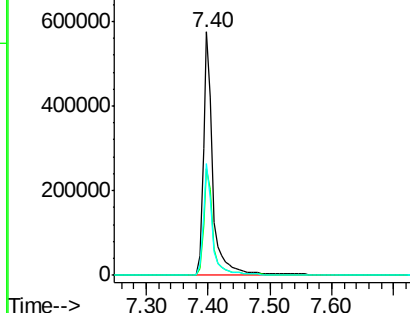
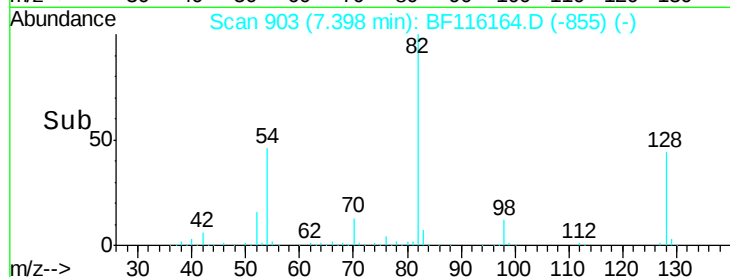
#23
Nitrobenzene-d5
Concen: 71.530 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116164.D
Acq: 10 Aug 2019 23:59

Instrument :
BNA_F
ClientSampleId :
CONCRETE-3

Tot Ion	82	Resp	632457
Ion Ratio	Lower	Upper	
82	100		
128	43.7	36.5	54.7
54	45.8	36.0	54.0

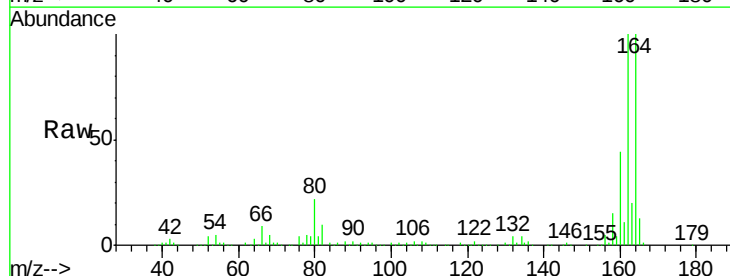


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

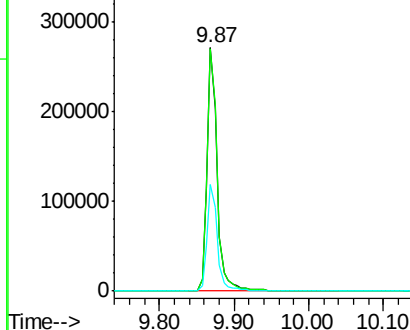
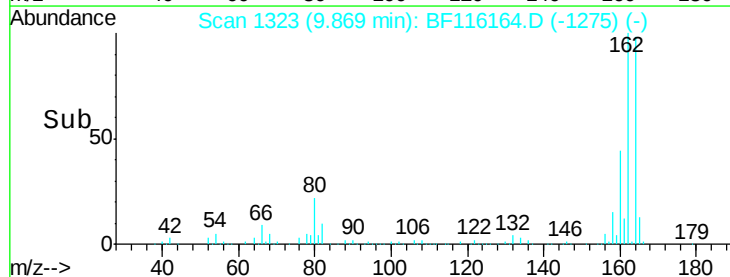


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116164.D
Acq: 10 Aug 2019 23:59

Tgt Ion	164	Resp	258155
Ion Ratio	Lower	Upper	
164	100		
162	99.7	82.6	124.0
160	44.0	37.6	56.4



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: 65.937 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116164.D

Acq: 10 Aug 2019 23:59

Instrument :

BNA_F

ClientSampleId :

CONCRETE-3

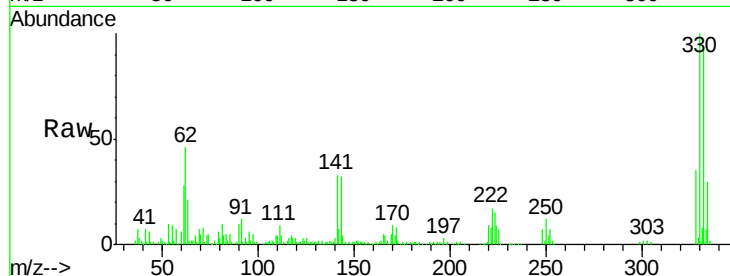
Tot Ion:330 Resp: 165032

Ion Ratio Lower Upper

330 100

332 94.8 76.8 115.2

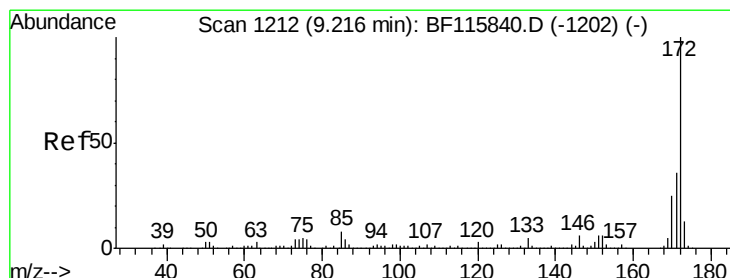
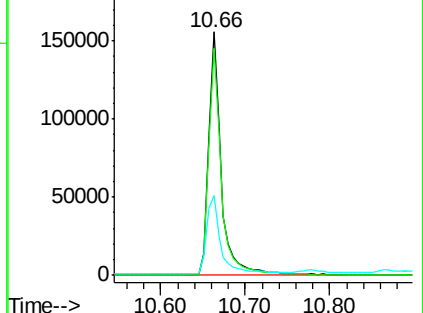
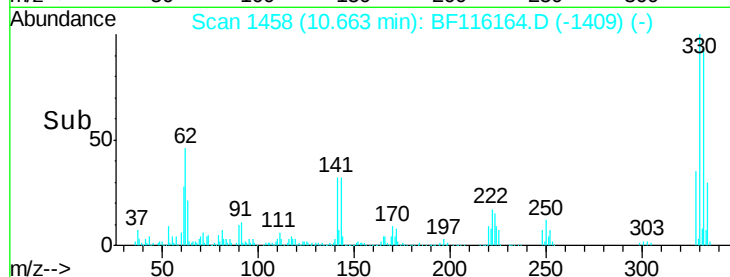
141 33.4 26.3 39.5



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: 80.940 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF116164.D

Acq: 10 Aug 2019 23:59

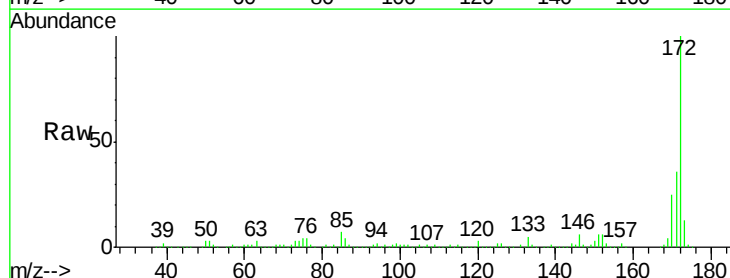
Tgt Ion:172 Resp: 1115556

Ion Ratio Lower Upper

172 100

171 35.8 29.6 44.4

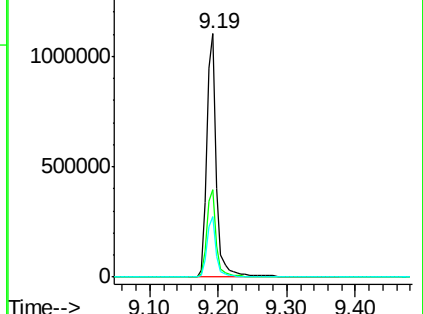
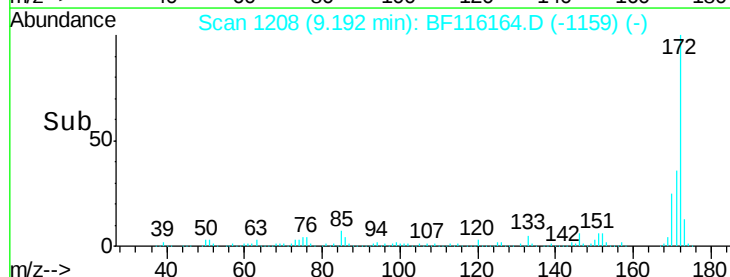
170 24.8 20.1 30.1

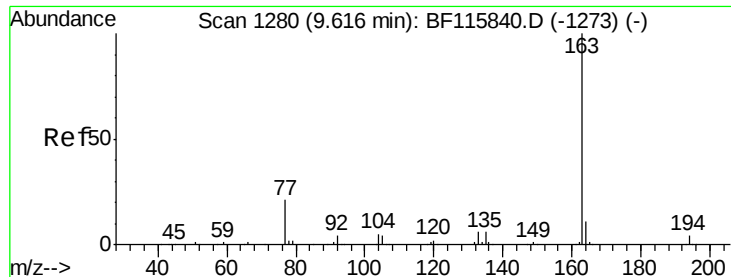


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

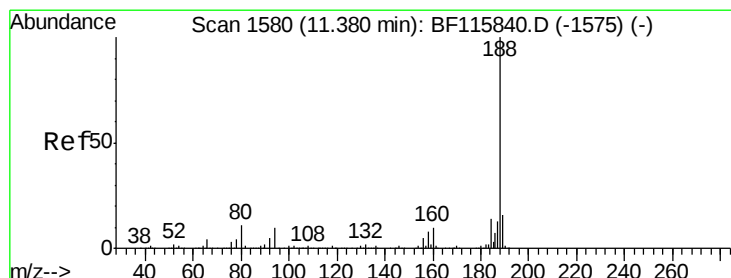
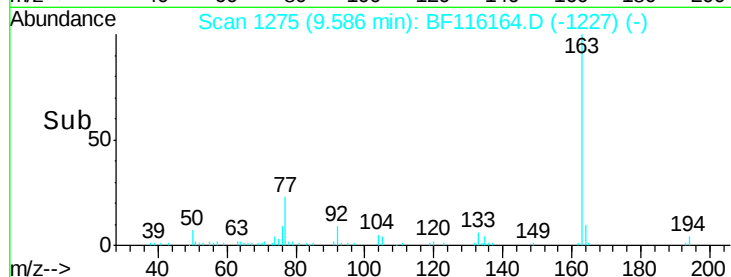
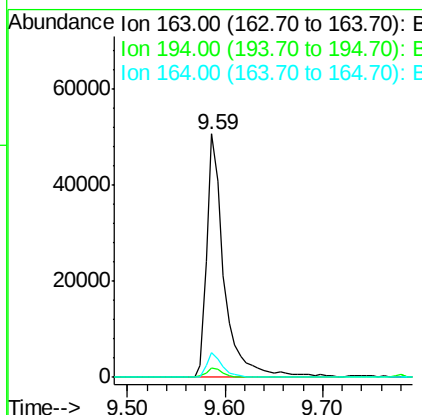
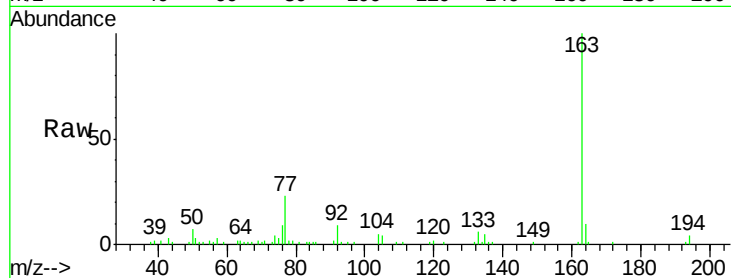




#50
Dimethylphthalate
Concen: 3.569 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116164.D
Acq: 10 Aug 2019 23:59

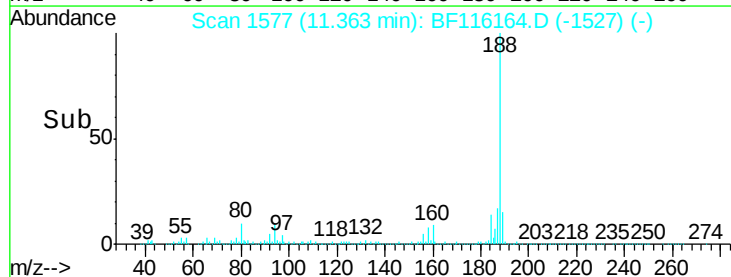
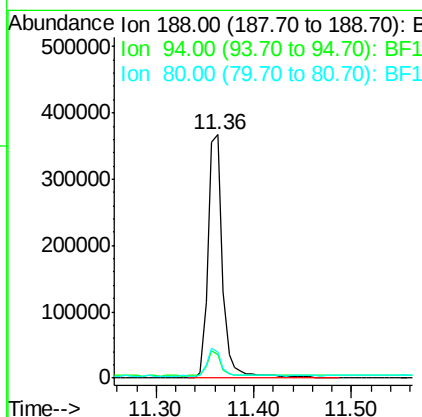
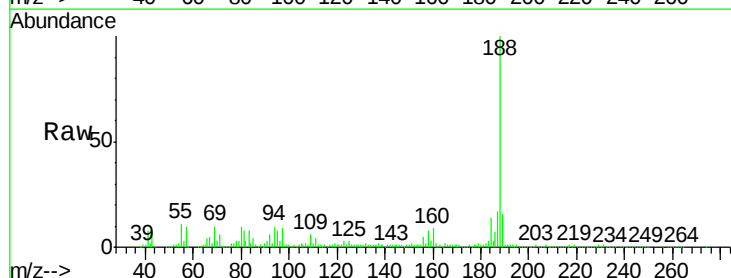
Instrument :
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CONCRETE-3

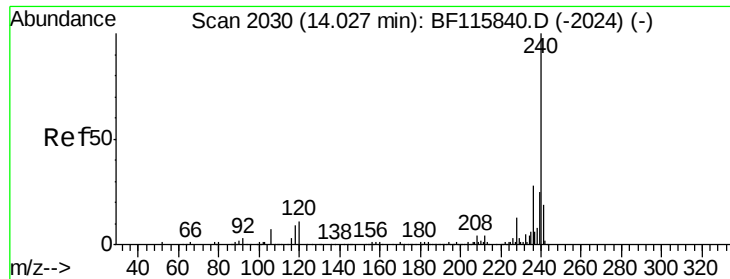
Tot Ion:163 Resp: 62733
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.1 8.4 12.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116164.D
Acq: 10 Aug 2019 23:59

Tgt Ion:188 Resp: 381366
Ion Ratio Lower Upper
188 100
94 9.9 8.1 12.1
80 10.5 8.7 13.1

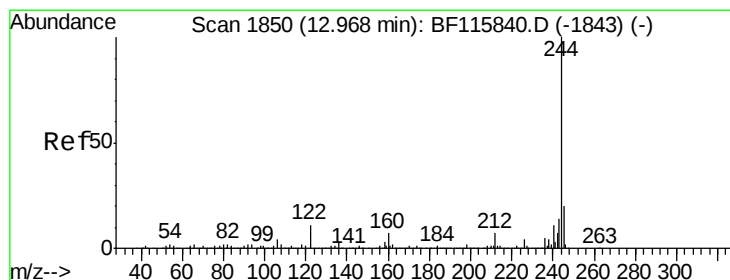
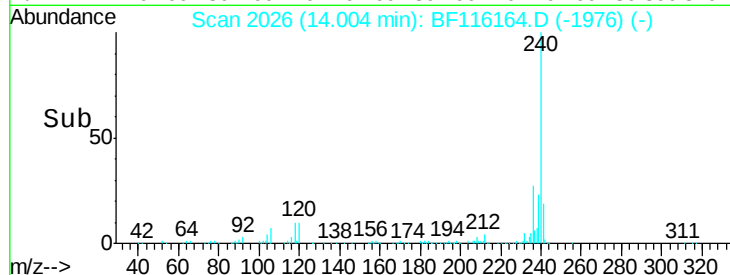
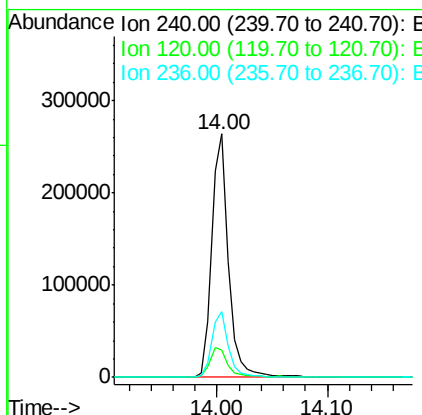
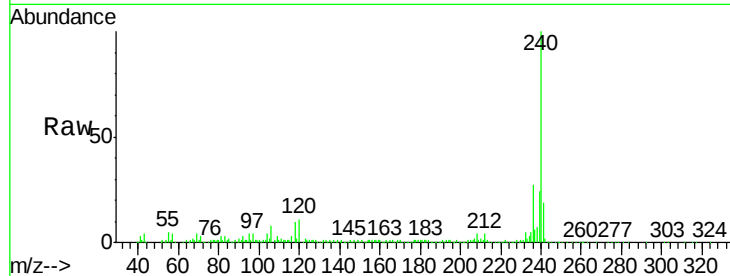




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF116164.D
 Acq: 10 Aug 2019 23:59

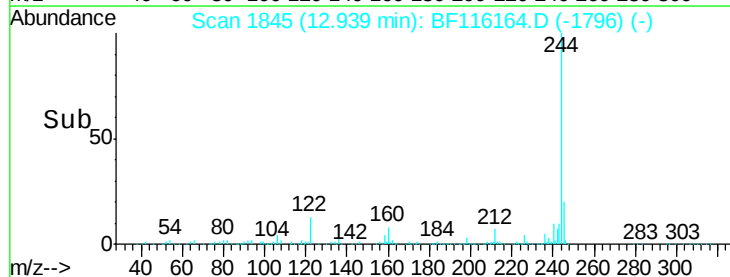
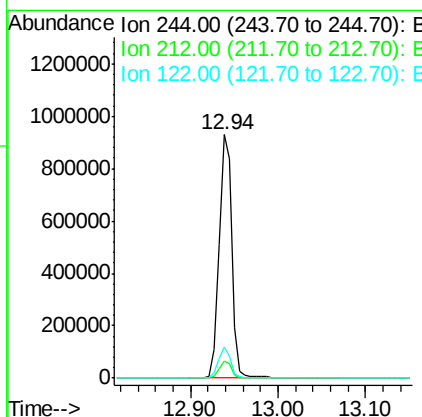
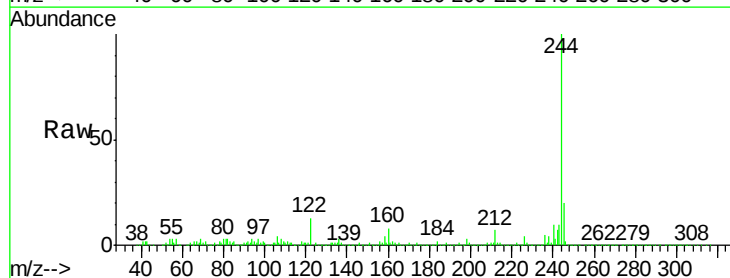
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 ClientSampleId :
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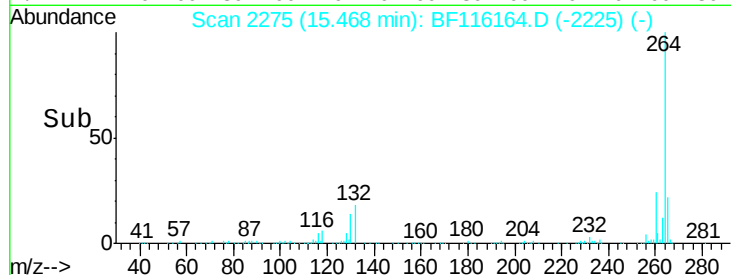
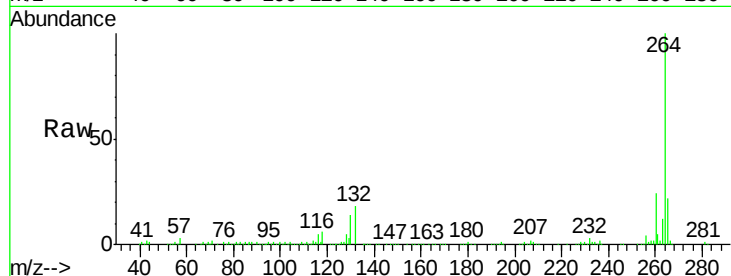
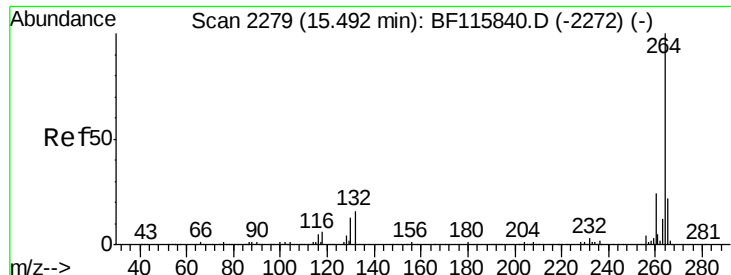
Tot Ion:240 Resp: 271989
 Ion Ratio Lower Upper
 240 100
 120 11.0 10.7 16.1
 236 27.1 22.2 33.2



#79
 Terphenyl-d14
 Concen: 72.928 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF116164.D
 Acq: 10 Aug 2019 23:59

Tgt Ion:244 Resp: 941343
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.8 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF116164.D
 Acq: 10 Aug 2019 23:59

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-3

Tot Ion:	264	Resp:	270857
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	21.8	17.4	26.0

