

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072319\
 Data File : BF115730.D
 Acq On : 23 Jul 2019 20:23
 Operator : HP/JU
 Sample : K3942-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SH-CONCRETE

Quant Time: Jul 24 06:39:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

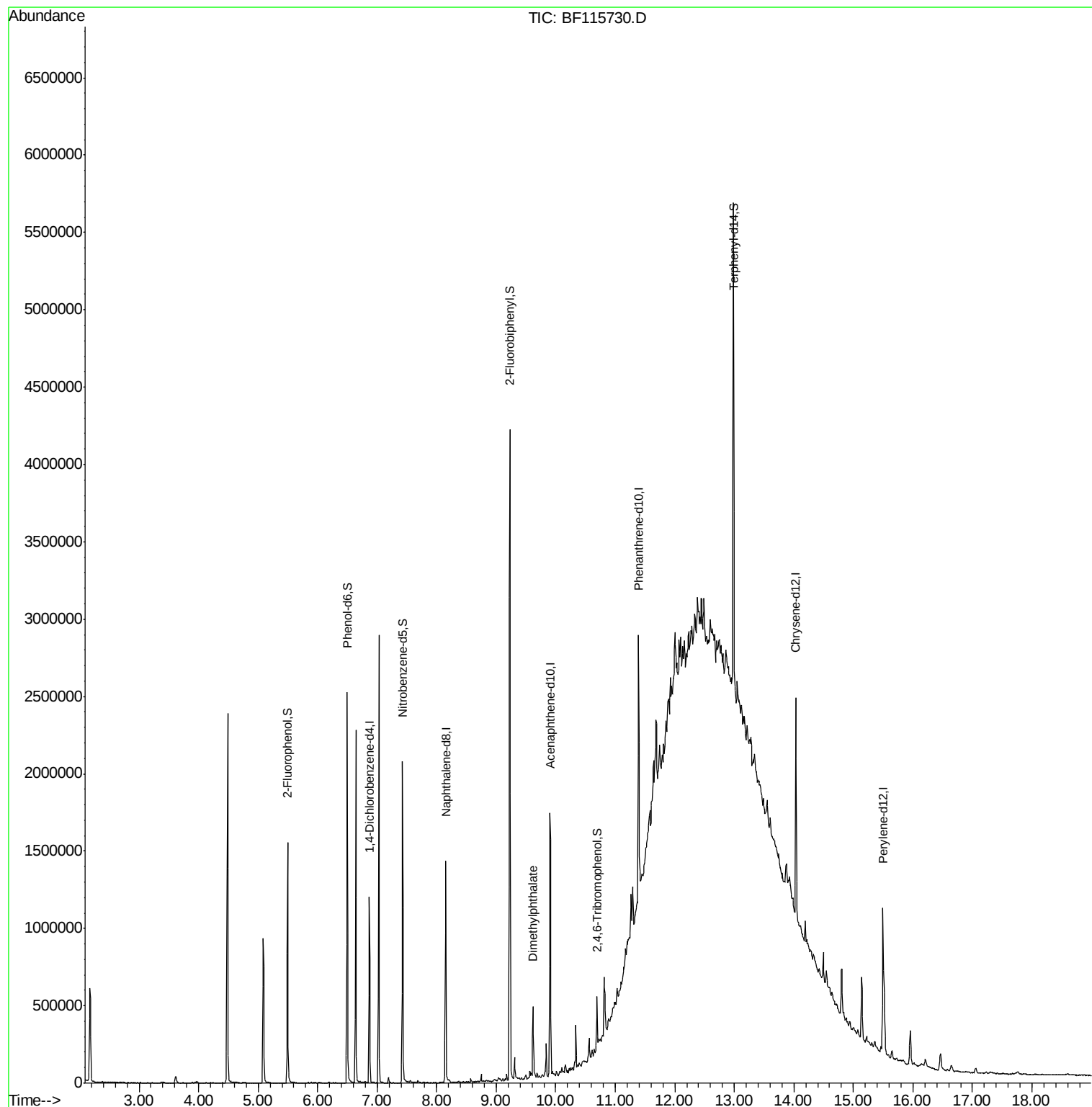
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	165528	20.00	ng	-0.02
21) Naphthalene-d8	8.15	136	653890	20.00	ng	-0.02
39) Acenaphthene-d10	9.90	164	365396	20.00	ng	-0.02
64) Phenanthrene-d10	11.39	188	616880	20.00	ng	-0.02
76) Chrysene-d12	14.03	240	476652	20.00	ng	-0.02
87) Perylene-d12	15.50	264	453983	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	426903	42.19	ng	-0.01
7) Phenol-d6	6.50	99	899837	70.08	ng	-0.02
23) Nitrobenzene-d5	7.43	82	696144	61.90	ng	-0.02
42) 2,4,6-Tribromophenol	10.69	330	44616	10.46	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	1334011	63.90	ng	-0.02
79) Terphenyl-d14	12.99	244	1420808	55.00	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.62	163	173989	6.329	ng	Qvalue 98

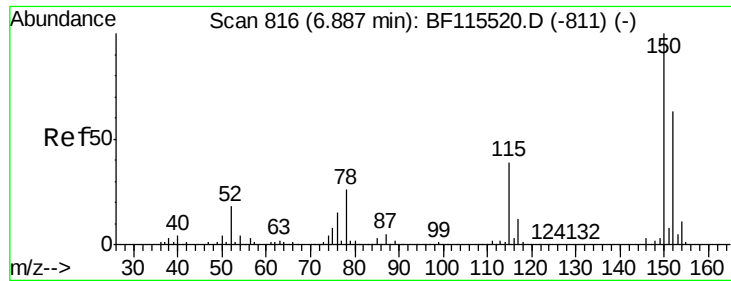
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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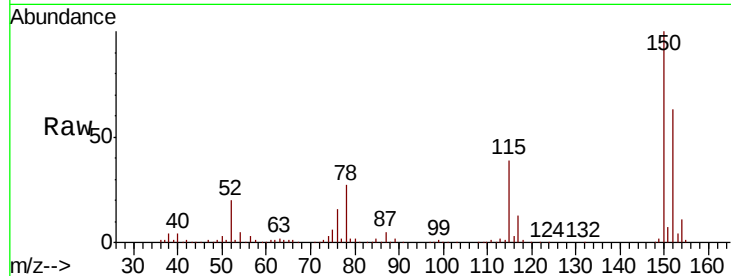


#1

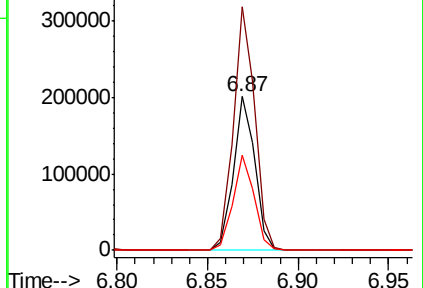
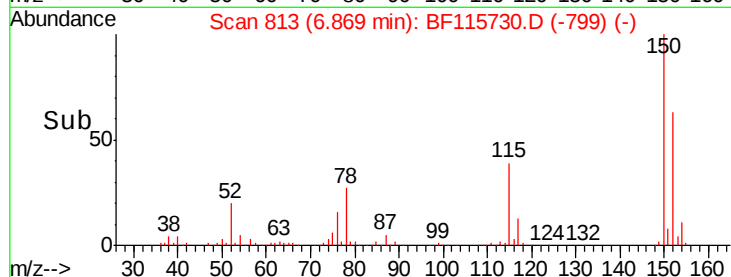
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF115730.D
Acq: 23 Jul 2019 20:23

Instrument :
BNA_F
ClientSampleId :
SH-CONCRETE

Tot Ion:152 Resp: 165528
Ion Ratio Lower Upper
152 100
150 158.2 129.7 194.5
115 62.1 48.2 72.4



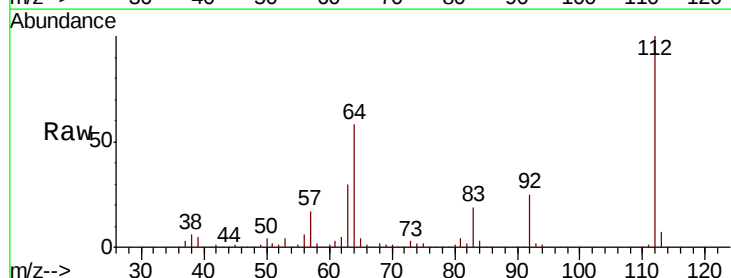
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



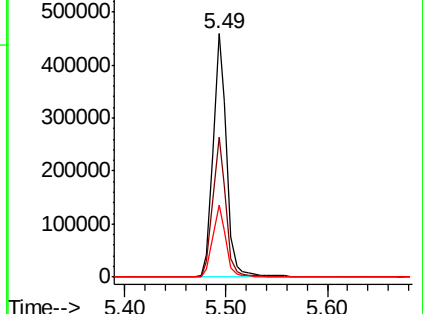
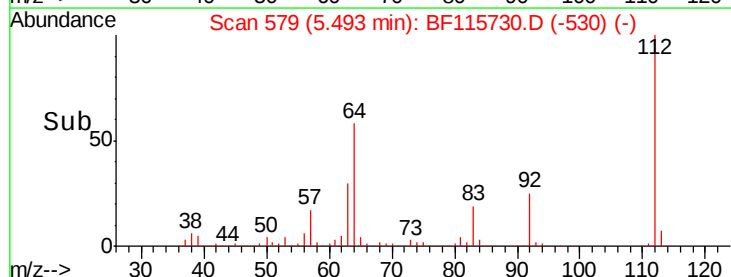
#5

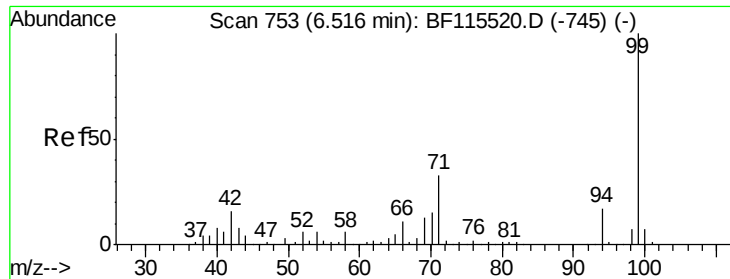
2-Fluorophenol
Concen: 42.186 ng
RT: 5.49 min Scan# 579
Delta R.T. -0.01 min
Lab File: BF115730.D
Acq: 23 Jul 2019 20:23

Tgt Ion:112 Resp: 426903
Ion Ratio Lower Upper
112 100
64 57.7 46.8 70.2
63 29.9 24.1 36.1



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: 70.077 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF115730.D

Acq: 23 Jul 2019 20:23

Instrument :

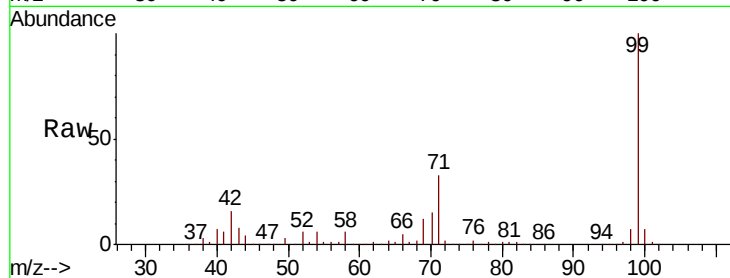
BNA_F

ClientSampleId :

SH-CONCRETE

Tot Ion: 99 Resp: 899837

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.6	20.4
71	32.6	28.5	42.7

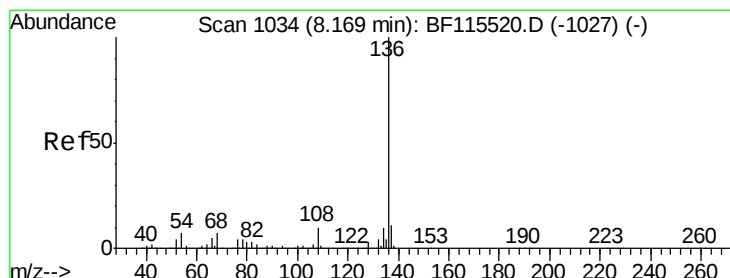
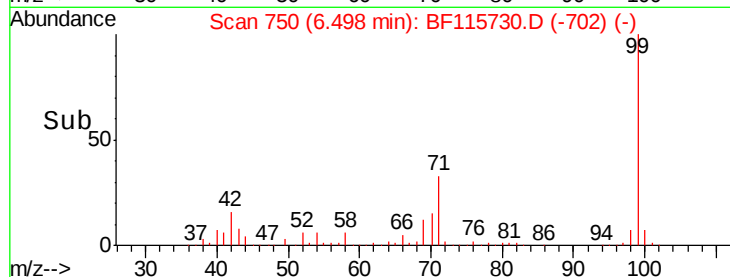
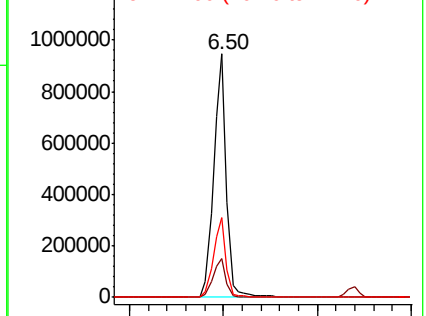


Abundance

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: 8.15 min Scan# 1031

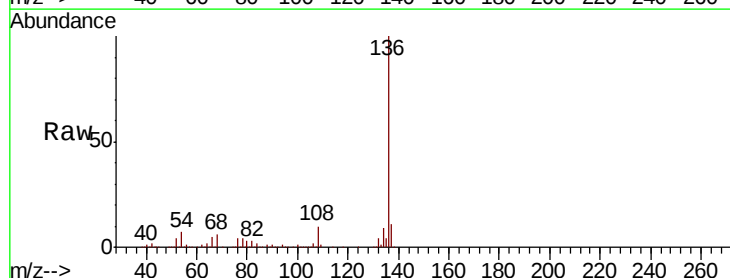
Delta R.T. -0.02 min

Lab File: BF115730.D

Acq: 23 Jul 2019 20:23

Tgt Ion: 136 Resp: 653890

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.0	5.6	8.4
68	6.0	5.0	7.6



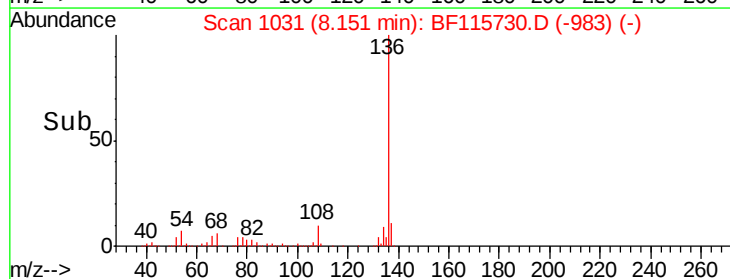
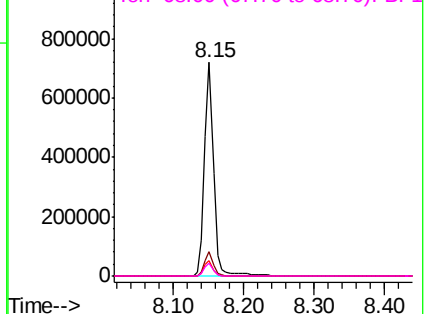
Abundance

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

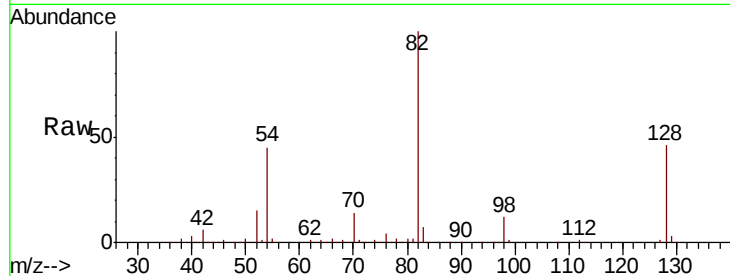




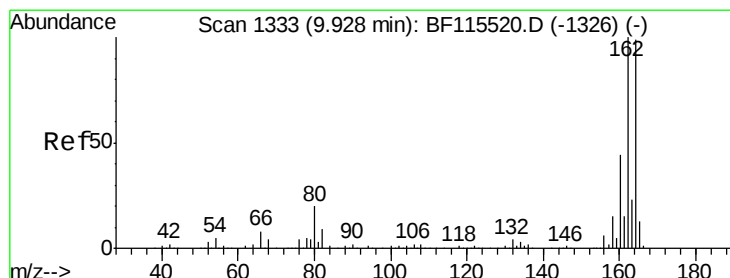
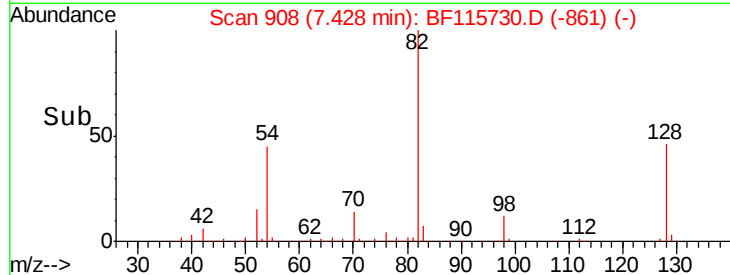
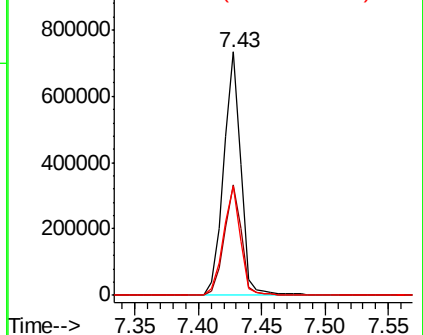
#23
Nitrobenzene-d5
Concen: 61.904 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.02 min
Lab File: BF115730.D
Acq: 23 Jul 2019 20:23

Instrument :
BNA_F
ClientSampleId :
SH-CONCRETE

Tot Ion: 82 Resp: 696144
Ion Ratio Lower Upper
82 100
128 45.6 38.6 57.8
54 44.6 35.6 53.4

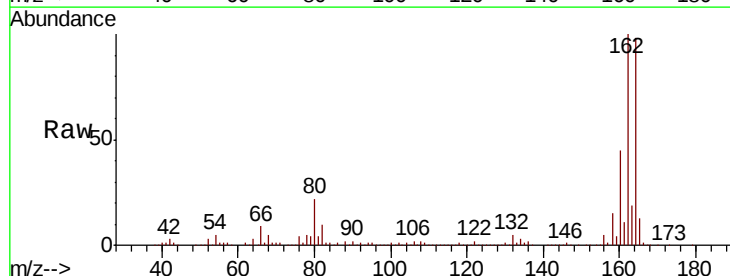


Abundance Ion 82.00 (81.70 to 82.70): BF1
1000000 Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

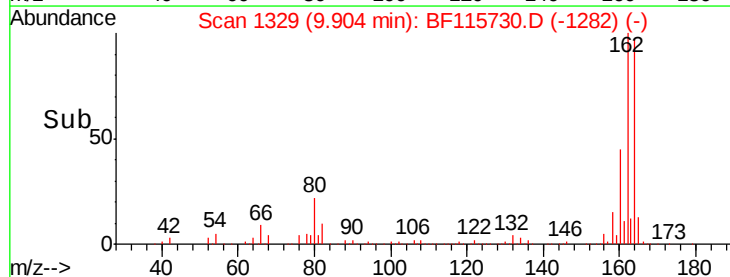
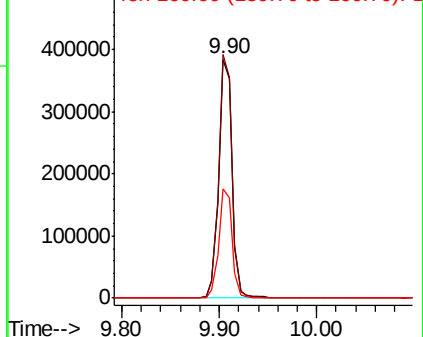


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BF115730.D
Acq: 23 Jul 2019 20:23

Tgt Ion:164 Resp: 365396
Ion Ratio Lower Upper
164 100
162 101.9 82.9 124.3
160 45.5 36.8 55.2



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

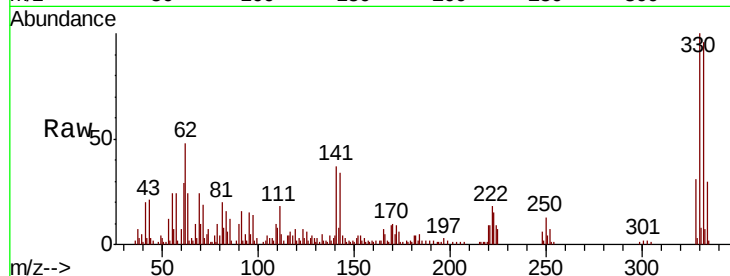




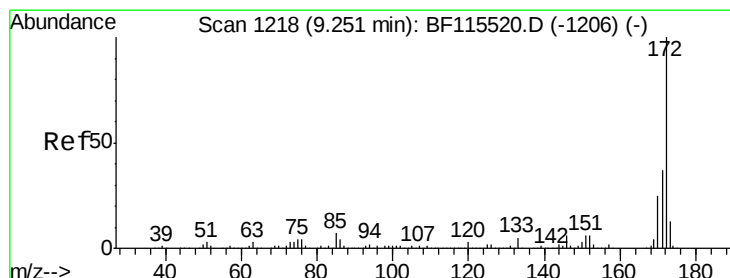
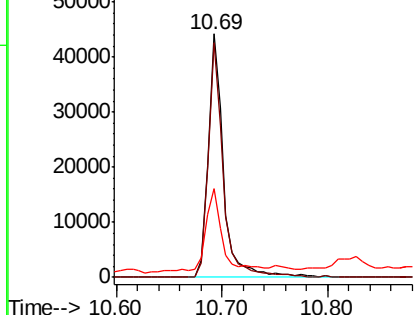
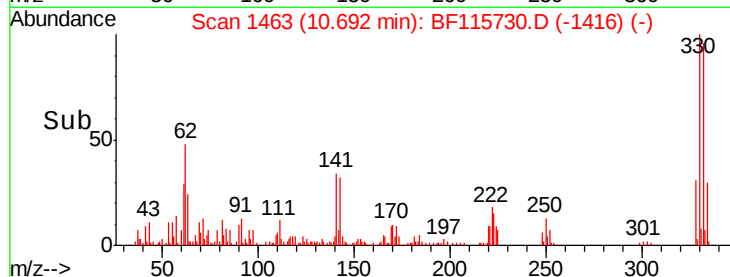
#42
 2,4,6-Tribromophenol
 Concen: 10.461 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.02 min
 Lab File: BF115730.D
 Acq: 23 Jul 2019 20:23

Instrument :
 BNA_F
 ClientSampleId :
 SH-CONCRETE

Tot Ion:330 Resp: 44616
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.4 116.2
 141 39.4 22.4 33.6#

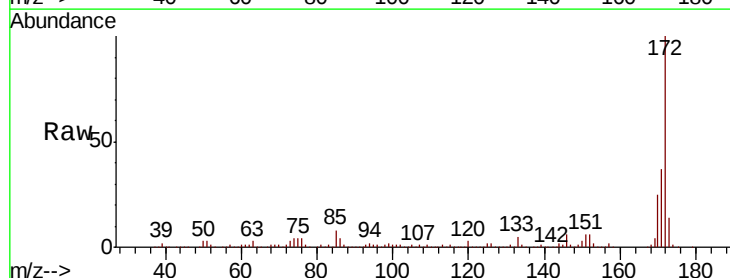


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

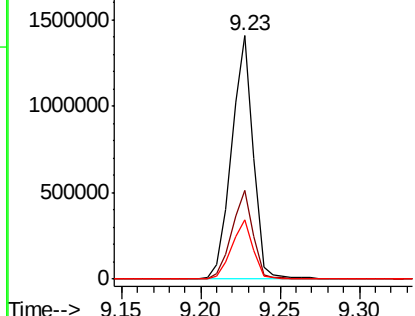
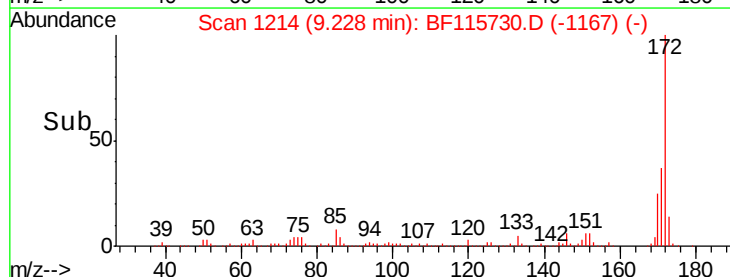


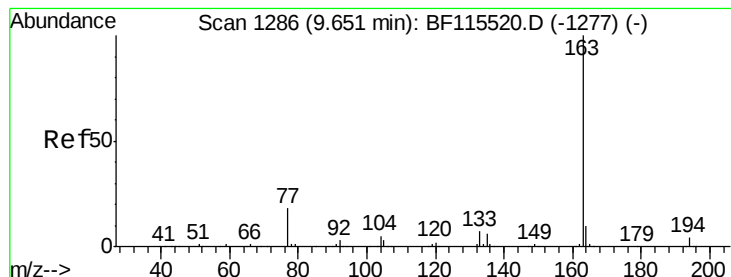
#45
 2-Fluorobiphenyl
 Concen: 63.900 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF115730.D
 Acq: 23 Jul 2019 20:23

Tgt Ion:172 Resp: 1334011
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.6 46.0
 170 24.6 20.5 30.7



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: 6.329 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.04 min

Lab File: BF115730.D

Acq: 23 Jul 2019 20:23

Instrument :

BNA_F

ClientSampleId :

SH-CONCRETE

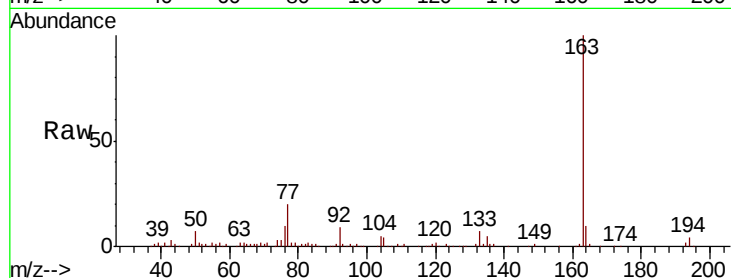
Tot Ion:163 Resp: 173989

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

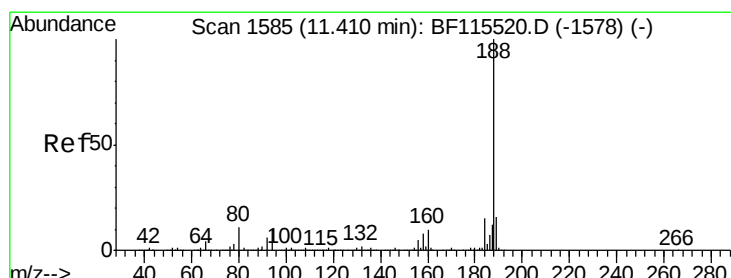
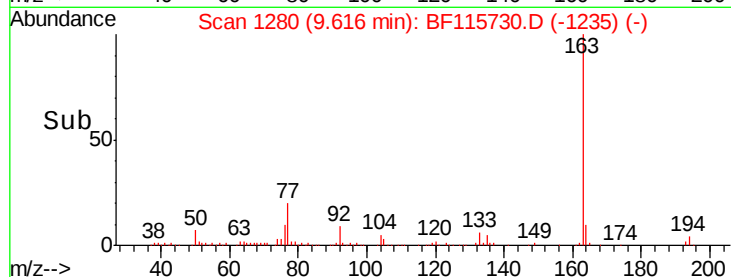
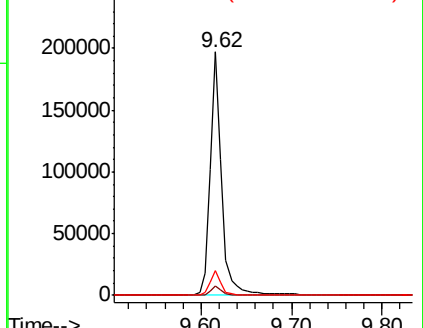
164 10.0 8.7 13.1



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: 11.39 min Scan# 1582

Delta R.T. -0.02 min

Lab File: BF115730.D

Acq: 23 Jul 2019 20:23

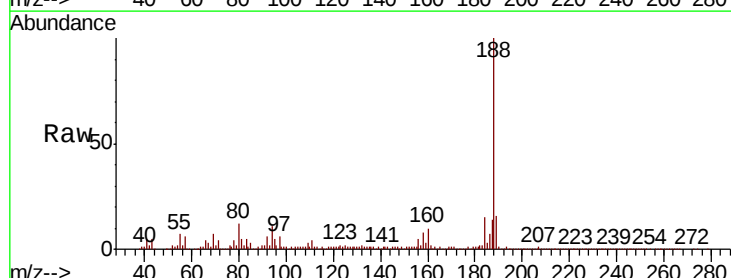
Tgt Ion:188 Resp: 616880

Ion Ratio Lower Upper

188 100

94 10.5 7.8 11.6

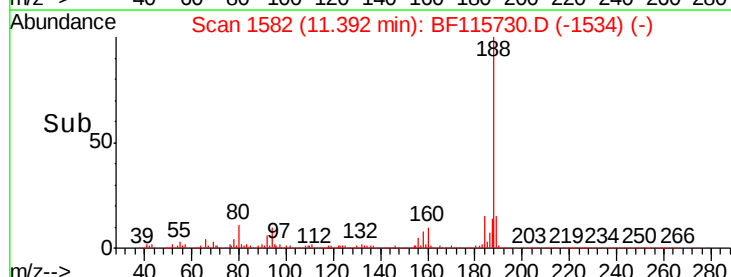
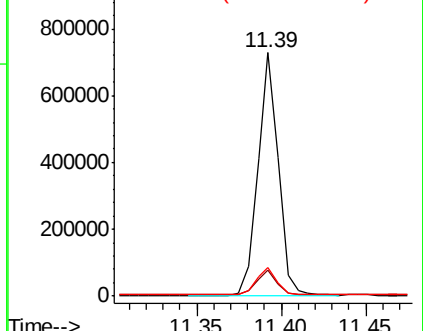
80 11.7 8.6 13.0

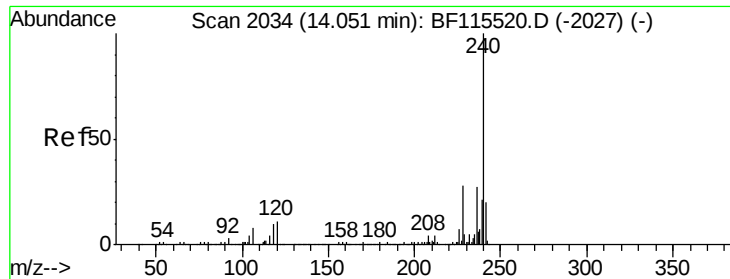


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

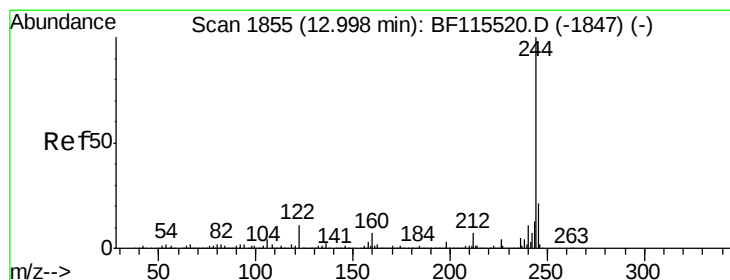
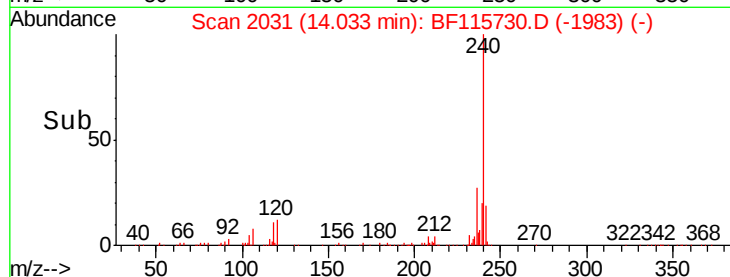
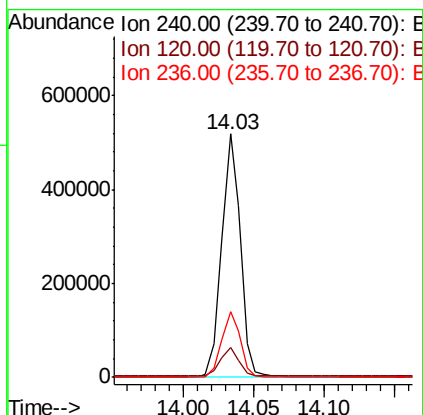
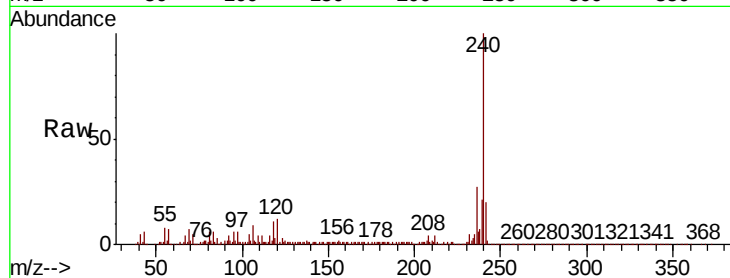




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF115730.D
 Acq: 23 Jul 2019 20:23

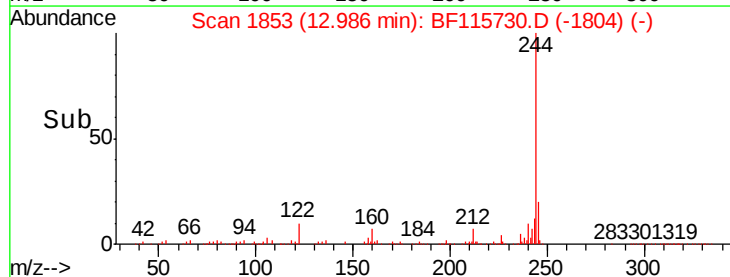
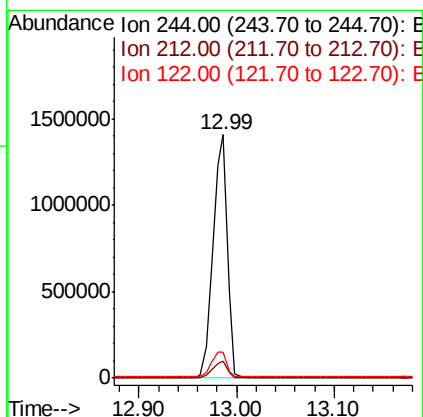
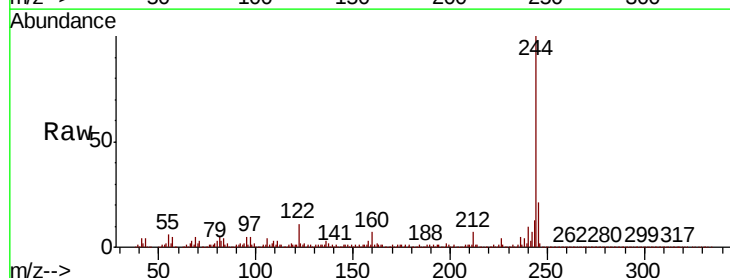
Instrument :
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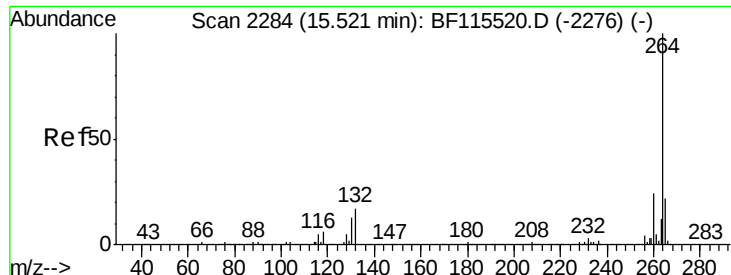
Tot Ion:240 Resp: 476652
 Ion Ratio Lower Upper
 240 100
 120 12.5 8.6 13.0
 236 27.2 21.3 31.9



#79
 Terphenyl-d14
 Concen: 55.001 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.01 min
 Lab File: BF115730.D
 Acq: 23 Jul 2019 20:23

Tgt Ion:244 Resp: 1420808
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 10.9 8.6 12.8

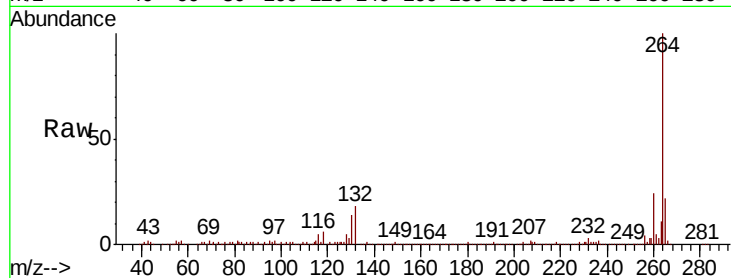




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.02 min
 Lab File: BF115730.D
 Acq: 23 Jul 2019 20:23

Instrument :
 BNA_F
 ClientSampleId :
 SH-CONCRETE

Tot Ion:264 Resp: 453983
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.8
 265 21.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

