

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF052219\
 Data File : BF114515.D
 Acq On : 23 May 2019 6:04
 Operator : JU/SJ
 Sample : K2962-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-BUS

Quant Time: May 23 07:24:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 20 04:47:40 2019
 Response via : Initial Calibration

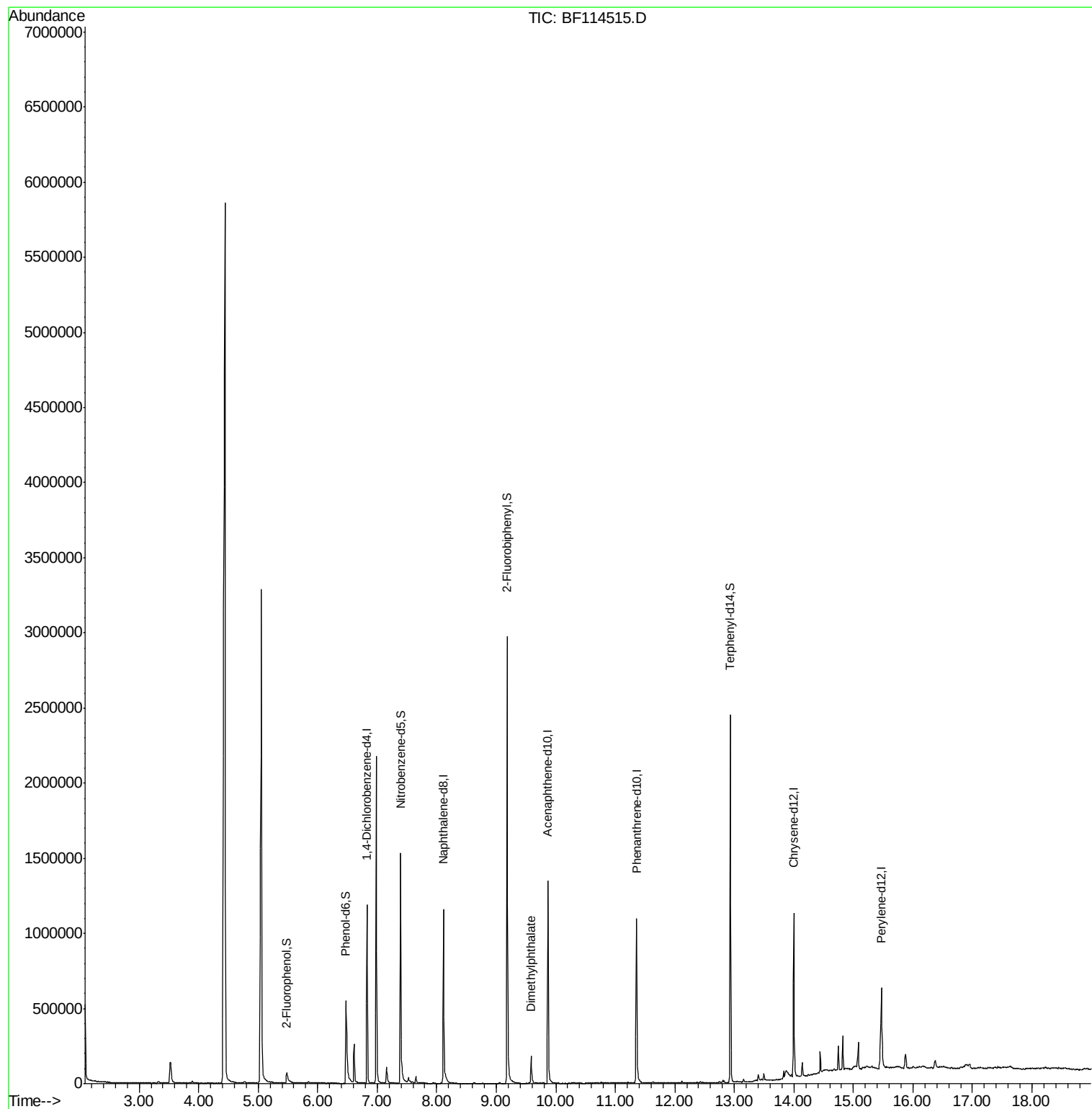
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	172572	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	676257	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	299945	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	525486	20.00	ng	0.00
76) Chrysene-d12	14.00	240	385506	20.00	ng	0.00
87) Perylene-d12	15.47	264	290619	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	45271	4.22	ng	0.01
7) Phenol-d6	6.47	99	304668	24.02	ng	-0.01
23) Nitrobenzene-d5	7.39	82	531239	44.09	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	1726	0.56	ng	0.02
45) 2-Fluorobiphenyl	9.19	172	1004155	50.64	ng	0.00
79) Terphenyl-d14	12.93	244	811860	43.41	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.59	163	114017	5.178	ng	Qvalue 98

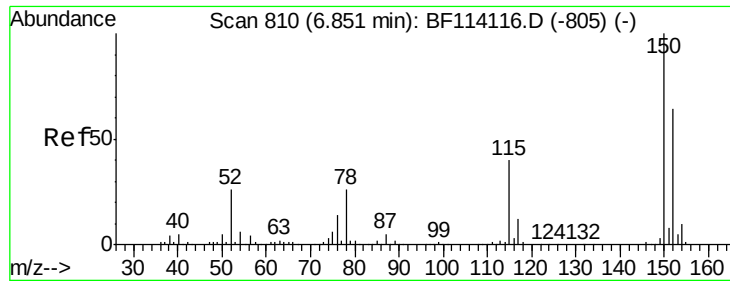
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF114515.D

Acq: 23 May 2019 6:04

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BNA_F

ClientSampleId :

CONCRETE-BUS

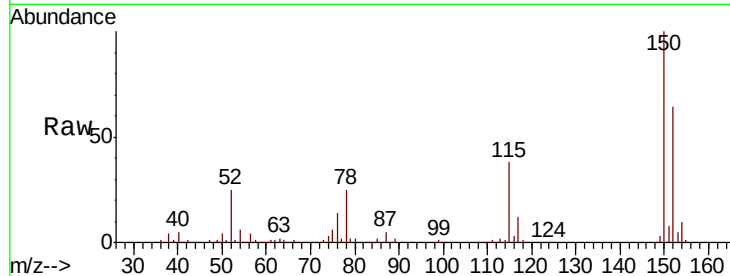
Tot Ion:152 Resp: 172572

Ion Ratio Lower Upper

152 100

150 157.2 124.3 186.5

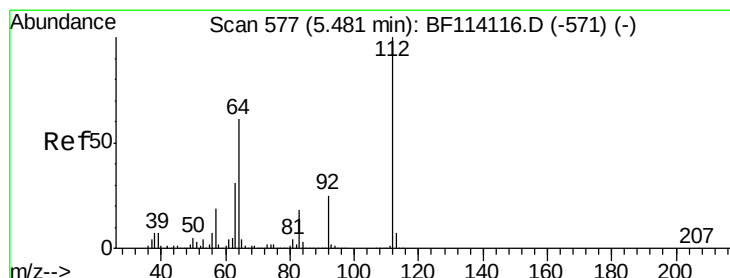
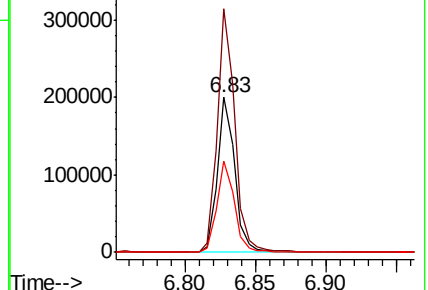
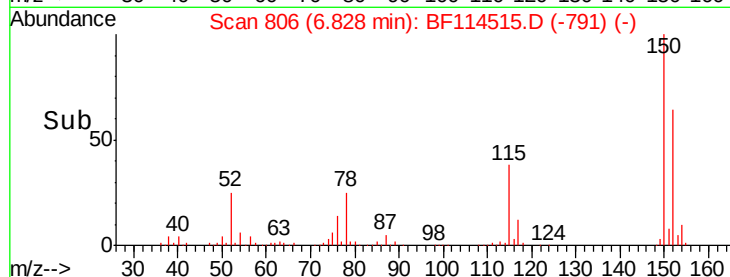
115 59.4 49.1 73.7



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: 4.222 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF114515.D

Acq: 23 May 2019 6:04

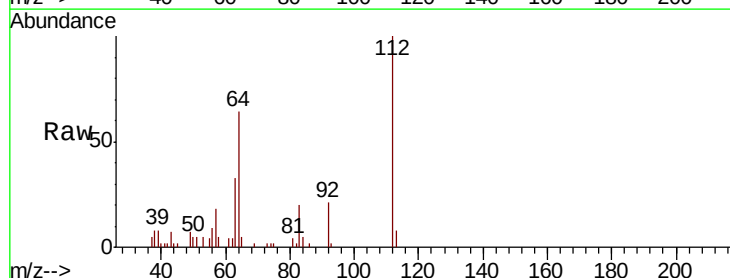
Tgt Ion:112 Resp: 45271

Ion Ratio Lower Upper

112 100

64 64.0 49.0 73.6

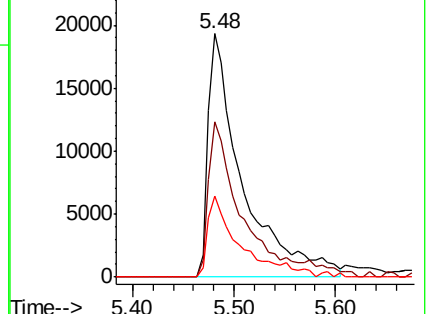
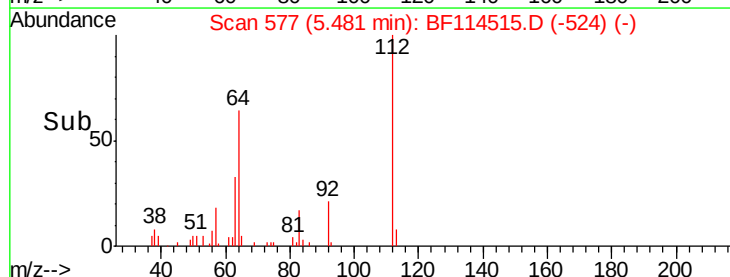
63 33.2 24.6 37.0

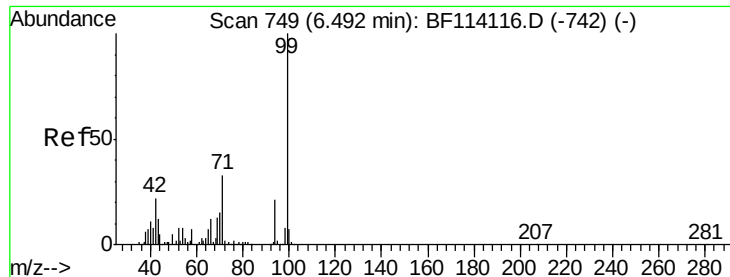


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 24.021 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF114515.D

Acq: 23 May 2019 6:04

Instrument :

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ClientSampleId :

CONCRETE-BUS

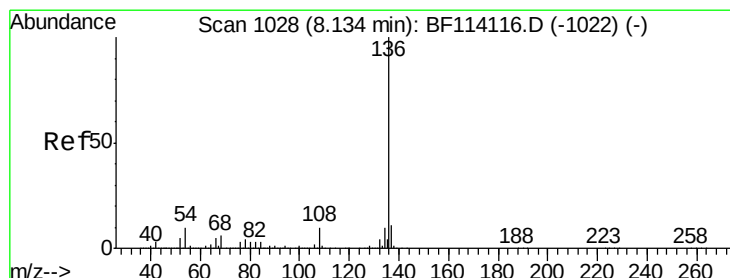
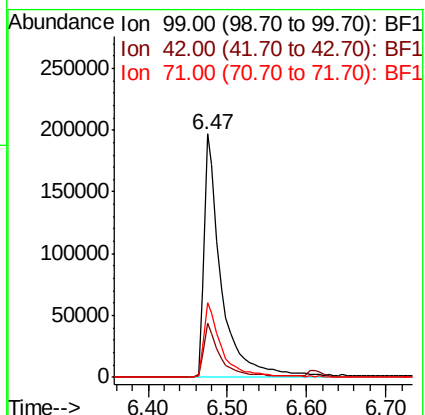
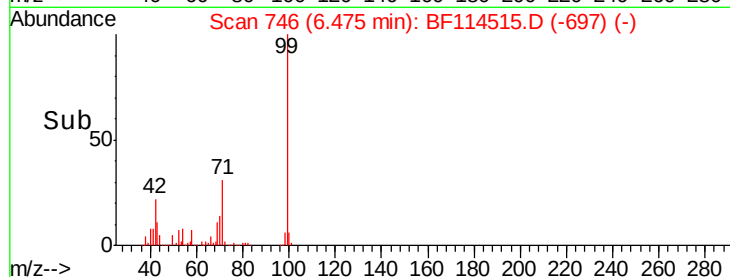
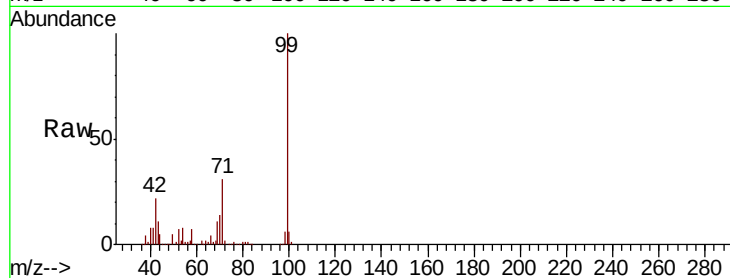
Tot Ion: 99 Resp: 304668

Ion Ratio Lower Upper

99 100

42 22.4 17.9 26.9

71 30.7 26.2 39.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF114515.D

Acq: 23 May 2019 6:04

Tgt Ion: 136 Resp: 676257

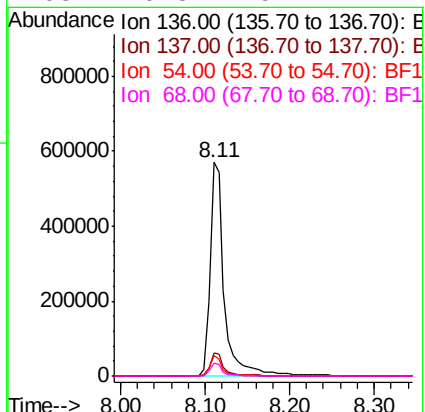
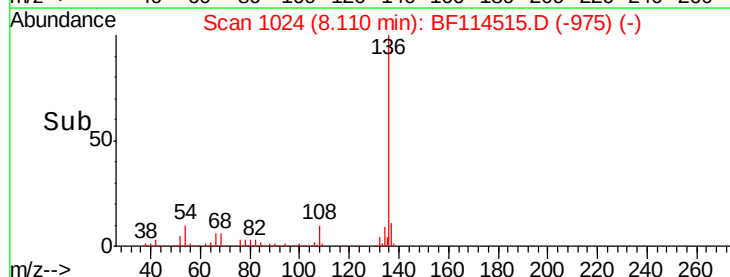
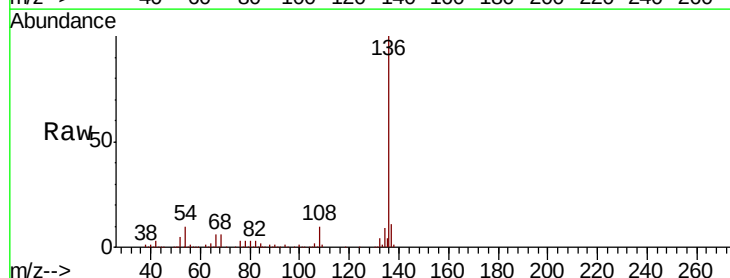
Ion Ratio Lower Upper

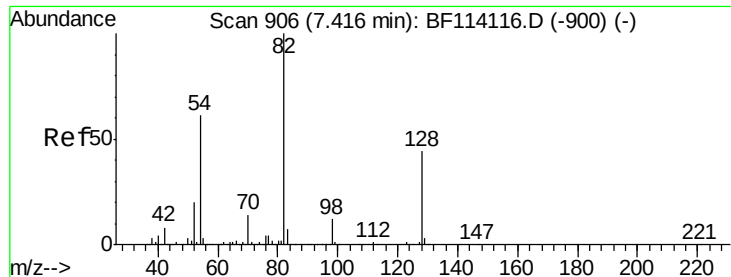
136 100

137 11.0 8.8 13.2

54 9.7 7.8 11.8

68 6.3 5.1 7.7

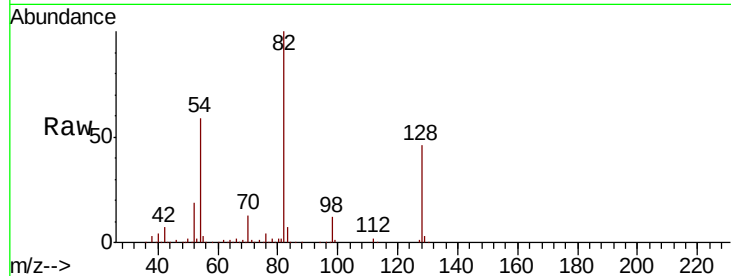




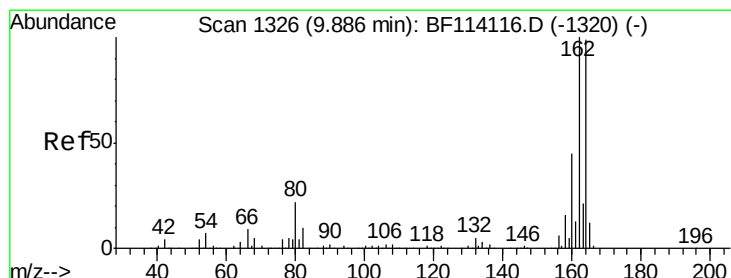
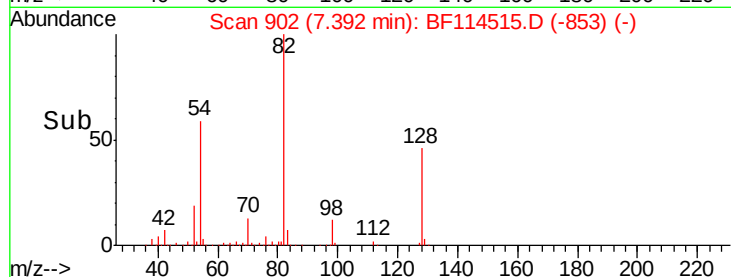
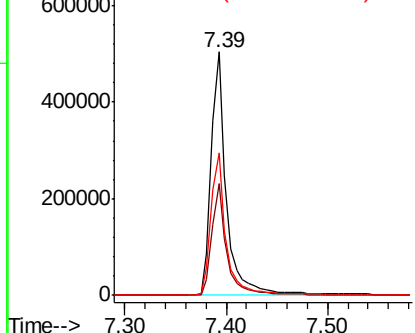
#23
 Nitrobenzene-d5
 Concen: 44.086 ng
 RT: 7.39 min Scan# 902
 Delta R.T. -0.01 min
 Lab File: BF114515.D
 Acq: 23 May 2019 6:04

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-BUS

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.5	53.3
54	58.8	48.5	72.7

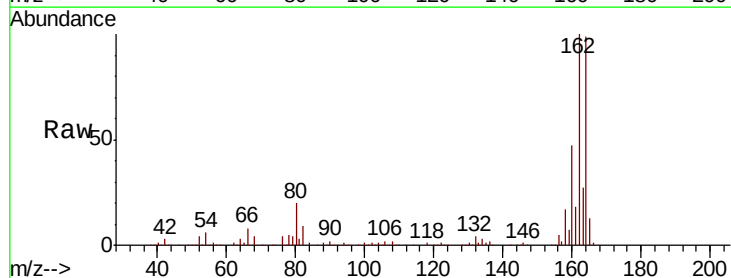


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

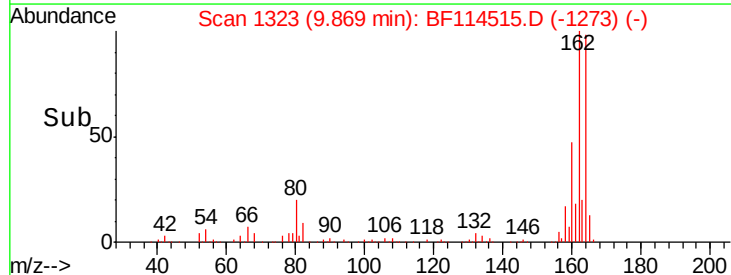
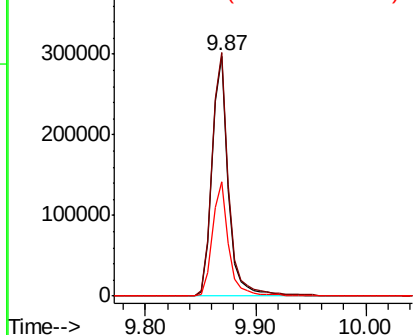


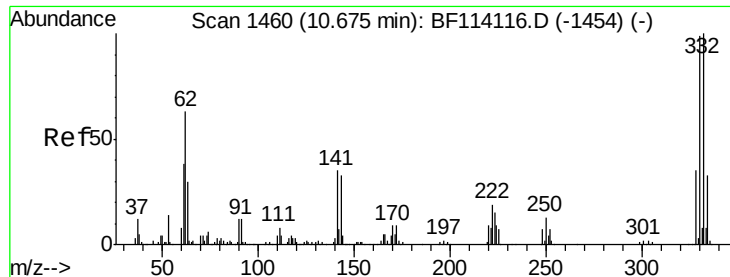
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF114515.D
 Acq: 23 May 2019 6:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	80.6	120.8
160	47.4	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

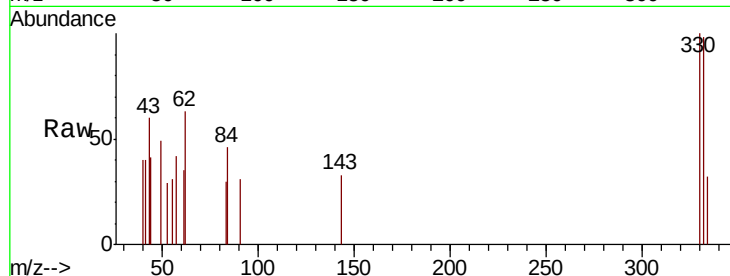




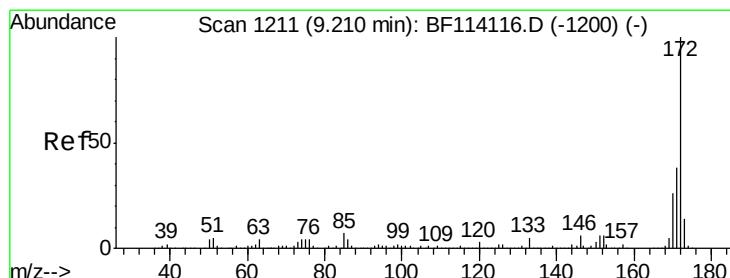
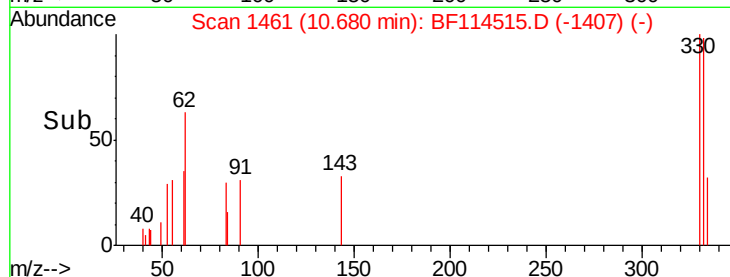
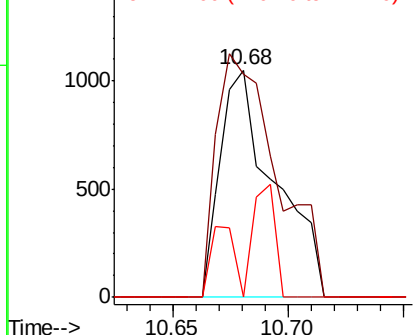
#42
 2,4,6-Tribromophenol
 Concen: 0.557 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.02 min
 Lab File: BF114515.D
 Acq: 23 May 2019 6:04

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-BUS

Tot Ion:330 Resp: 1726
 Ion Ratio Lower Upper
 330 100
 332 118.7 81.4 122.2
 141 13.3 26.6 40.0#

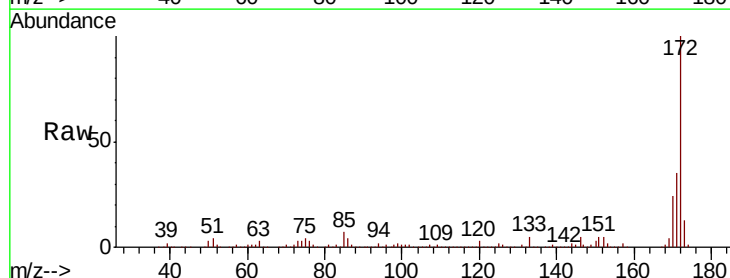


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

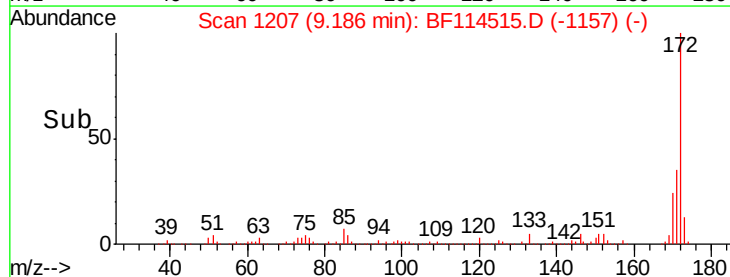
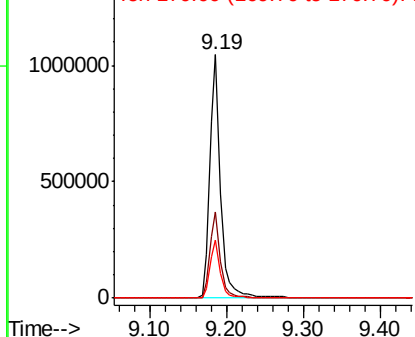


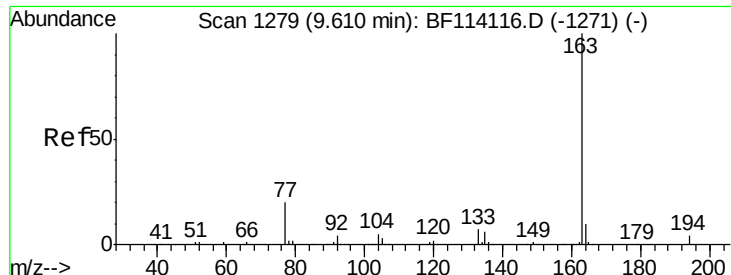
#45
 2-Fluorobiphenyl
 Concen: 50.641 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF114515.D
 Acq: 23 May 2019 6:04

Tgt Ion:172 Resp: 1004155
 Ion Ratio Lower Upper
 172 100
 171 35.4 30.7 46.1
 170 23.6 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

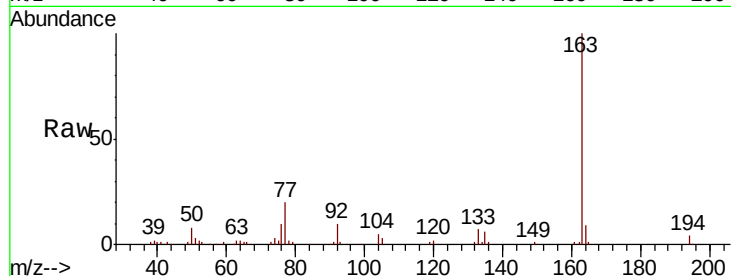




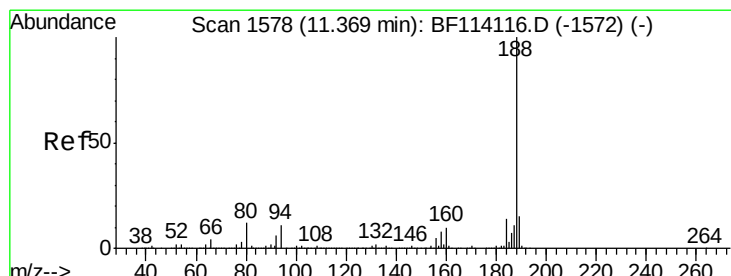
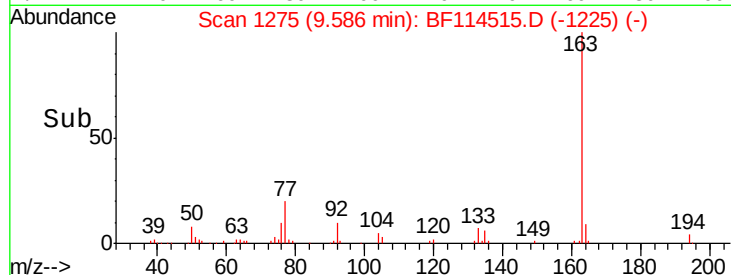
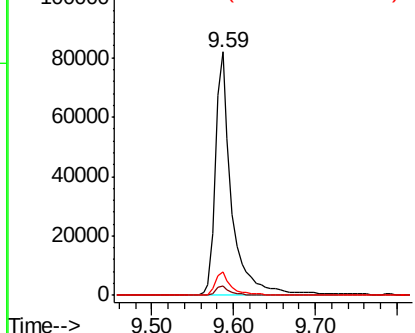
#50
Dimethylphthalate
Concen: 5.178 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF114515.D
Acq: 23 May 2019 6:04

Instrument :
BNA_F
ClientSampleId :
CONCRETE-BUS

Tot Ion:163 Resp: 114017
Ion Ratio Lower Upper
163 100
194 3.8 3.4 5.0
164 9.5 8.2 12.2

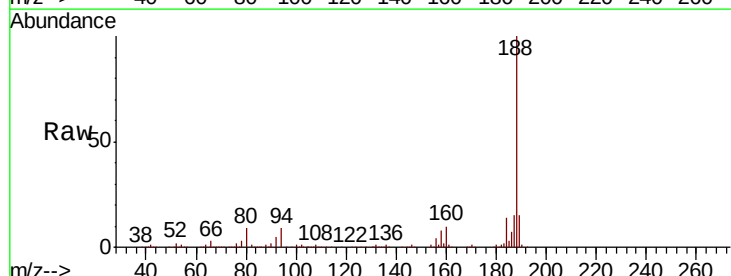


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

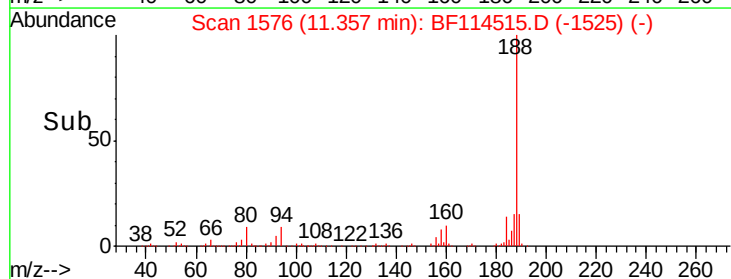
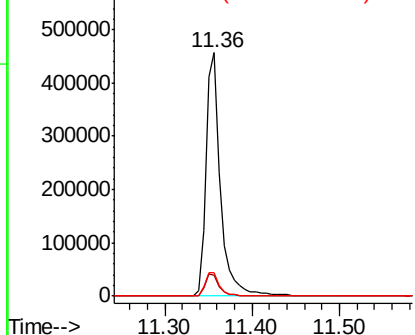


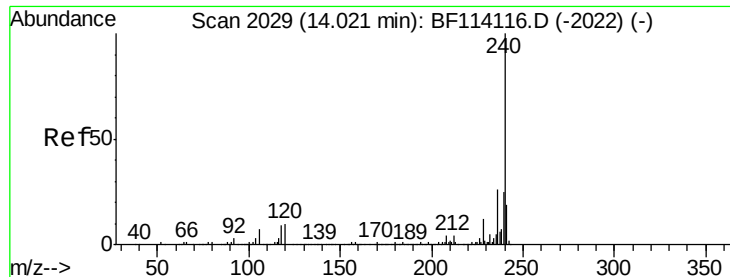
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF114515.D
Acq: 23 May 2019 6:04

Tgt Ion:188 Resp: 525486
Ion Ratio Lower Upper
188 100
94 8.8 8.4 12.6
80 9.5 9.2 13.8



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

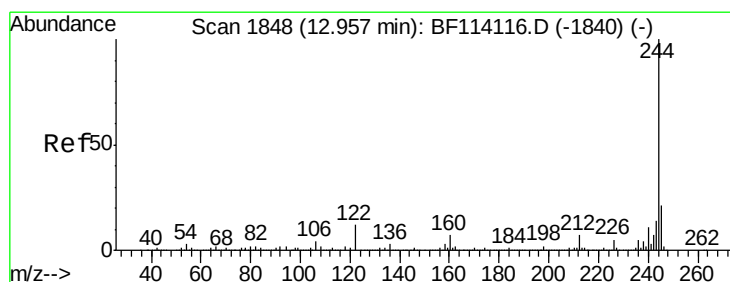
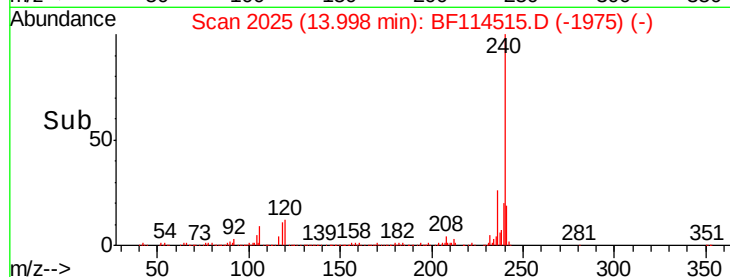
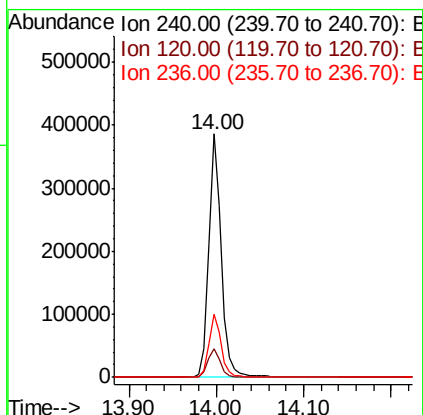
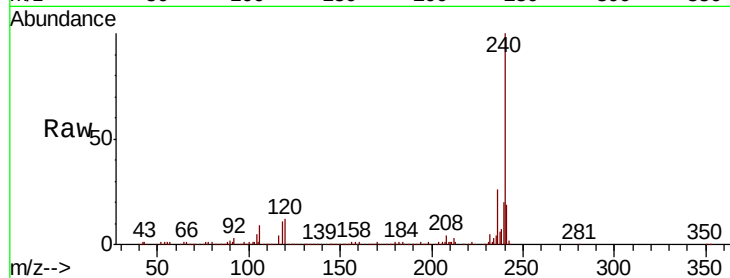




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF114515.D
Acq: 23 May 2019 6:04

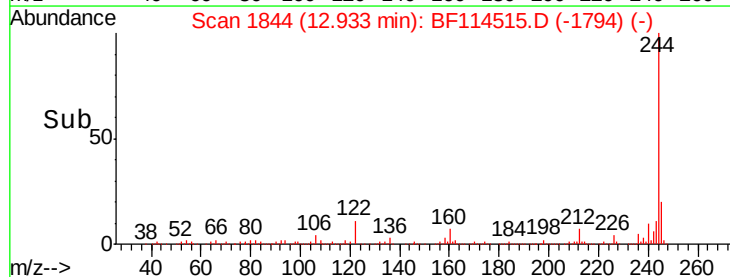
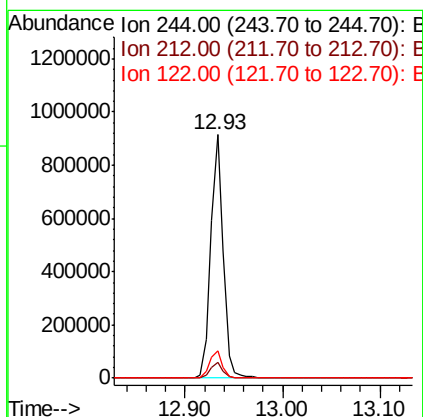
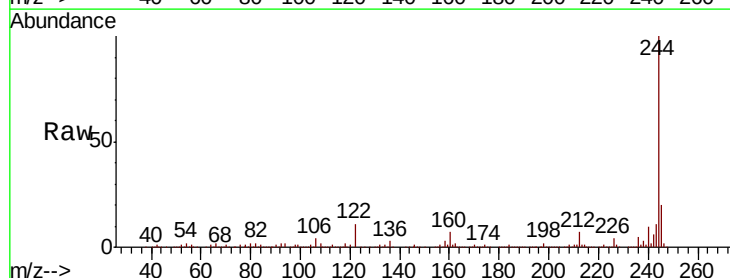
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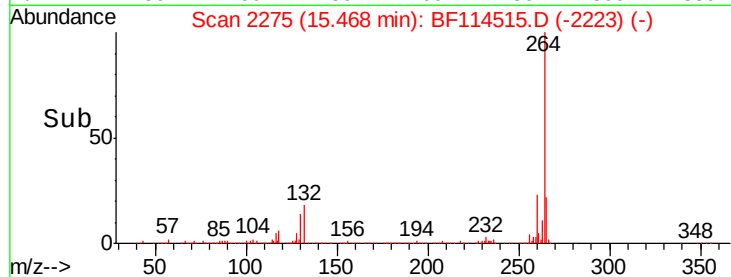
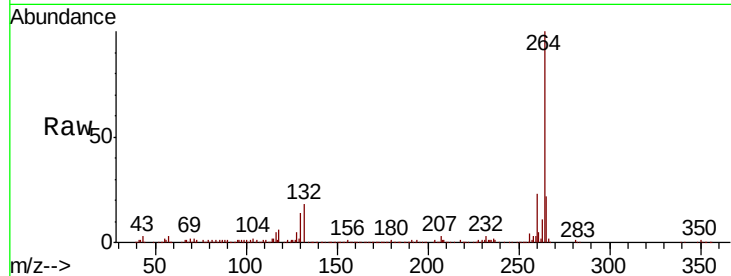
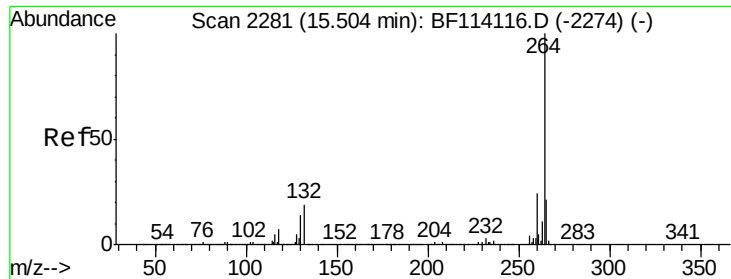
Tot Ion:240 Resp: 385506
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 26.0 20.8 31.2



#79
Terphenyl-d14
Concen: 43.413 ng
RT: 12.93 min Scan# 1844
Delta R.T. -0.01 min
Lab File: BF114515.D
Acq: 23 May 2019 6:04

Tgt Ion:244 Resp: 811860
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 11.4 9.4 14.2





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2275
Delta R.T. 0.01 min
Lab File: BF114515.D
Acq: 23 May 2019 6:04

Instrument :
BNA_F
ClientSampleId :
CONCRETE-BUS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.4	29.0
265	22.0	16.9	25.3

