

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081319\
 Data File : BF116249.D
 Acq On : 13 Aug 2019 23:56
 Operator : HP/JU
 Sample : K4319-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-CURB

Quant Time: Aug 14 02:00:55 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

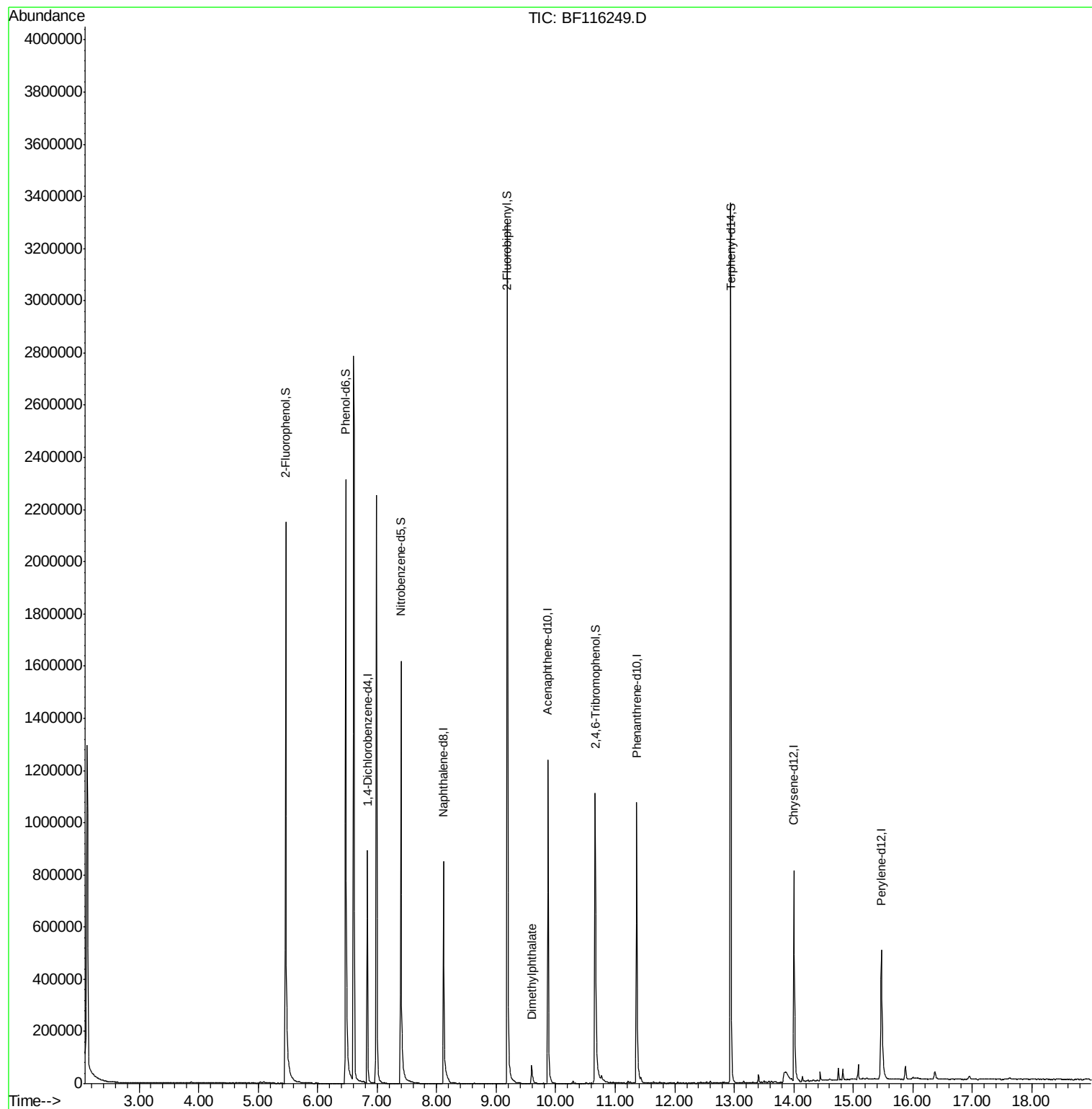
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	134848	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	534496	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	284905	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	507896	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	345350	20.00	ng	0.00
87) Perylene-d12	15.47	264	343016	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	785023	97.46	ng	0.00
7) Phenol-d6	6.47	99	1032985	101.64	ng	-0.01
23) Nitrobenzene-d5	7.40	82	659776	71.25	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	216587	78.41	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1169137	76.86	ng	-0.02
79) Terphenyl-d14	12.94	244	1268944	77.43	ng	-0.01
Target Compounds						
50) Dimethylphthalate	9.59	163	56690	2.922	ng	Qvalue 100

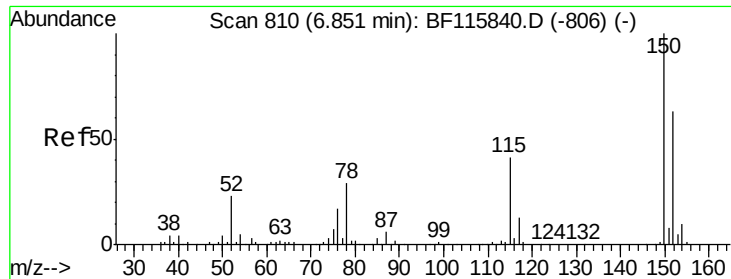
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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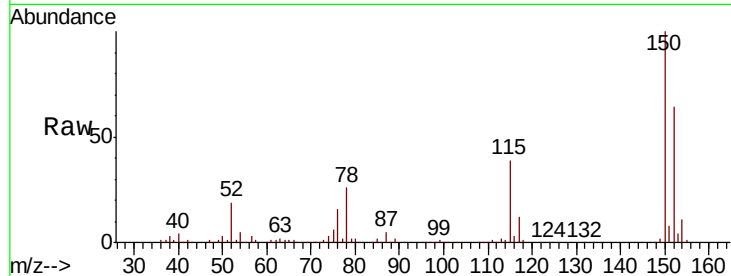


#1

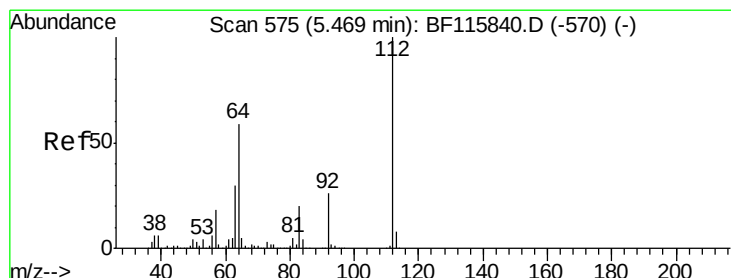
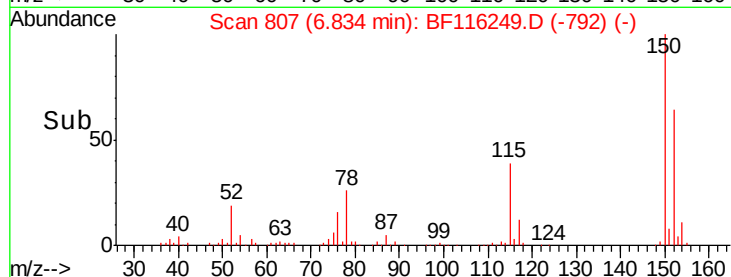
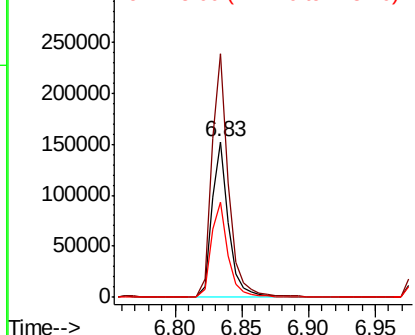
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: BF116249.D
 Acq: 13 Aug 2019 23:56

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-CURB

Tot Ion:152 Resp: 134848
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.2 189.2
 115 61.1 49.9 74.9



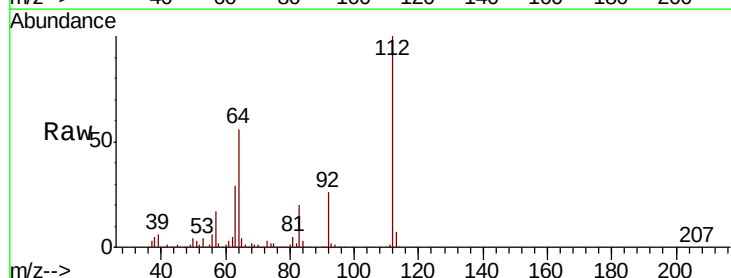
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



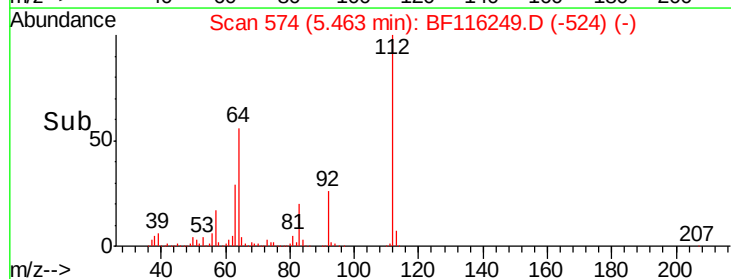
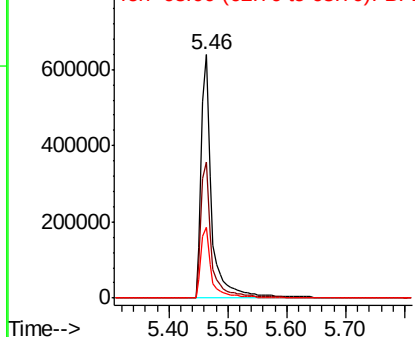
#5

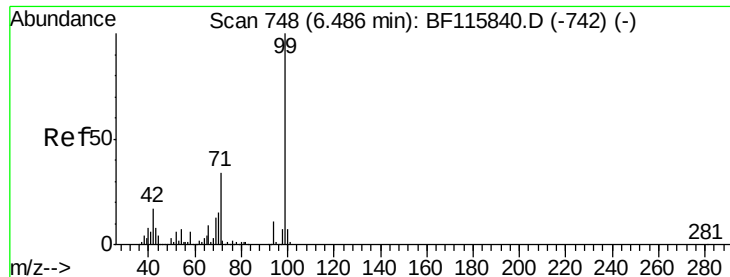
2-Fluorophenol
 Concen: 97.456 ng
 RT: 5.46 min Scan# 574
 Delta R.T. -0.01 min
 Lab File: BF116249.D
 Acq: 13 Aug 2019 23:56

Tgt Ion:112 Resp: 785023
 Ion Ratio Lower Upper
 112 100
 64 56.1 45.4 68.2
 63 29.0 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: 101.642 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116249.D

Acq: 13 Aug 2019 23:56

Instrument :

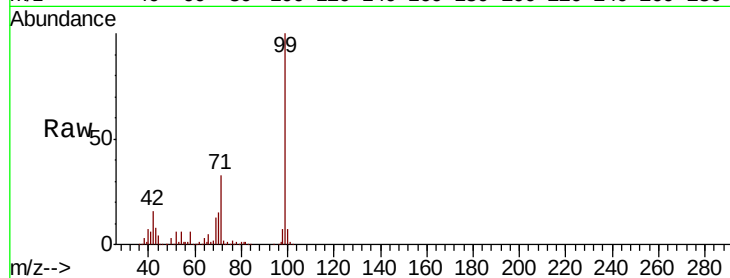
BNA_F

ClientSampleId :

CONCRETE-CURB

Tot Ion: 99 Resp: 1032985

Ion	Ratio	Lower	Upper
99	100		
42	16.2	13.8	20.8
71	33.1	27.3	40.9

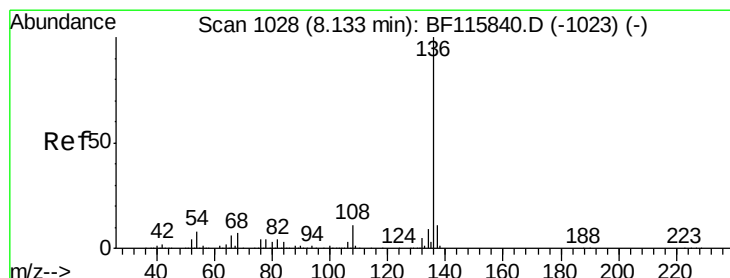
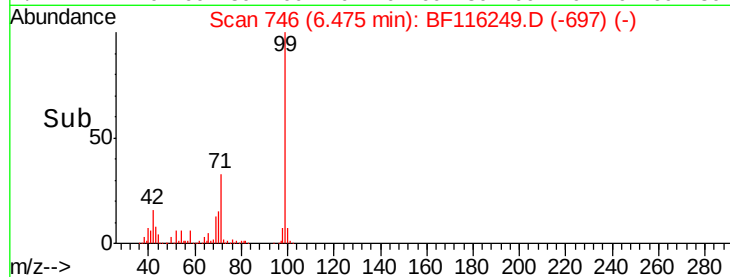


Abundance

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

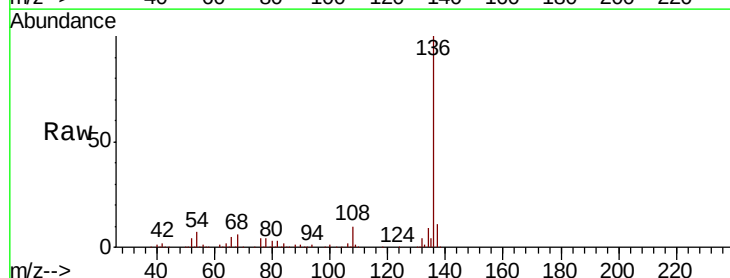
Delta R.T. -0.01 min

Lab File: BF116249.D

Acq: 13 Aug 2019 23:56

Tgt Ion: 136 Resp: 534496

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.8	5.8	8.6
68	6.1	5.2	7.8



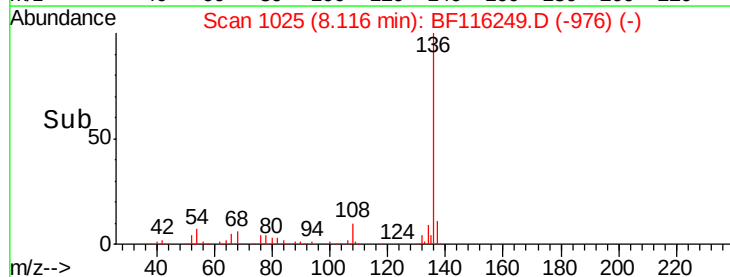
Abundance

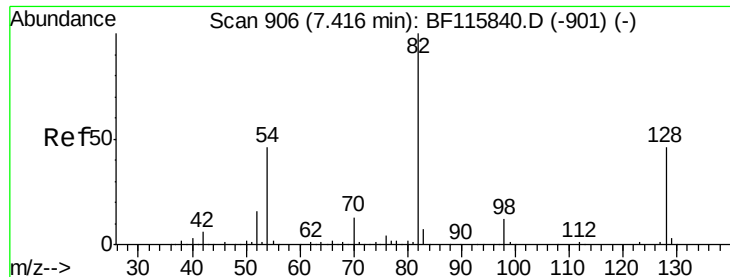
Ion 136.00 (135.70 to 136.70): E

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

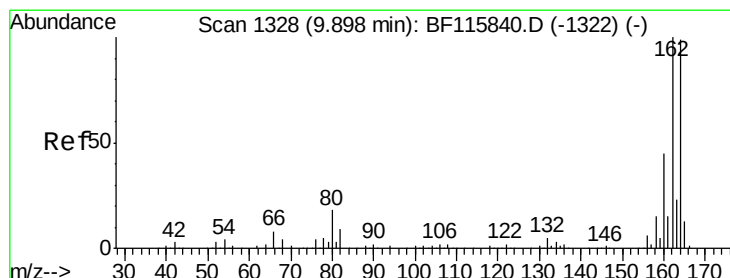
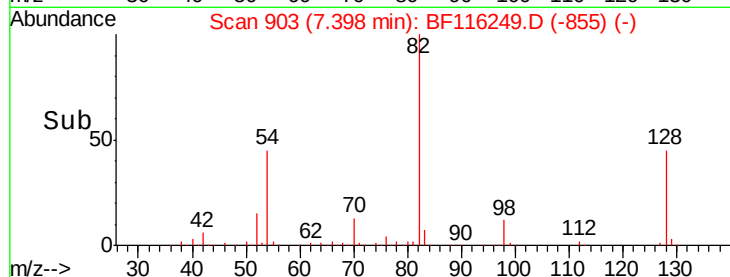
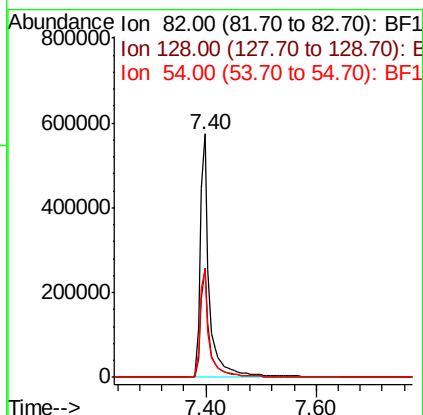
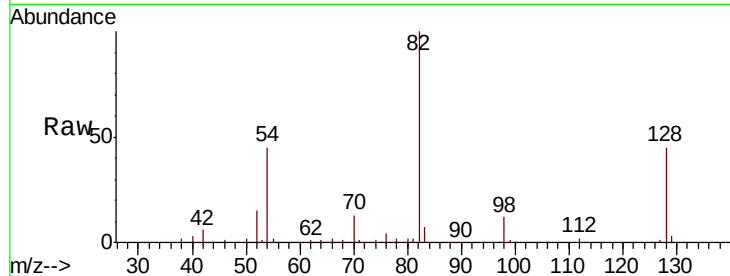




#23
Nitrobenzene-d5
Concen: 71.253 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116249.D
Acq: 13 Aug 2019 23:56

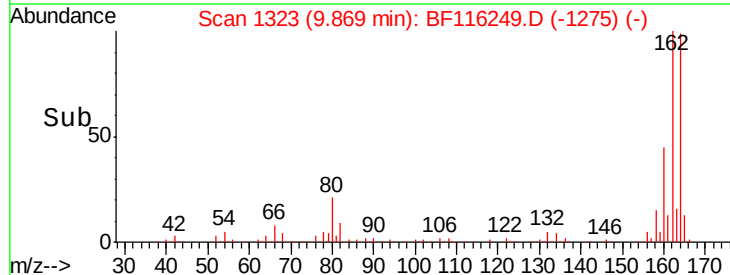
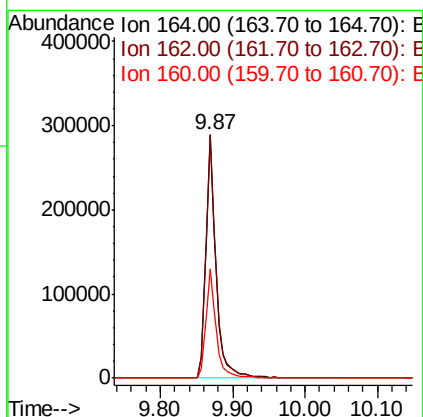
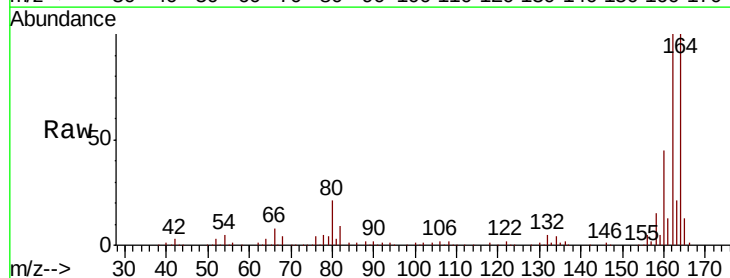
Instrument :
BNA_F
ClientSampleId :
CONCRETE-CURB

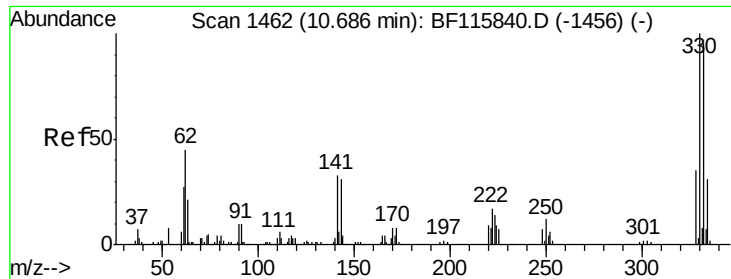
Tot Ion: 82 Resp: 659776
Ion Ratio Lower Upper
82 100
128 45.1 36.5 54.7
54 44.6 36.0 54.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116249.D
Acq: 13 Aug 2019 23:56

Tgt Ion: 164 Resp: 284905
Ion Ratio Lower Upper
164 100
162 100.5 82.6 124.0
160 44.9 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 78.410 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.01 min

Lab File: BF116249.D

Acq: 13 Aug 2019 23:56

Instrument :

BNA_F

ClientSampleId :

CONCRETE-CURB

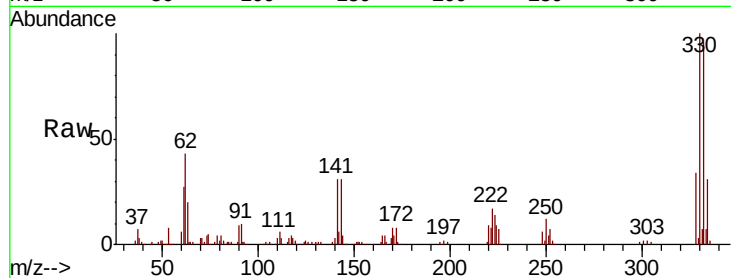
Tot Ion:330 Resp: 216587

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

141 33.3 26.3 39.5

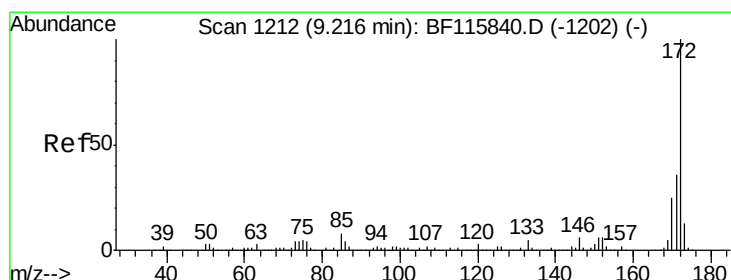
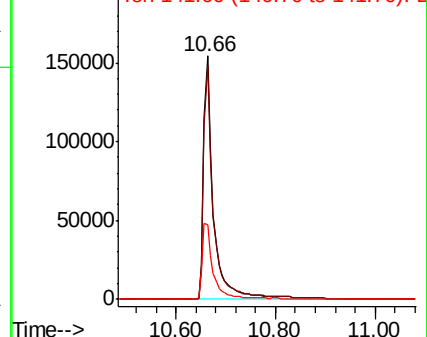
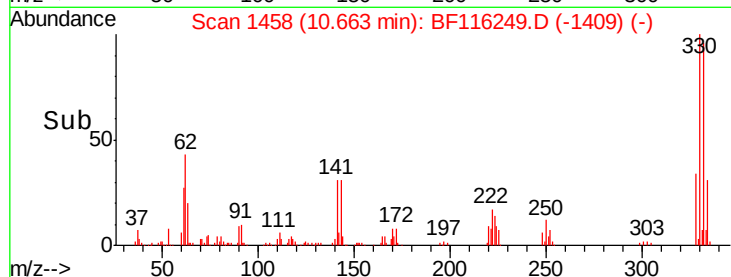


Abundance

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: 76.864 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116249.D

Acq: 13 Aug 2019 23:56

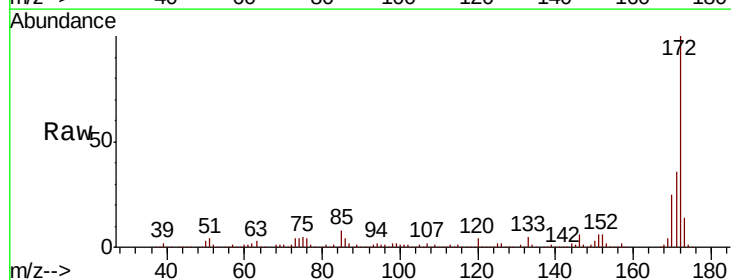
Tgt Ion:172 Resp: 1169137

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

170 25.0 20.1 30.1

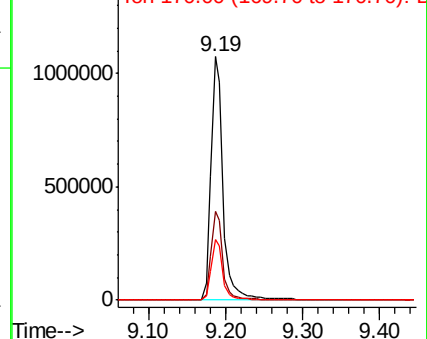
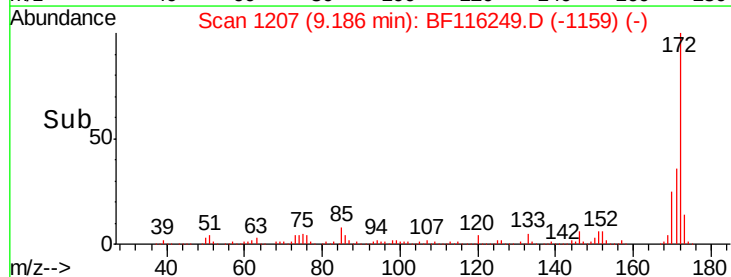


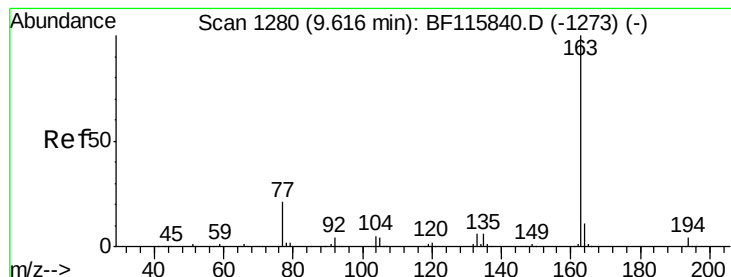
Abundance

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: 2.922 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF116249.D

Acq: 13 Aug 2019 23:56

Instrument :

BNA_F

ClientSampleId :

CONCRETE-CURB

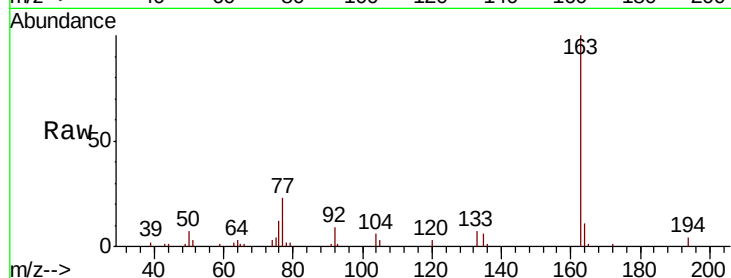
Tot Ion:163 Resp: 56690

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

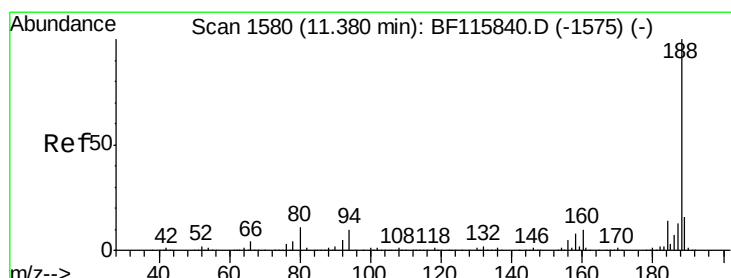
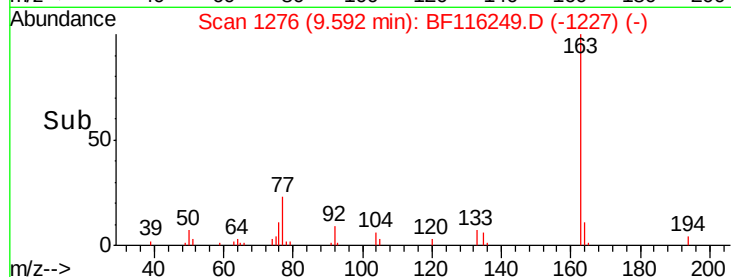
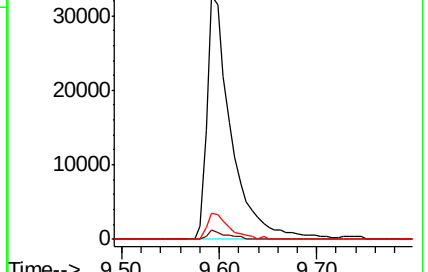
164 10.7 8.4 12.6



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: BF116249.D

Acq: 13 Aug 2019 23:56

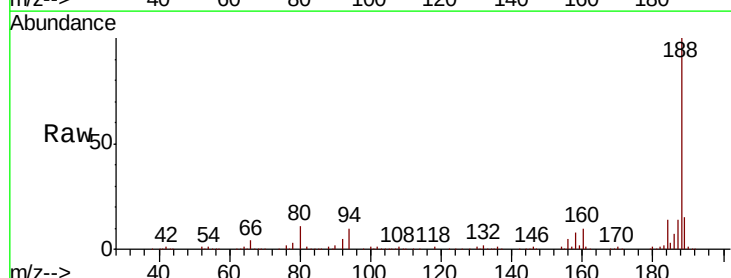
Tgt Ion:188 Resp: 507896

Ion Ratio Lower Upper

188 100

94 9.6 8.1 12.1

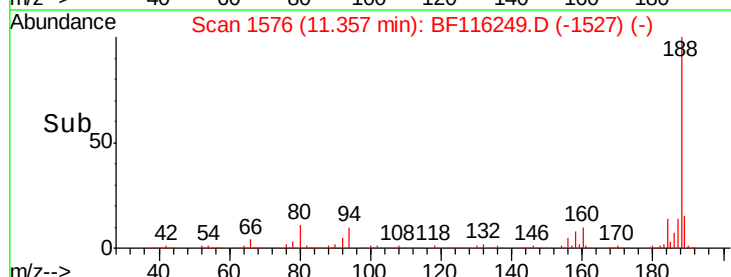
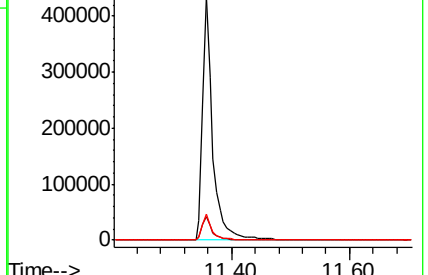
80 10.5 8.7 13.1

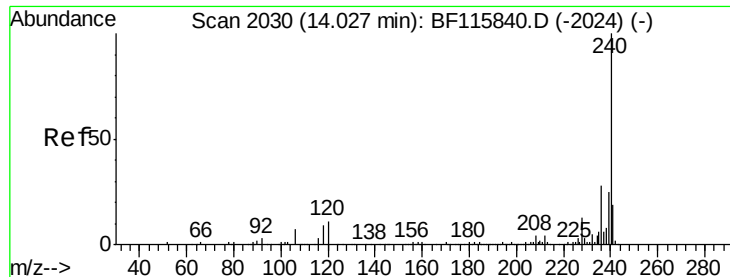


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

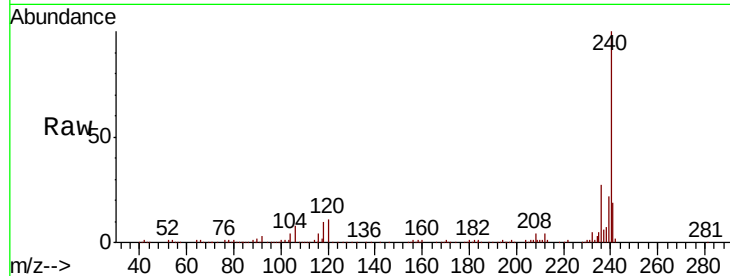




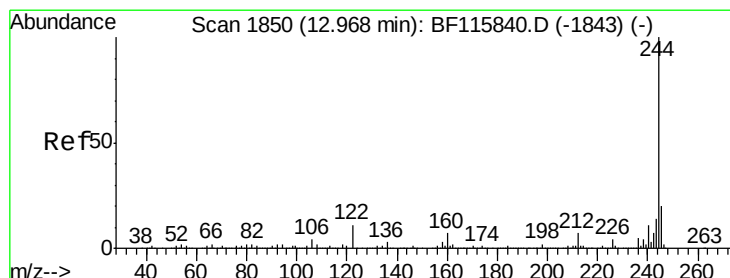
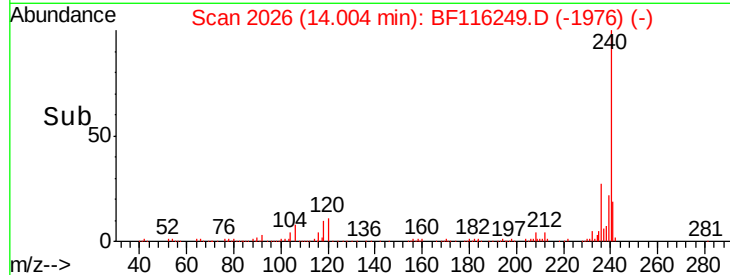
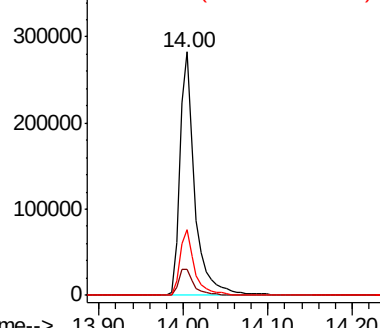
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF116249.D
Acq: 13 Aug 2019 23:56

Instrument :
BNA_F
ClientSampleId :
CONCRETE-CURB

Tot Ion:240 Resp: 345350
Ion Ratio Lower Upper
240 100
120 10.9 10.7 16.1
236 26.7 22.2 33.2

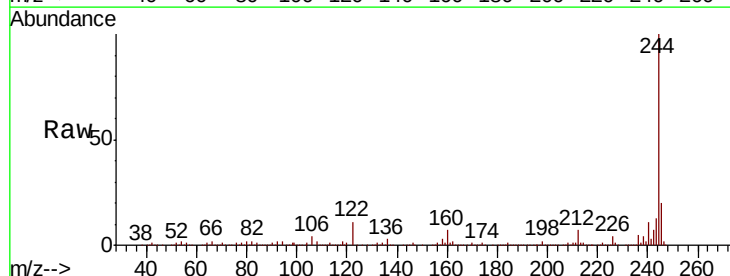


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

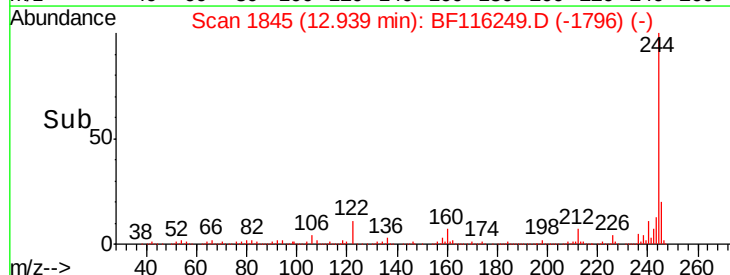
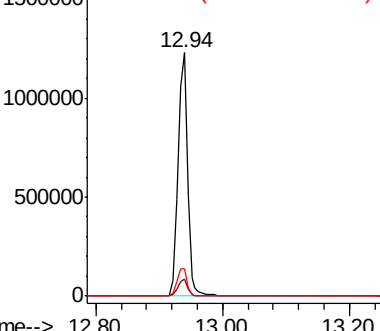


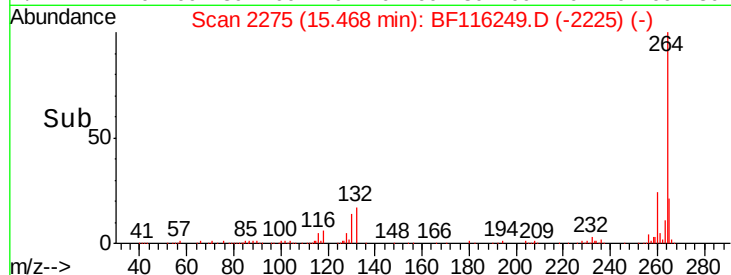
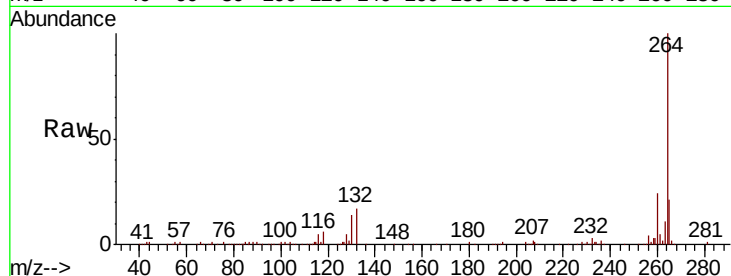
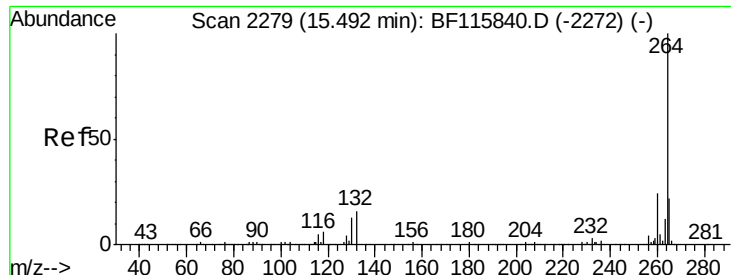
#79
Terphenyl-d14
Concen: 77.425 ng
RT: 12.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BF116249.D
Acq: 13 Aug 2019 23:56

Tgt Ion:244 Resp: 1268944
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 11.2 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. -0.01 min
Lab File: BF116249.D
Acq: 13 Aug 2019 23:56

Instrument :
BNA_F
ClientSampleId :
CONCRETE-CURB

Tot Ion:	264	Resp:	343016
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.7	29.5
265	21.1	17.4	26.0

