

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113946.D
 Acq On : 24 Apr 2019 3:40
 Operator : JU/SJ
 Sample : K2526-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-72-11991

Manual Integrations
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Sohil
 4/24/2019 11:51:49 AM

Quant Time: Apr 24 07:54:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139551	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	484690	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	214195	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	379342	20.00	ng	0.00
76) Chrysene-d12	14.05	240	408038	20.00	ng	-0.02
87) Perylene-d12	15.53	264	348892	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	187188	22.94	ng	0.00
7) Phenol-d6	6.52	99	765063	74.74	ng	0.00
23) Nitrobenzene-d5	7.45	82	615781	78.44	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	8152	3.12	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1181805	86.29	ng	0.00
79) Terphenyl-d14	13.00	244	1327832	66.72	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
50) Dimethylphthalate	9.64	163	155262	10.023	ng	98
52) Acenaphthene	9.96	154	100264	8.144	ng	96
58) Fluorene	10.48	166	44774	3.225	ng	99
71) Phenanthrene	11.44	178	94909	4.978	ng	97
75) Fluoranthene	12.64	202	164033	7.886	ng	98
78) Pyrene	12.86	202	133596	4.682	ng	98
83) Chrysene	14.07	228	54545m	2.330	ng	
88) Benzo(b)fluoranthene	15.10	252	47851m	2.168	ng	

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

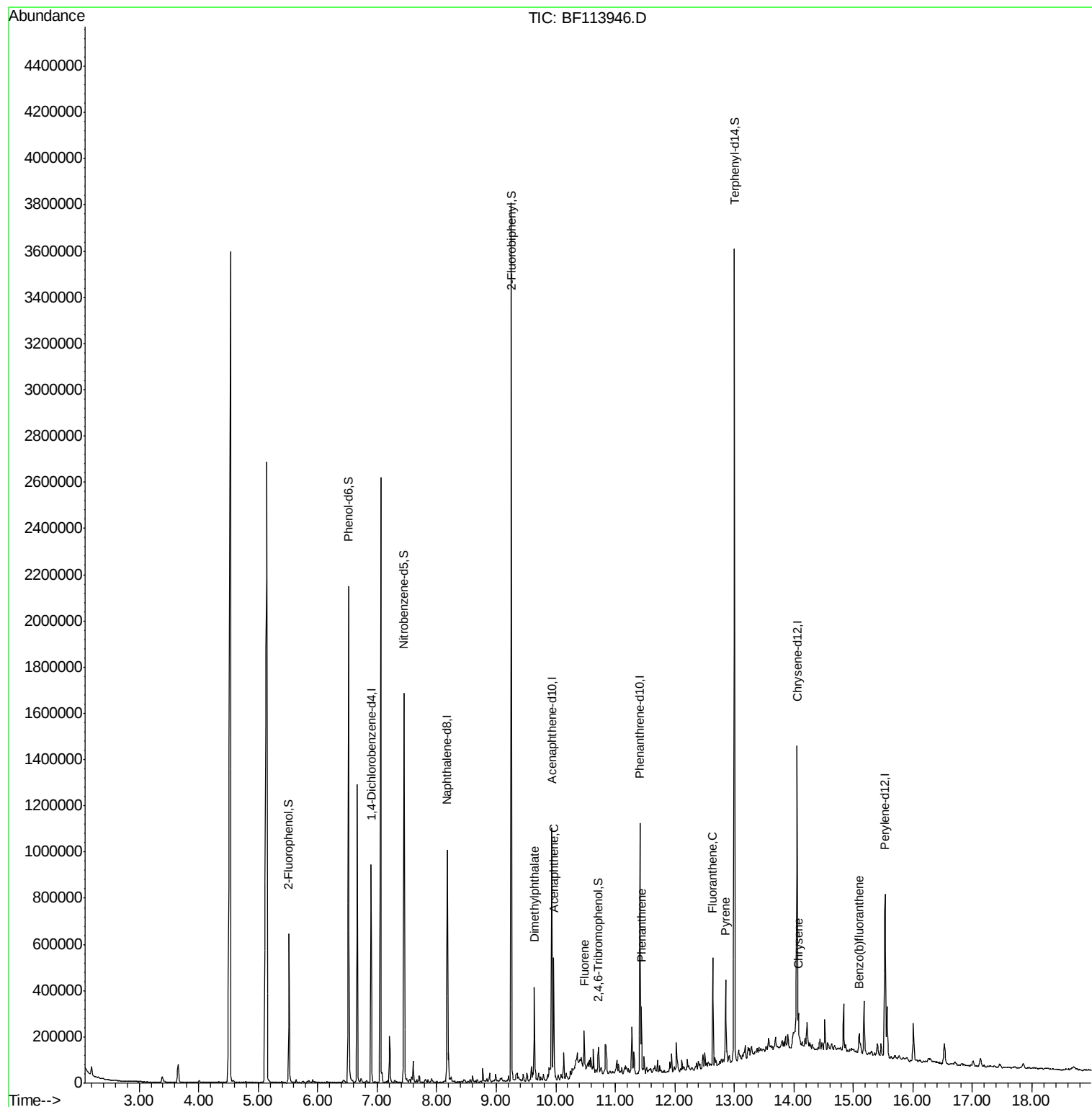
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113946.D
Acq On : 24 Apr 2019 3:40
Operator : JU/SJ
Sample : K2526-04
Misc :
ALS Vial : 30 Sample Multiplier: 1

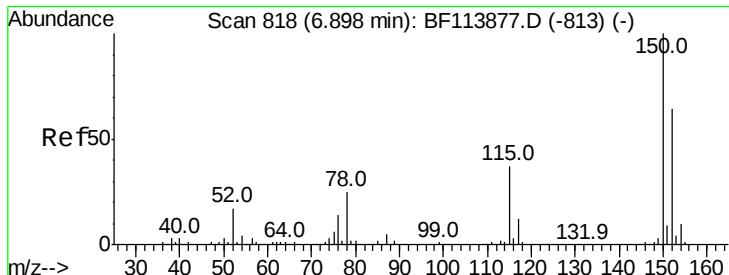
Instrument :
BNA_F
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CONCRETE-72-11991

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#1

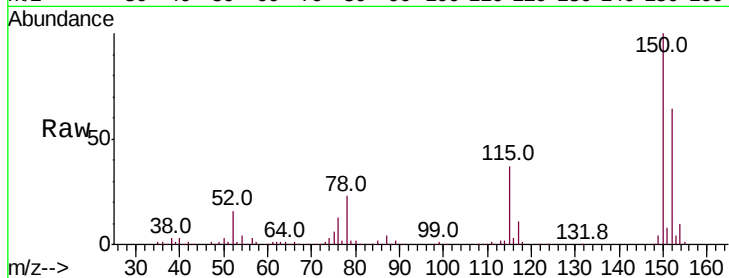
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113946.D
Acq: 24 Apr 2019 3:40

Instrument :
BNA_F
ClientSampleId :
CONCRETE-72-11991

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.9	188.9
115	57.2	45.9	68.9

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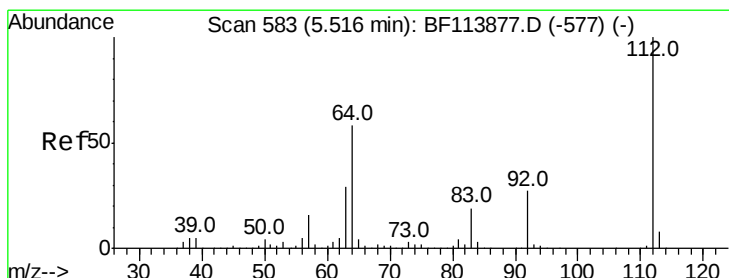
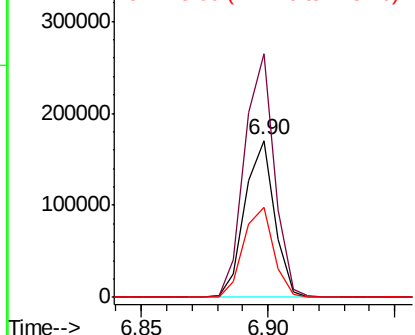
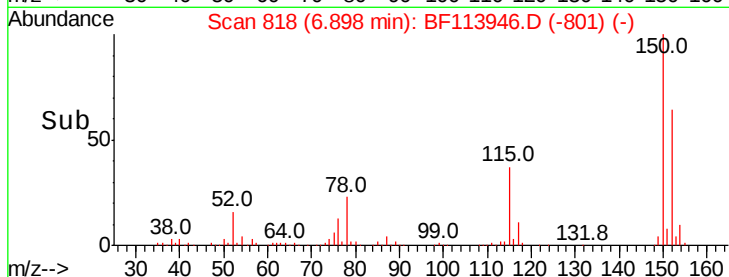


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

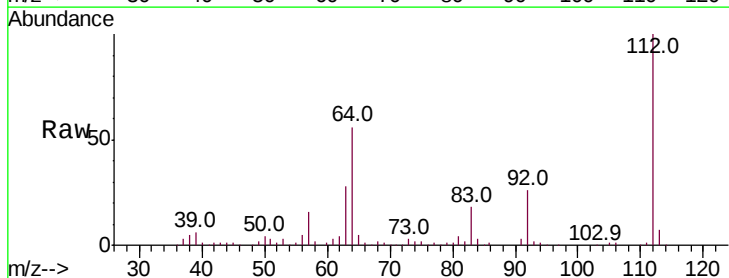
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 22.942 ng
RT: 5.52 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF113946.D
Acq: 24 Apr 2019 3:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.4	46.6	69.8
63	28.1	23.1	34.7

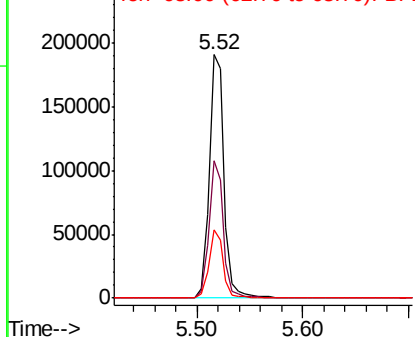
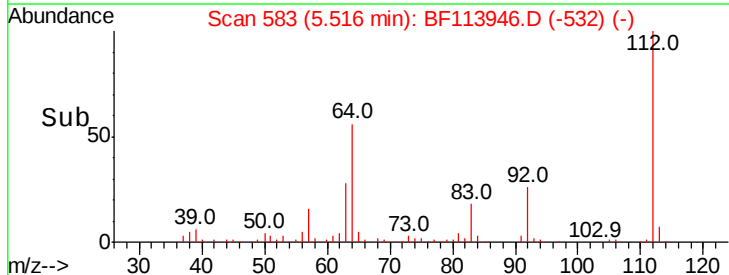


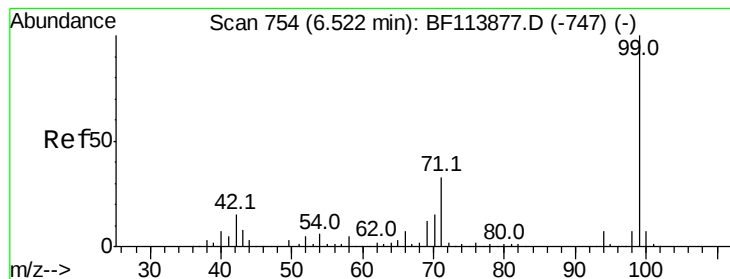
Abundance

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: 74.738 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF113946.D

Acq: 24 Apr 2019 3:40

Instrument :

BNA_F

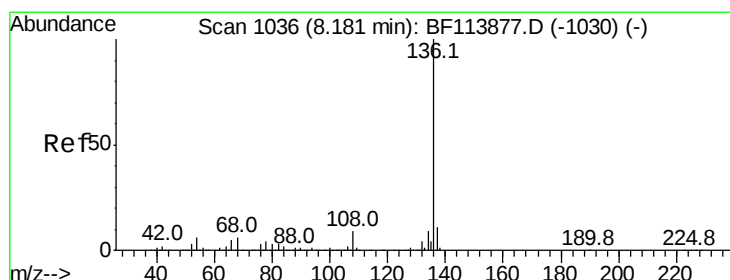
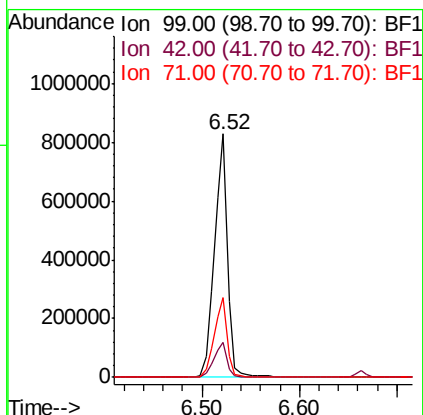
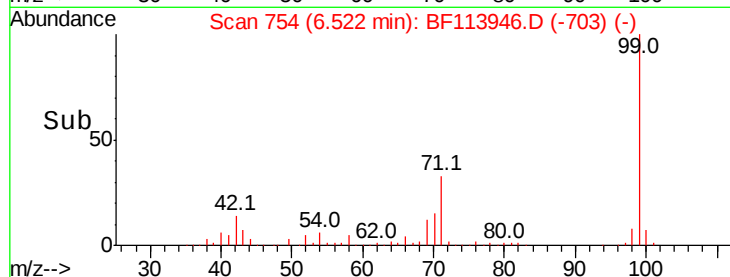
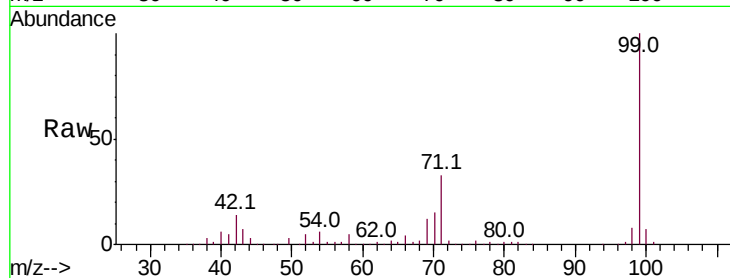
ClientSampleId :

CONCRETE-72-11991

Tot Ion:	99	Resp:	765063
Ion Ratio	Lower	Upper	
99	100		
42	14.3	12.5	18.7
71	32.9	26.9	40.3

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#21

Naphthalene-d8

Concen: 20.000 ng

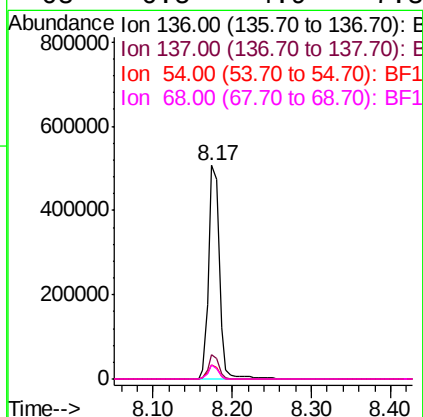
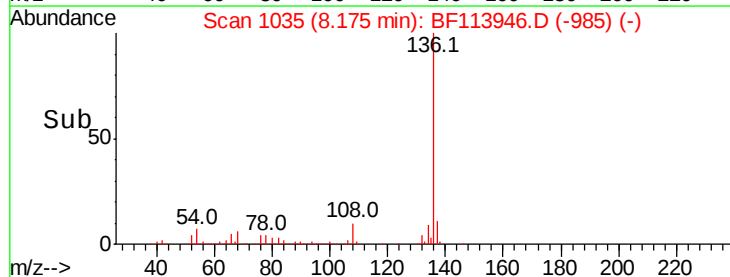
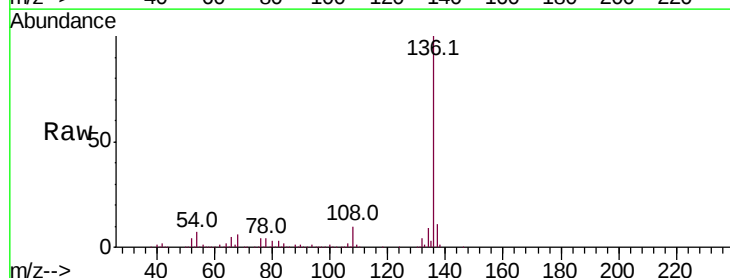
RT: 8.17 min Scan# 1035

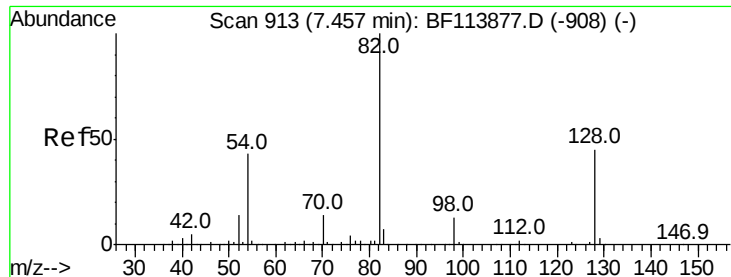
Delta R.T. -0.01 min

Lab File: BF113946.D

Acq: 24 Apr 2019 3:40

Tgt Ion:	136	Resp:	484690
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	12.8
54	6.7	5.0	7.6
68	6.5	4.9	7.3





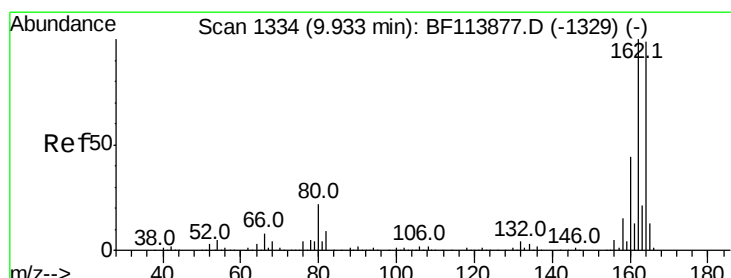
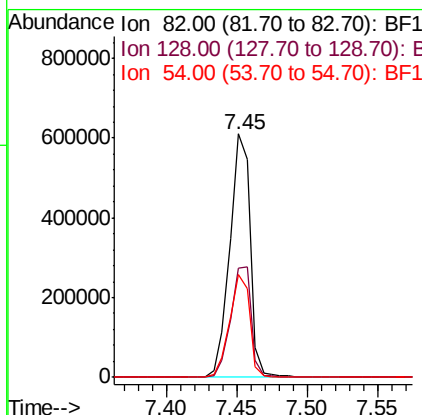
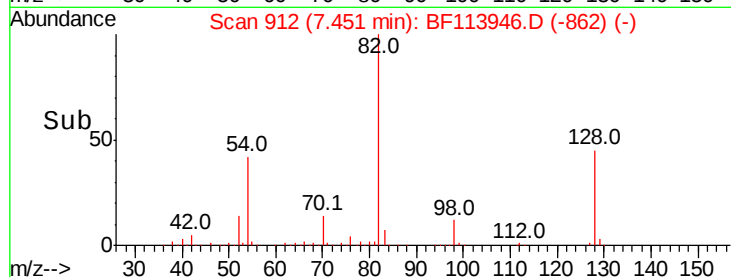
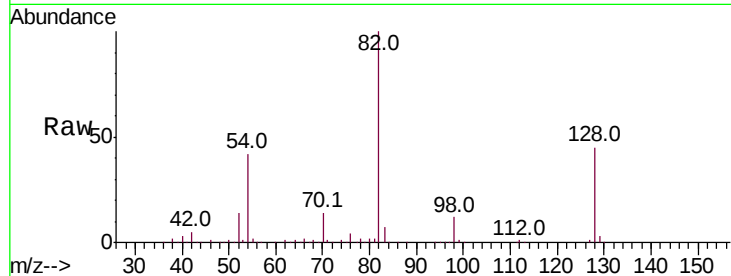
#23
Nitrobenzene-d5
Concen: 78.443 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF113946.D
Acq: 24 Apr 2019 3:40

Instrument :
BNA_F
ClientSampleId :
CONCRETE-72-11991

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.8	55.2
54	42.3	33.8	50.6

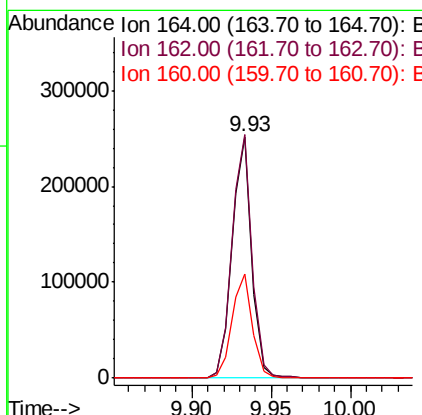
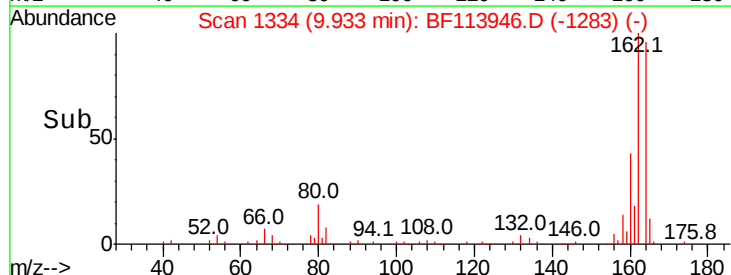
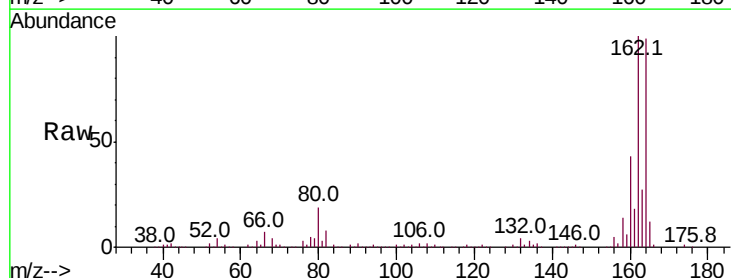
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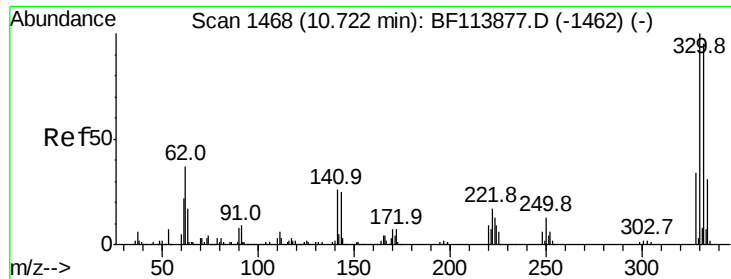
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113946.D
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Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.1	121.7
160	43.3	35.8	53.6





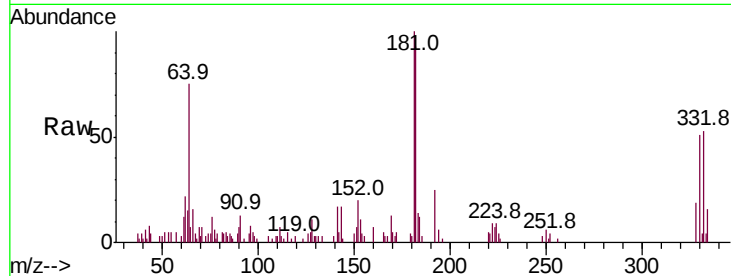
#42
 2,4,6-Tribromophenol
 Concen: 3.124 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. -0.01 min
 Lab File: BF113946.D
 Acq: 24 Apr 2019 3:40

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-72-11991

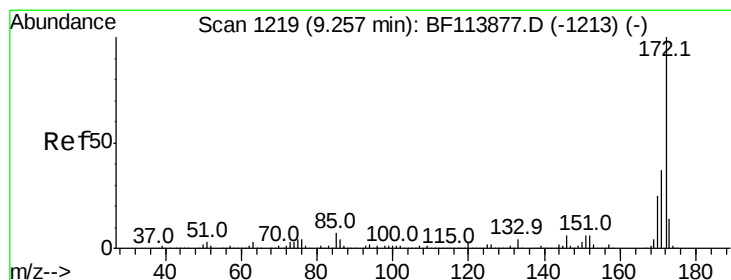
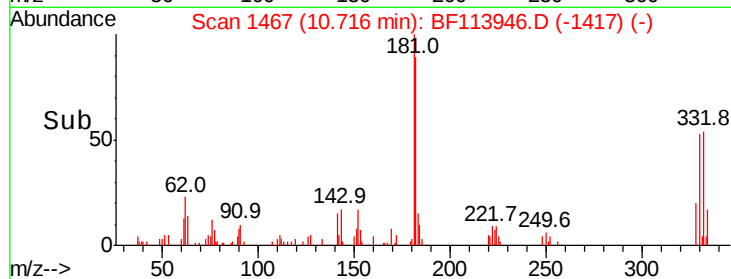
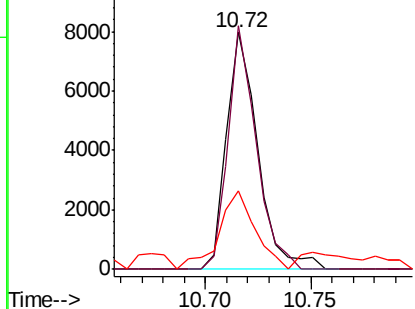
Tot Ion	Ratio	Lower	Upper
330	100		
332	92.4	77.5	116.3
141	38.3	22.2	33.2#

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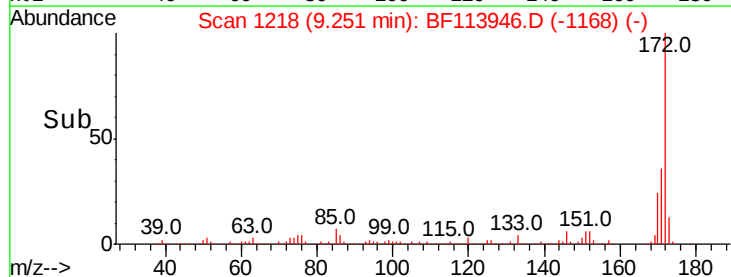
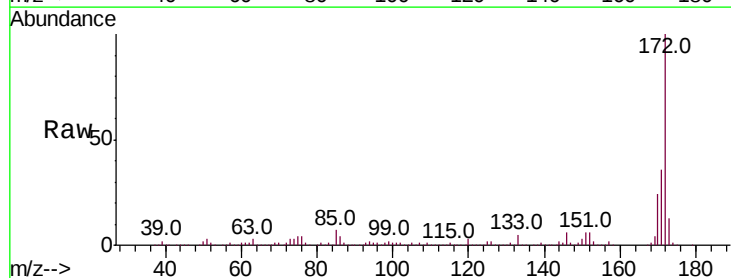
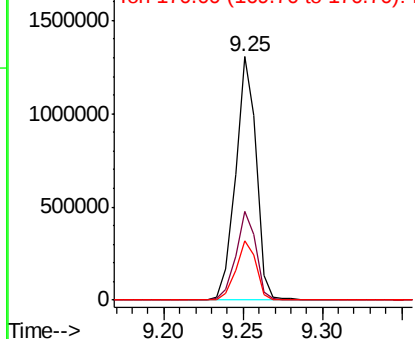
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

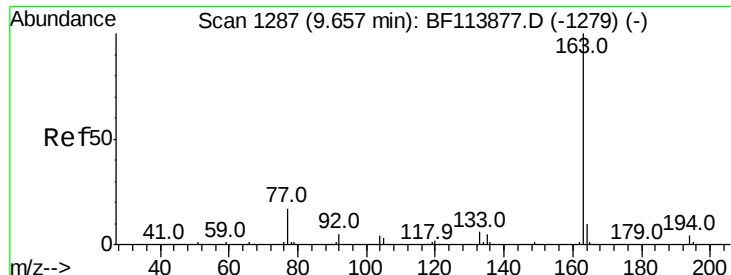


#45
 2-Fluorobiphenyl
 Concen: 86.294 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF113946.D
 Acq: 24 Apr 2019 3:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.2	19.9	29.9

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





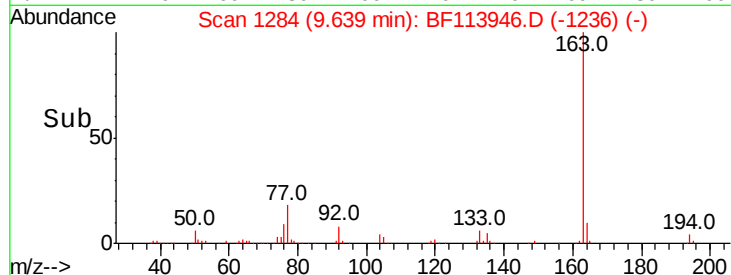
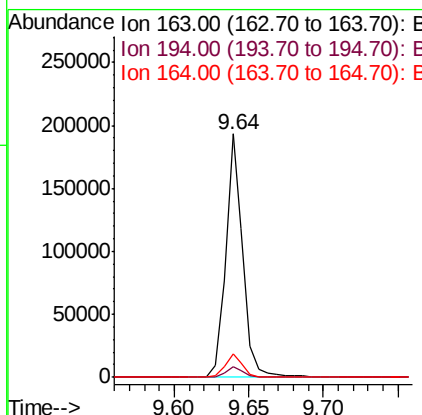
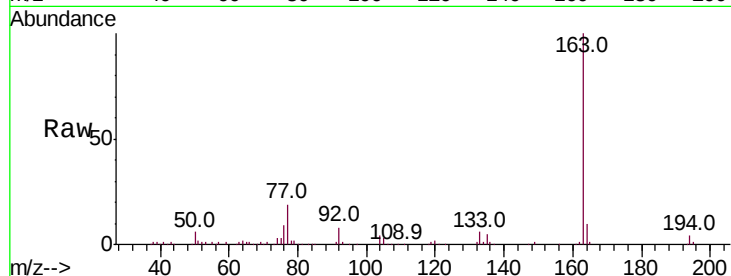
#50
Dimethylphthalate
Concen: 10.023 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.02 min
Lab File: BF113946.D
Acq: 24 Apr 2019 3:40

Instrument :
BNA_F
ClientSampleId :
CONCRETE-72-11991

Tot Ion	Ratio	Resp	Lower	Upper
163	100	155262		
194	4.2		3.4	5.2
164	9.8		8.5	12.7

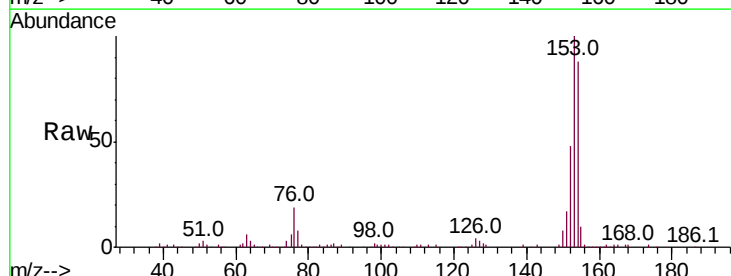
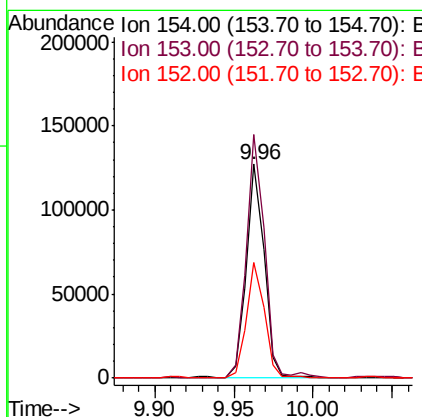
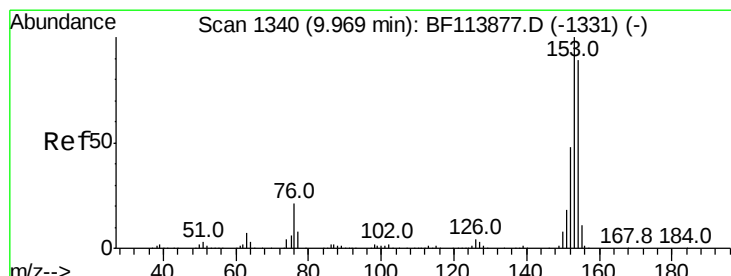
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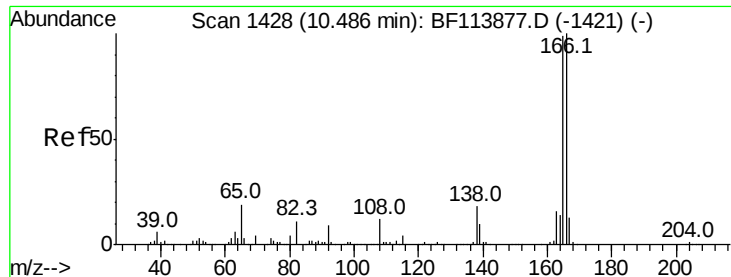
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#52
Acenaphthene
Concen: 8.144 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.01 min
Lab File: BF113946.D
Acq: 24 Apr 2019 3:40

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	100264		
153	114.0		87.2	130.8
152	54.4		42.3	63.5





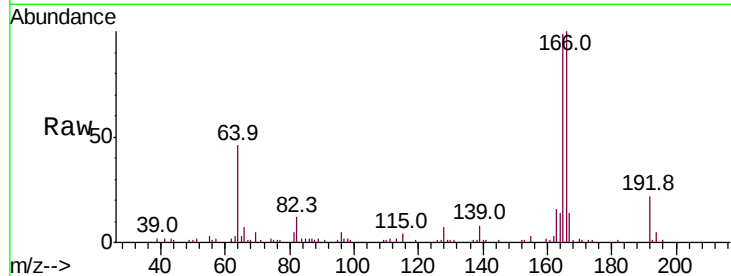
#58
 Fluorene
 Concen: 3.225 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF113946.D
 Acq: 24 Apr 2019 3:40

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-72-11991

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.4	117.6
167	13.8	10.9	16.3

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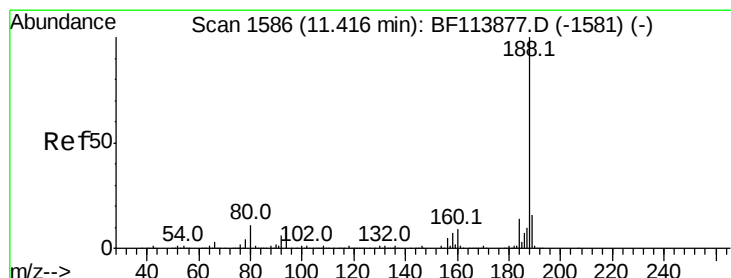
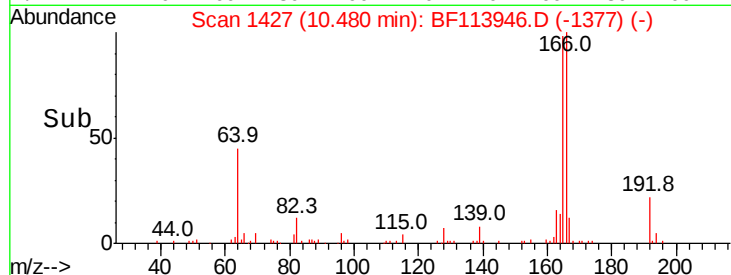
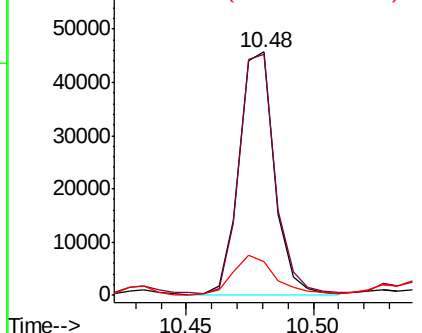


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: BF113946.D
 Acq: 24 Apr 2019 3:40

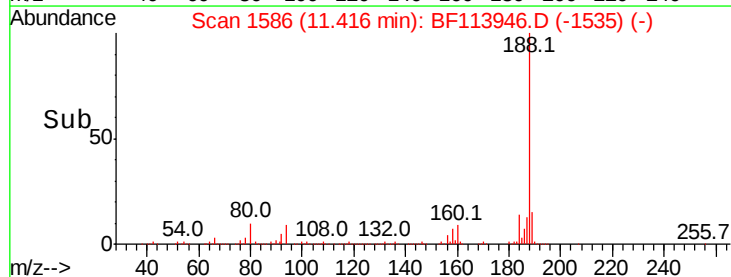
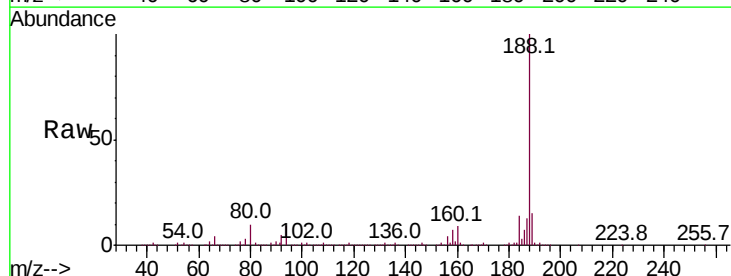
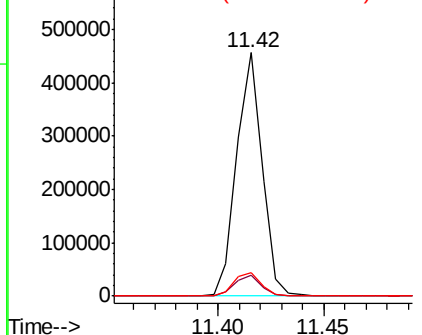
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.2	12.4
80	9.7	9.0	13.6

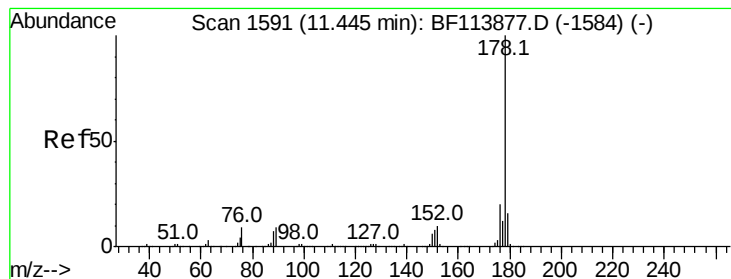
Abundance

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





#71

Phenanthrene

Concen: 4.978 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF113946.D

Acq: 24 Apr 2019 3:40

Instrument :

BNA_F

ClientSampleId :

CONCRETE-72-11991

Tot Ion:178 Resp: 94909

Ion Ratio Lower Upper

178 100

176 18.3 16.1 24.1

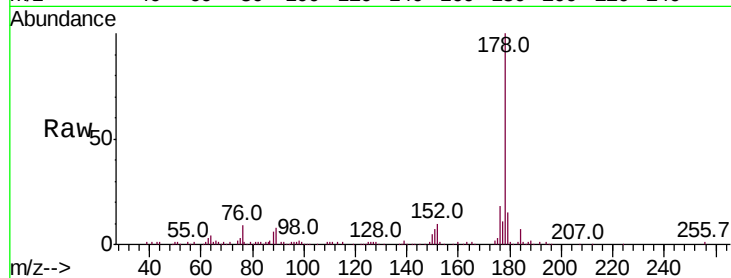
179 14.8 12.8 19.2

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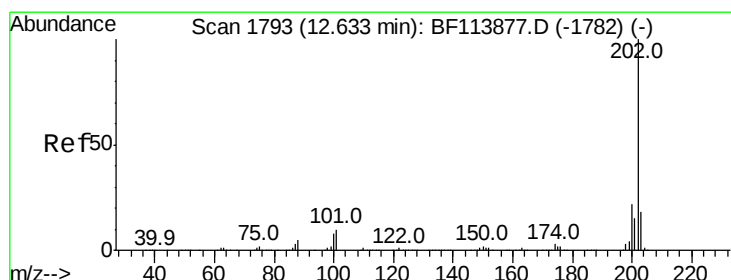
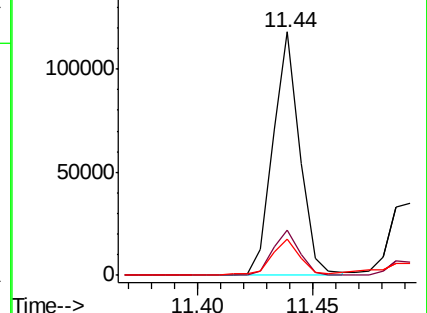
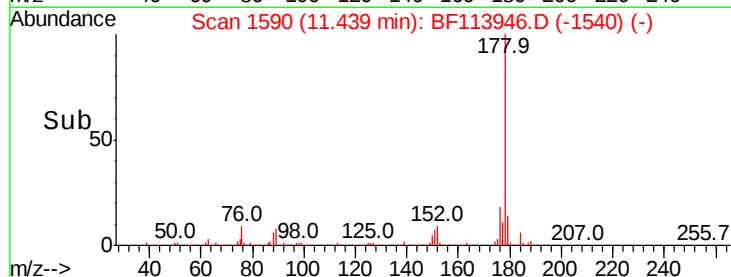
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 7.886 ng

RT: 12.64 min Scan# 1794

Delta R.T. 0.01 min

Lab File: BF113946.D

Acq: 24 Apr 2019 3:40

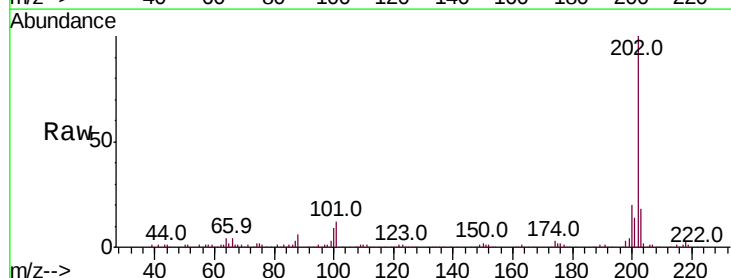
Tgt Ion:202 Resp: 164033

Ion Ratio Lower Upper

202 100

101 11.5 0.0 32.9

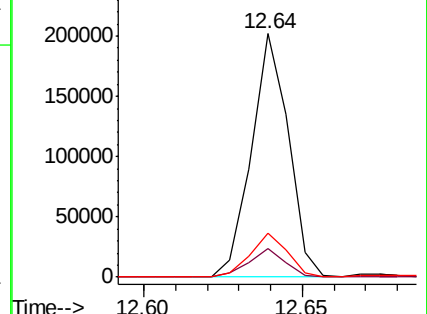
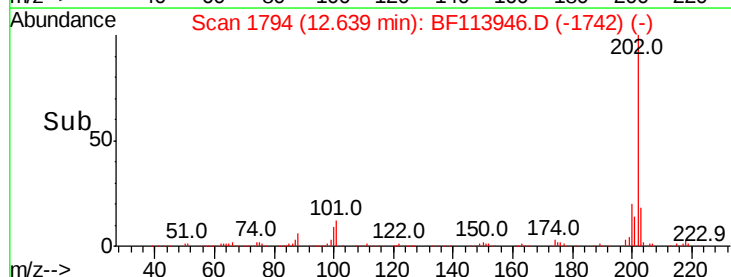
203 17.8 0.0 38.2

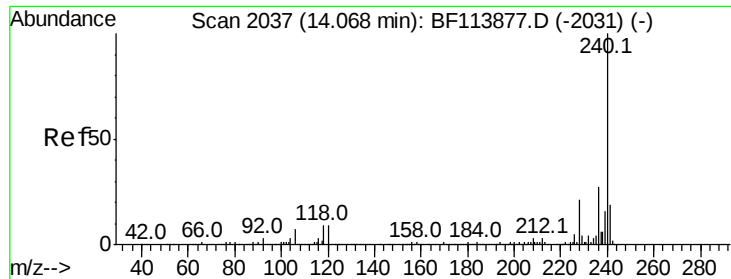


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





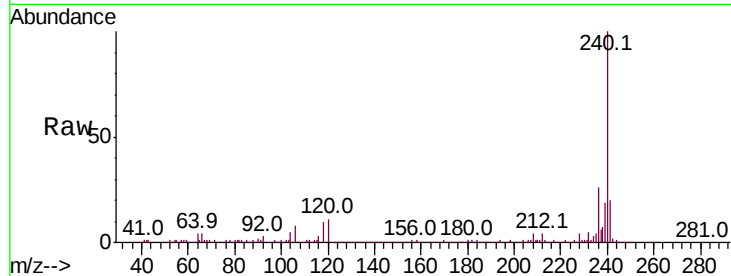
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. -0.02 min
Lab File: BF113946.D
Acq: 24 Apr 2019 3:40

Instrument :
BNA_F
ClientSampleId :
CONCRETE-72-11991

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.3	13.9
236	25.7	21.2	31.8

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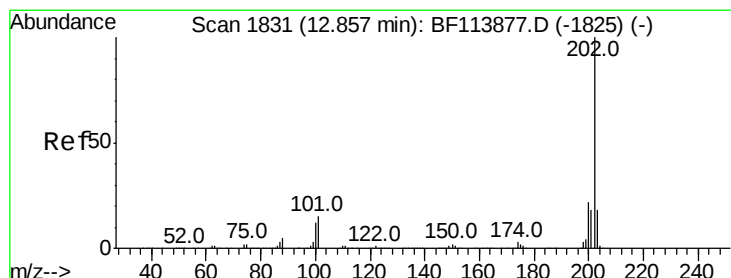
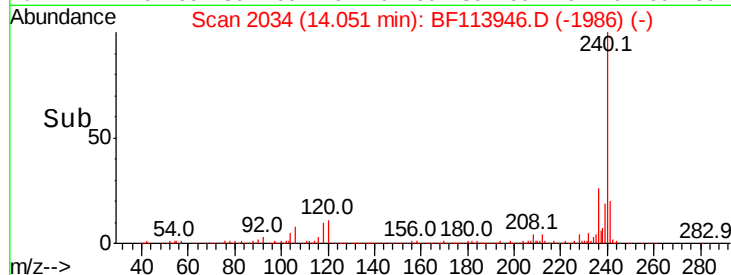
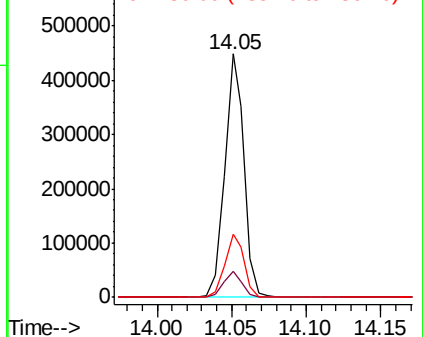


Abundance

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



#78
Pyrene
Concen: 4.682 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF113946.D
Acq: 24 Apr 2019 3:40

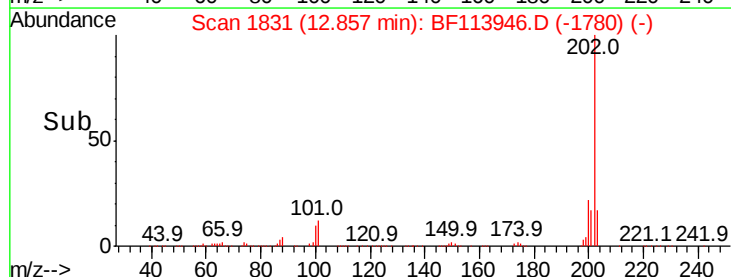
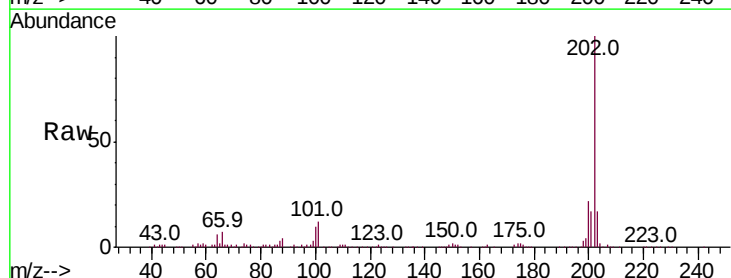
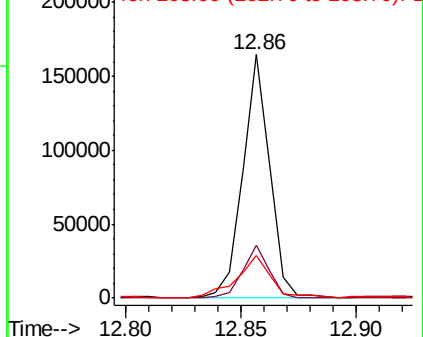
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.3	15.0	22.6

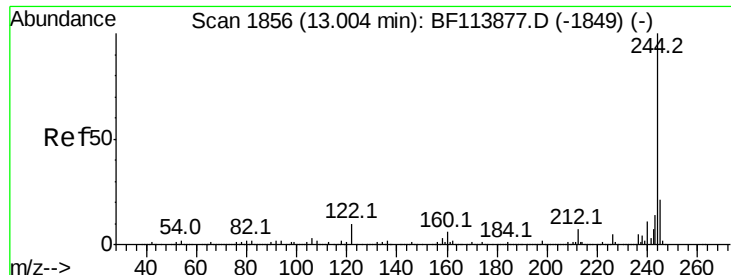
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





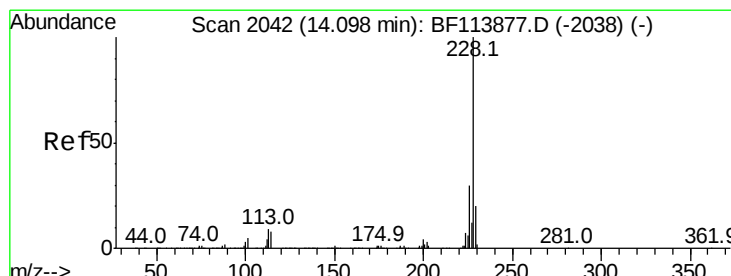
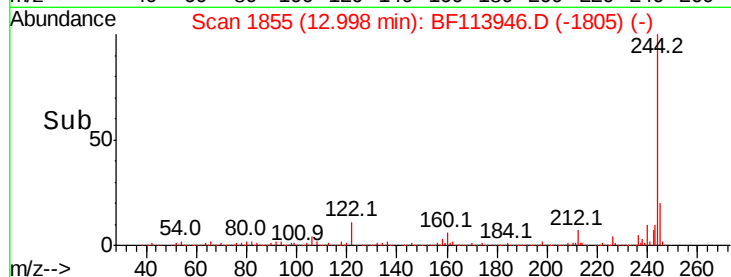
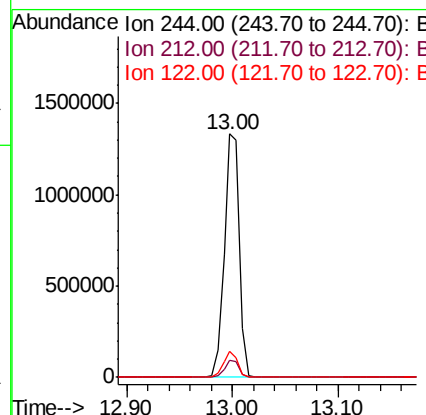
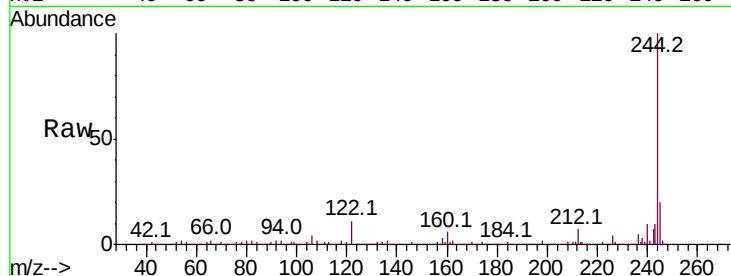
#79
 Terphenyl-d14
 Concen: 66.715 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF113946.D
 Acq: 24 Apr 2019 3:40

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-72-11991

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.8	7.6	11.4

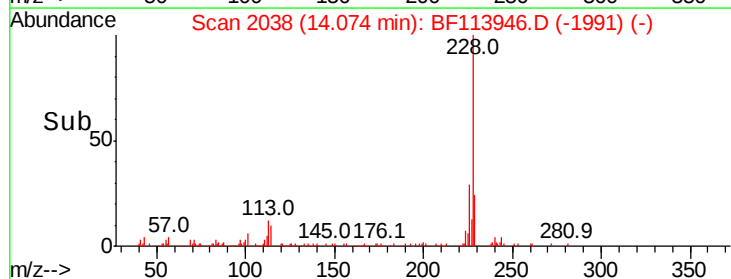
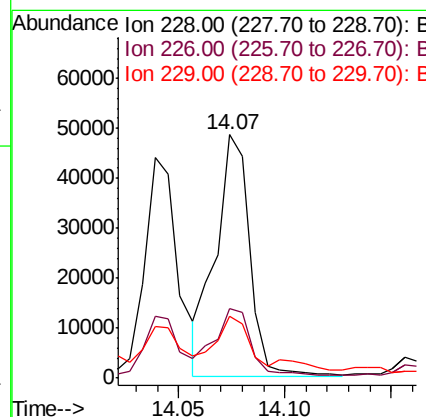
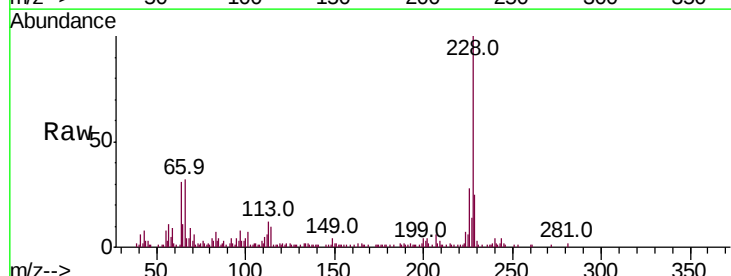
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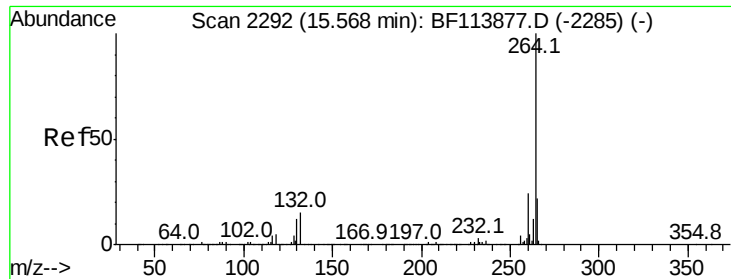
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#83
 Chrysene
 Concen: 2.330 ng m
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.02 min
 Lab File: BF113946.D
 Acq: 24 Apr 2019 3:40

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	25.2	37.8
229	25.4	16.7	25.1#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. -0.04 min

Lab File: BF113946.D

Acq: 24 Apr 2019 3:40

Instrument :

BNA_F

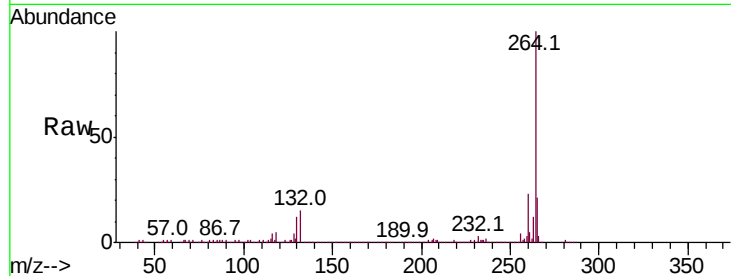
ClientSampleId :

CONCRETE-72-11991

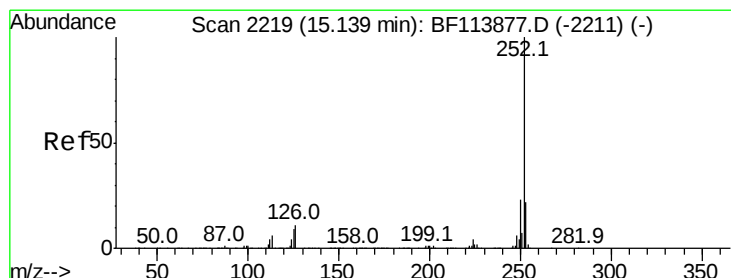
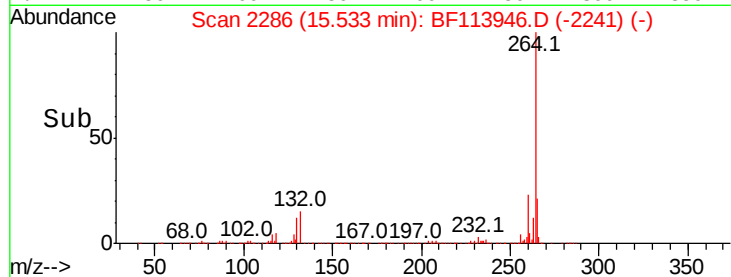
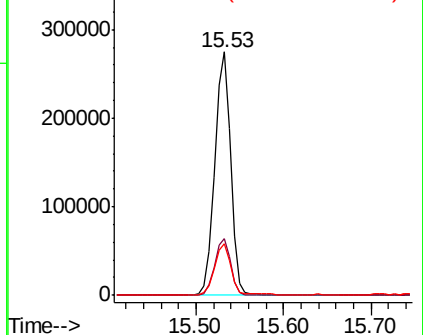
Tot Ion:	264	Resp:	348892
Ion Ratio	Lower	Upper	
264	100		
260	23.4	18.9	28.3
265	21.0	17.3	25.9

Manual Integrations
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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



#88

Benzo(b)fluoranthene

Concen: 2.168 ng m

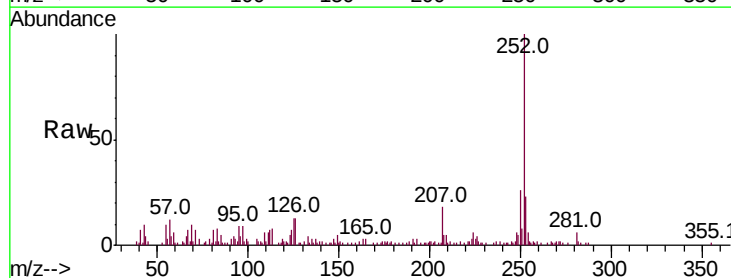
RT: 15.10 min Scan# 2212

Delta R.T. -0.04 min

Lab File: BF113946.D

Acq: 24 Apr 2019 3:40

Tgt Ion:	252	Resp:	47851
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.6
125	13.3	7.0	10.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

