

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
 Data File : BF112884.D
 Acq On : 6 Mar 2019 16:19
 Operator : JU/SJ
 Sample : K1729-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-10RE

Manual Integrations
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Sohil
 3/7/2019 5:29:42 PM

Quant Time: Mar 07 04:30:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	183039	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	699190	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	308756	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	542117	20.00	ng	0.00
76) Chrysene-d12	13.86	240	436661	20.00	ng	-0.01
87) Perylene-d12	15.27	264	494863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	162471	13.81	ng	0.00
7) Phenol-d6	6.36	99	784692	53.09	ng	0.00
23) Nitrobenzene-d5	7.29	82	742899	63.58	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	1760	0.54	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1379104	70.82	ng	-0.01
79) Terphenyl-d14	12.82	244	1168876	51.89	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.48	163	71976	3.162	ng	99
71) Phenanthrene	11.26	178	94550	3.505	ng	96
75) Fluoranthene	12.44	202	147889	5.118	ng	94
78) Pyrene	12.67	202	112037	3.044	ng	97
88) Benzo(b)fluoranthene	14.87	252	82674m	2.583	ng	

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

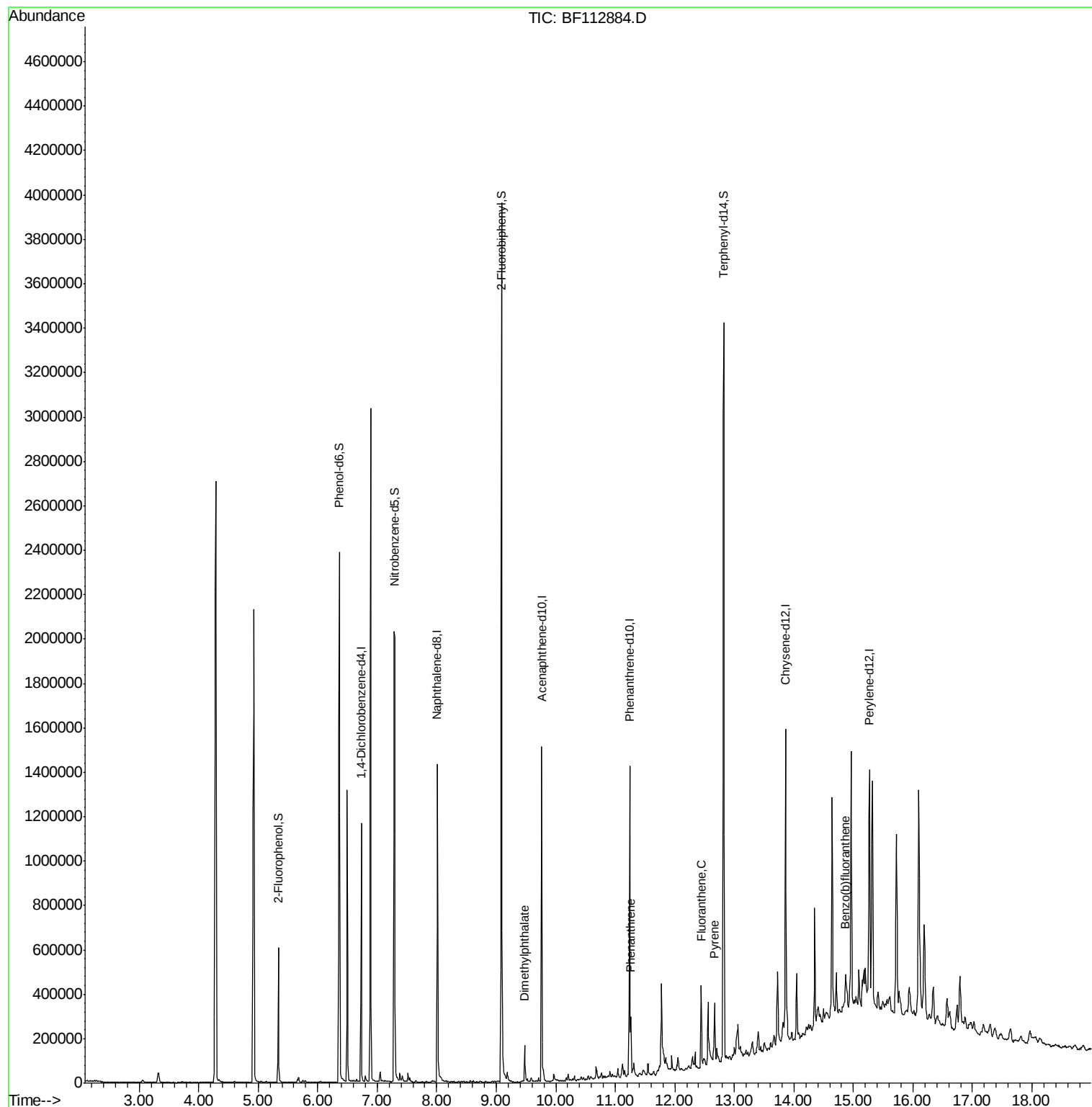
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030619\
Data File : BF112884.D
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Sample : K1729-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

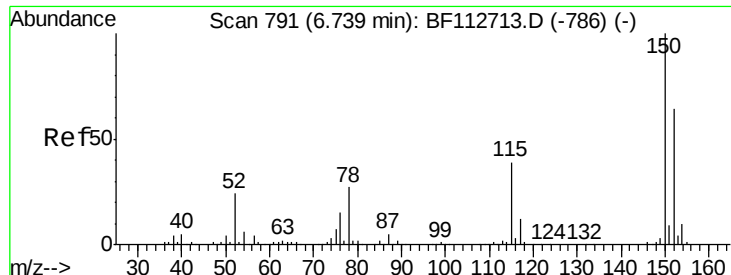
Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10RE

Manual Integrations
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3/7/2019 5:29:42 PM

Quant Time: Mar 07 04:30:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 15:40:43 2019
Response via : Initial Calibration





#1

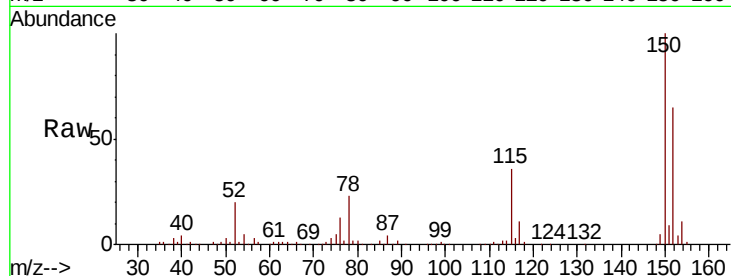
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF112884.D
Acq: 6 Mar 2019 16:19

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.2	186.2
115	56.4	48.2	72.4

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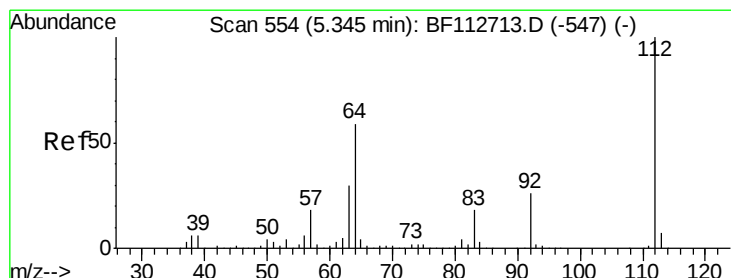
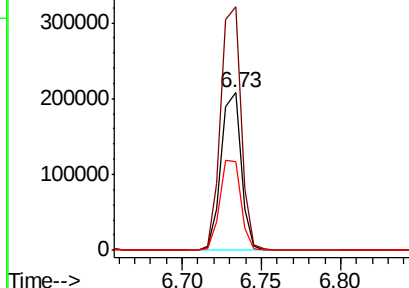
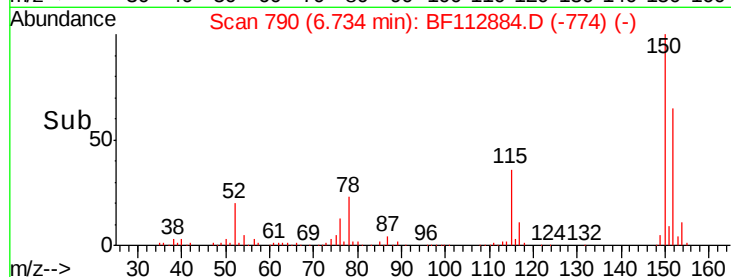


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

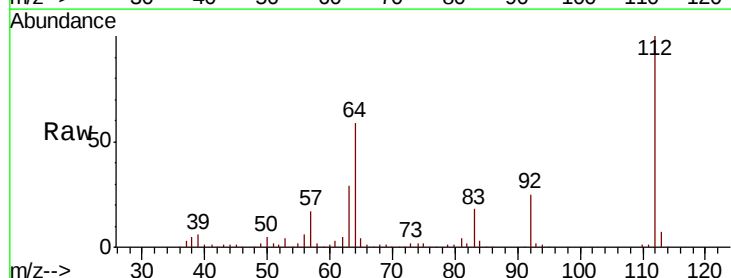
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 13.807 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF112884.D
Acq: 6 Mar 2019 16:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	47.6	71.4
63	29.1	24.4	36.6

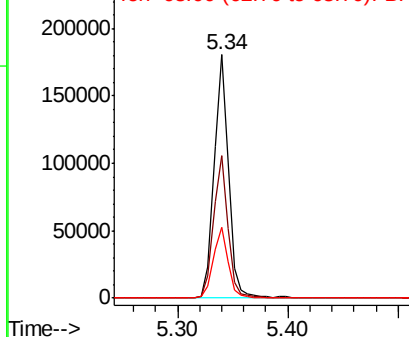
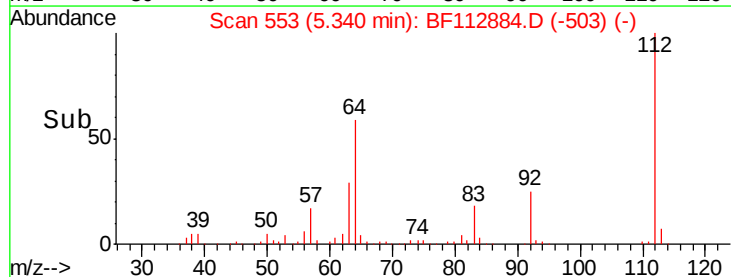


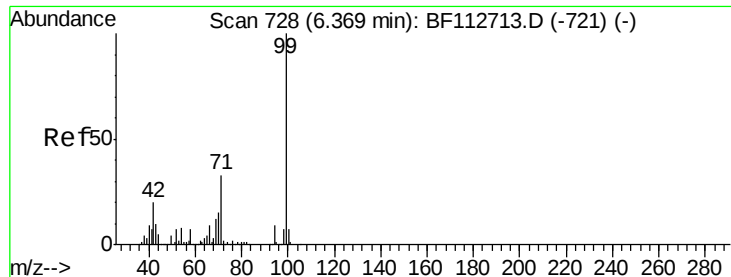
Abundance

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: 53.087 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112884.D

Acq: 6 Mar 2019 16:19

Instrument :

BNA_F

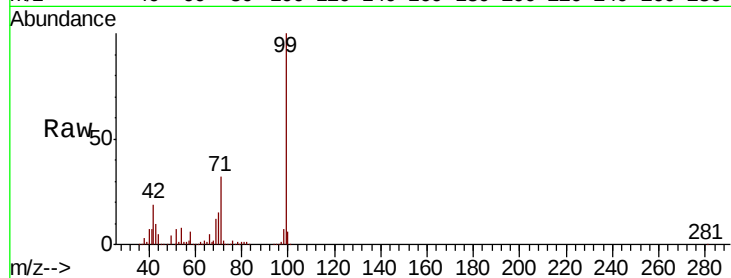
ClientSampleId :

RICH-REC-ROAD-STONE-10RE

Tot Ion:	99	Resp:	784692
Ion Ratio	Lower	Upper	
99	100		
42	19.0	16.3	24.5
71	32.1	26.2	39.4

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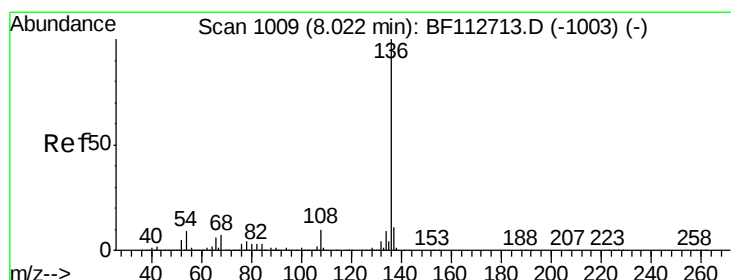
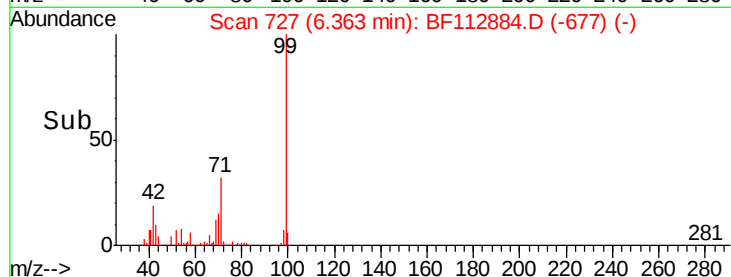
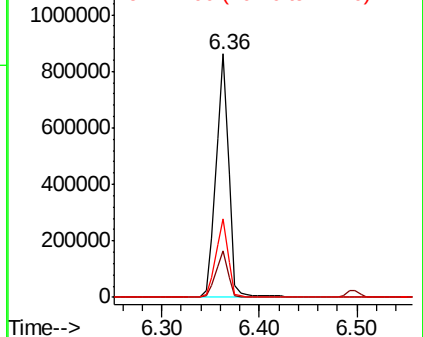


Abundance

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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF112884.D

Acq: 6 Mar 2019 16:19

Tgt Ion:	136	Resp:	699190
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.9	13.3
54	8.4	7.3	10.9
68	6.0	5.4	8.2

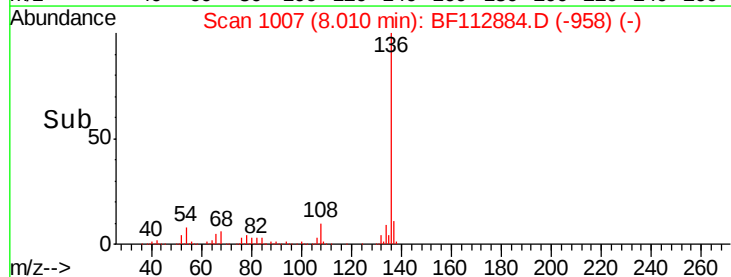
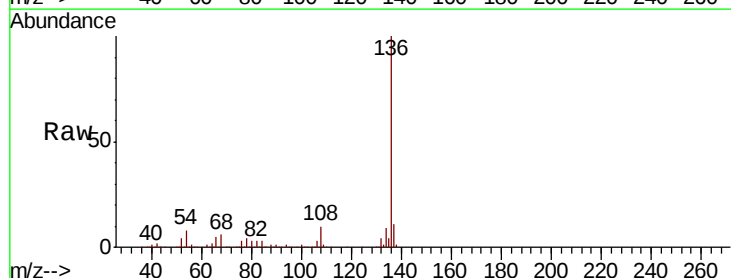
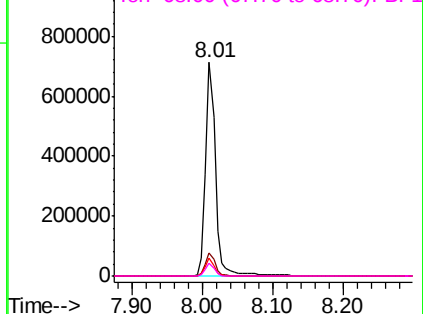
Abundance

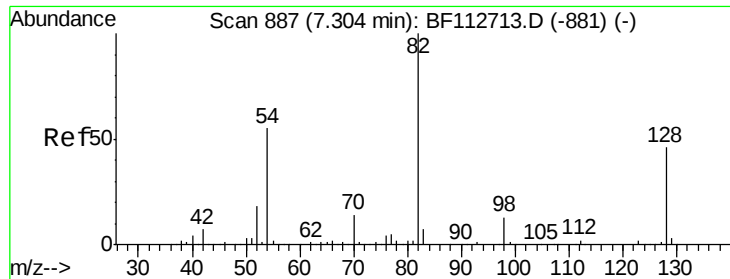
Ion 136.00 (135.70 to 136.70): E

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





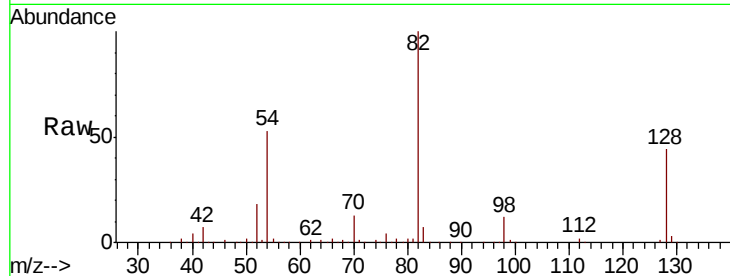
#23
Nitrobenzene-d5
Concen: 63.579 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF112884.D
Acq: 6 Mar 2019 16:19

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10RE

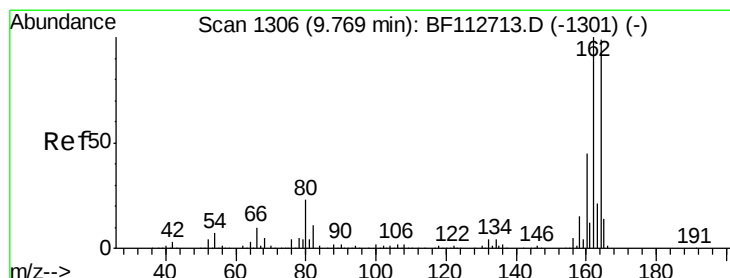
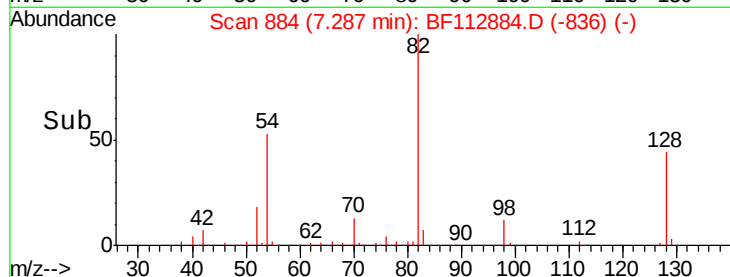
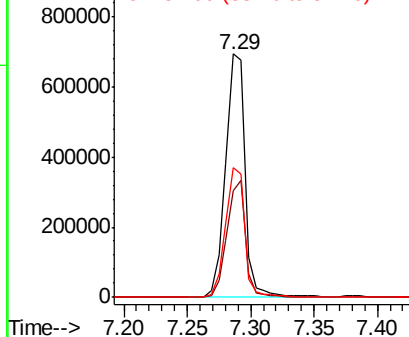
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	36.3	54.5
54	53.2	43.7	65.5

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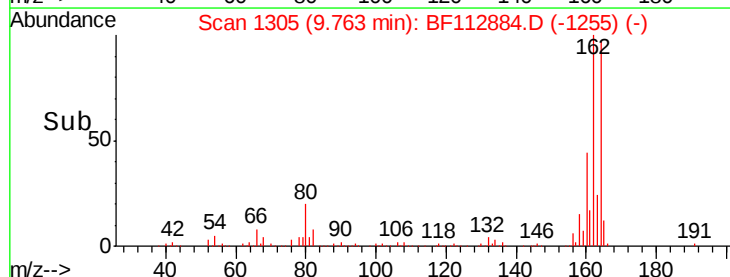
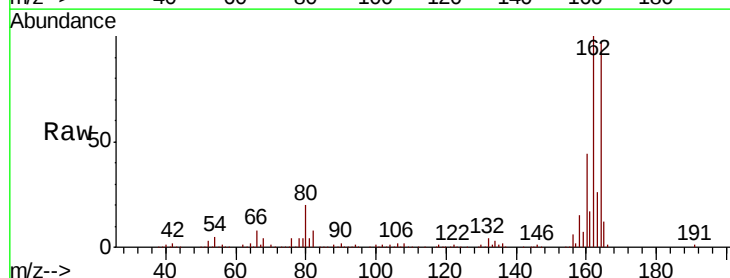
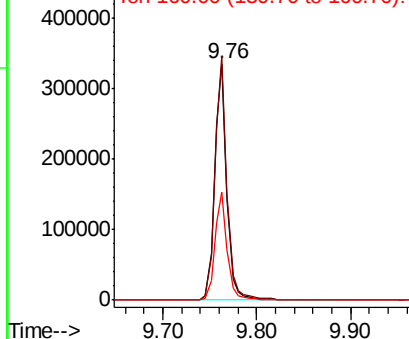
Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

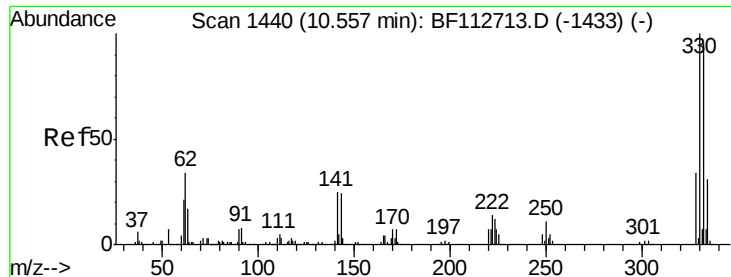


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF112884.D
Acq: 6 Mar 2019 16:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.6	120.8
160	45.8	36.0	54.0

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: 0.537 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF112884.D

Acq: 6 Mar 2019 16:19

Instrument :

BNA_F

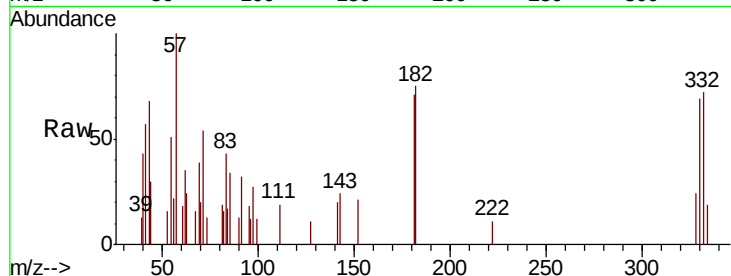
ClientSampleId :

RICH-REC-ROAD-STONE-10RE

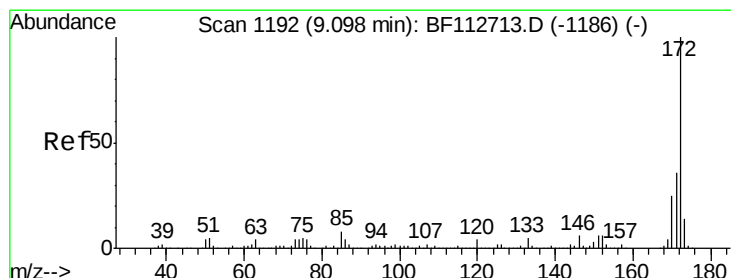
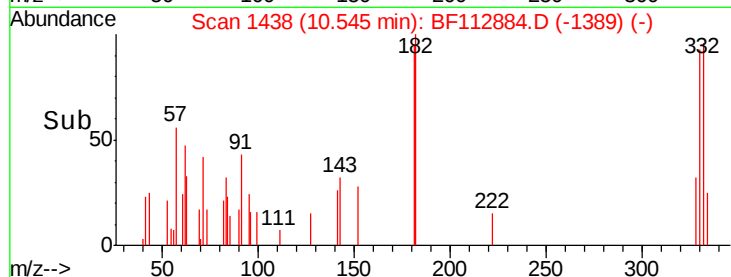
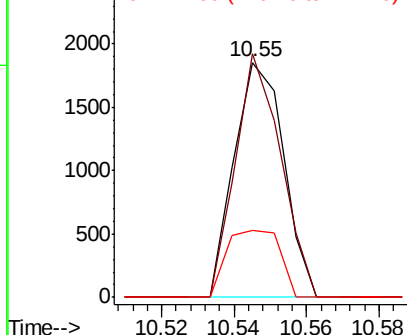
Tot Ion:	330	Resp:	1760
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.2	114.4
141	30.6	27.0	40.6

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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: 70.820 ng

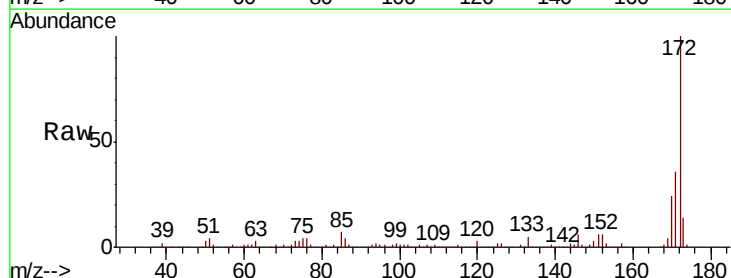
RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

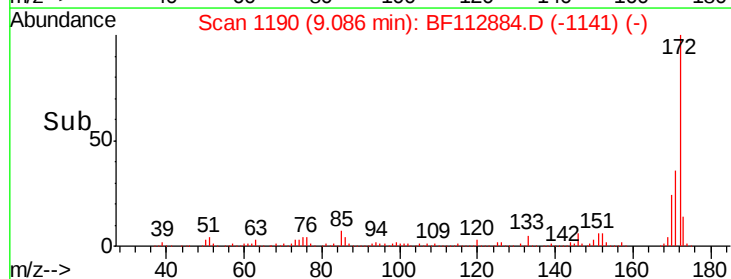
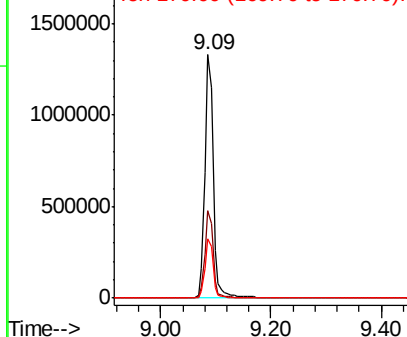
Lab File: BF112884.D

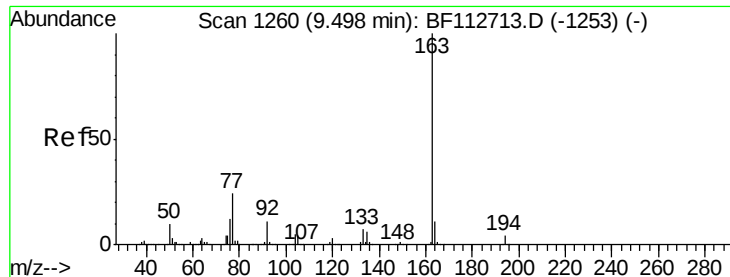
Acq: 6 Mar 2019 16:19

Tgt Ion:	172	Resp:	1379104
Ion Ratio	Lower	Upper	
172	100		
171	35.9	29.0	43.4
170	24.1	20.0	30.0



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: 3.162 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF112884.D

Acq: 6 Mar 2019 16:19

Instrument :

BNA_F

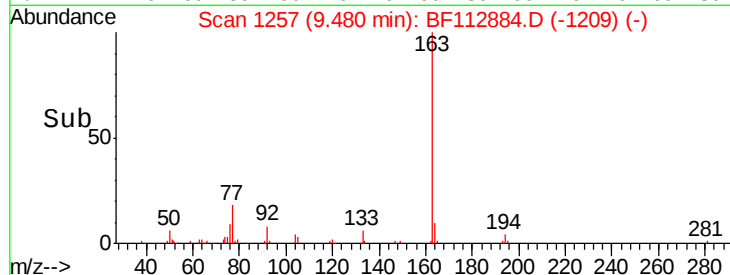
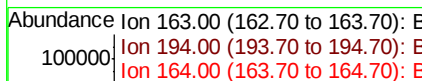
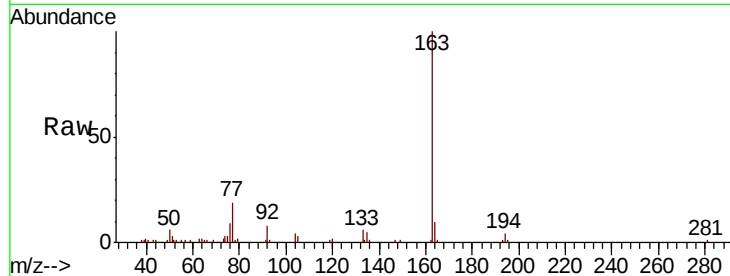
ClientSampleId :

RICH-REC-ROAD-STONE-10RE

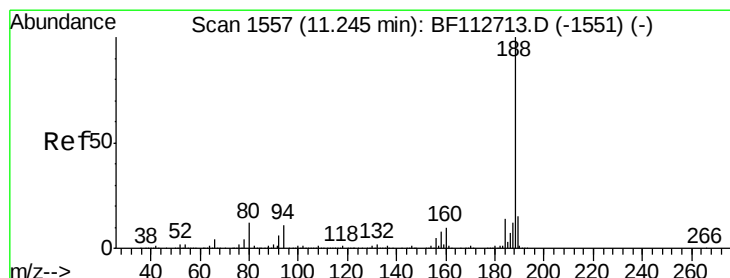
Tot Ion:	163	Resp:	71976
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.0	4.4
164	10.2	8.4	12.6

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Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

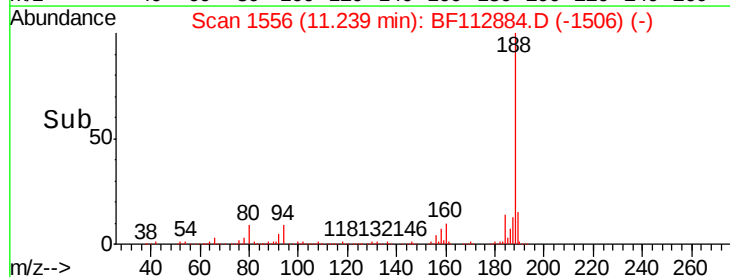
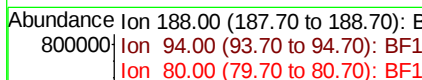
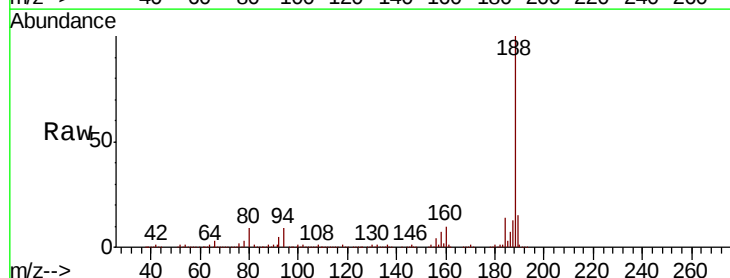
RT: 11.24 min Scan# 1556

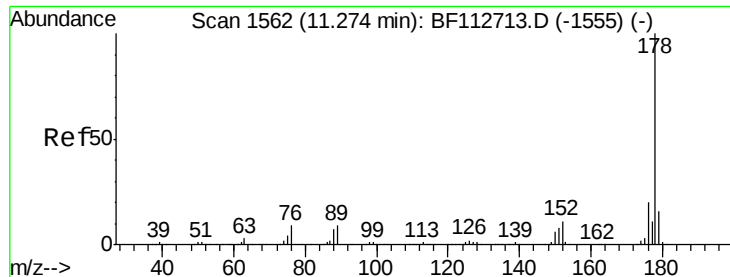
Delta R.T. -0.01 min

Lab File: BF112884.D

Acq: 6 Mar 2019 16:19

Tgt Ion:	188	Resp:	542117
Ion Ratio	Lower	Upper	
188	100		
94	9.0	9.0	13.4
80	8.8	9.2	13.8#





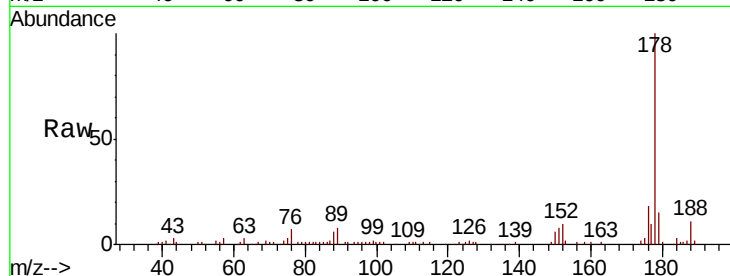
#71
Phenanthrene
Concen: 3.505 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF112884.D
Acq: 6 Mar 2019 16:19

Instrument :
BNA_F
ClientSampleId :
RICH-REC-ROAD-STONE-10RE

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.0	16.3	24.5
179	14.6	12.7	19.1

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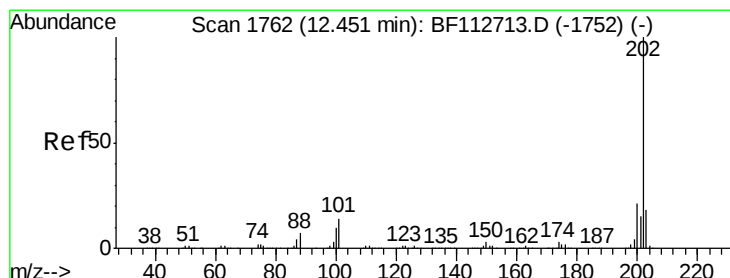
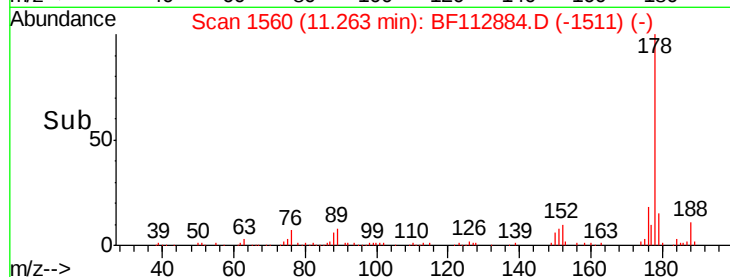
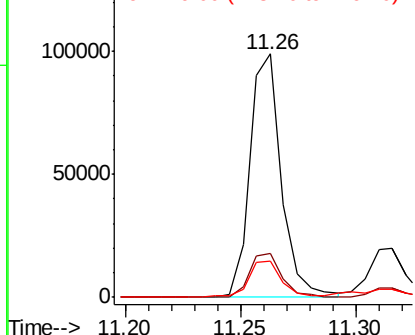


Abundance

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: 5.118 ng
RT: 12.44 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF112884.D
Acq: 6 Mar 2019 16:19

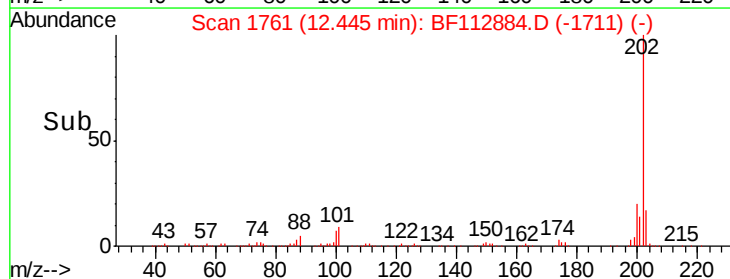
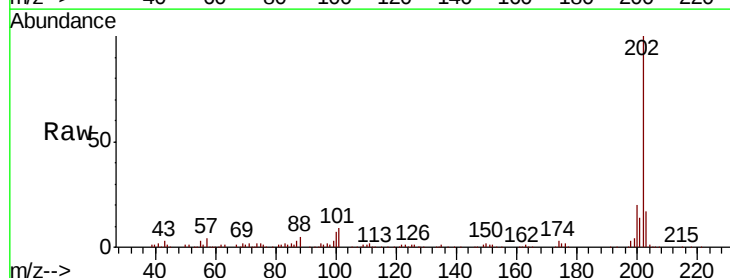
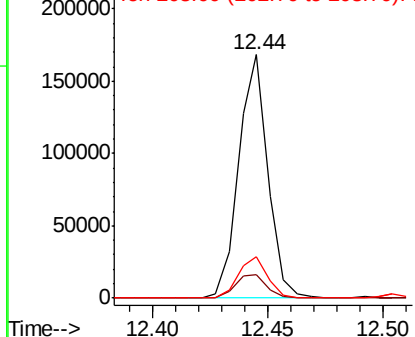
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	33.8
203	17.1	0.0	38.4

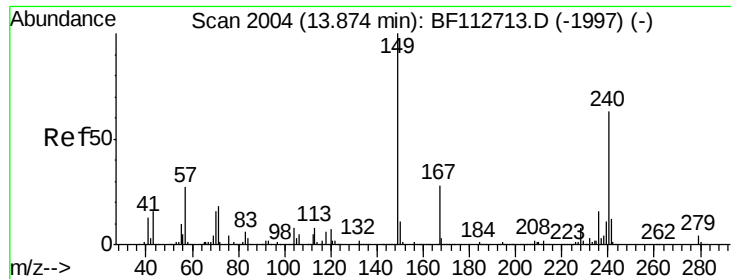
Abundance

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: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF112884.D

Acq: 6 Mar 2019 16:19

Instrument :

BNA_F

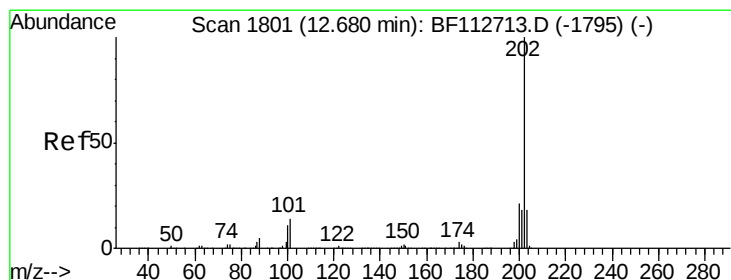
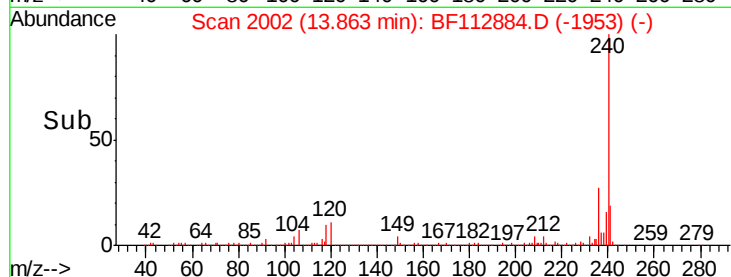
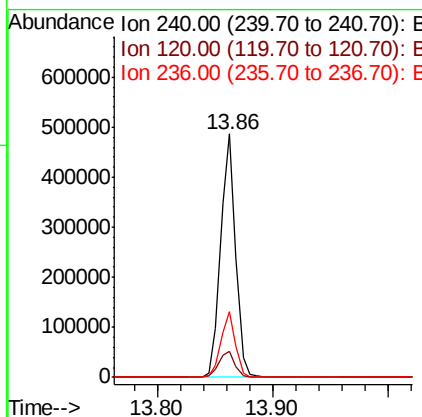
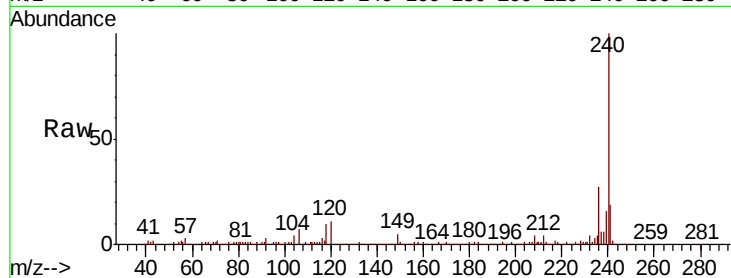
ClientSampleId :

RICH-REC-ROAD-STONE-10RE

Tot Ion:	240	Resp:	436661
Ion Ratio		Lower	Upper
240	100		
120	10.7	8.9	13.3
236	27.0	20.7	31.1

Manual Integrations
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3/7/2019 5:29:42 PM



#78

Pyrene

Concen: 3.044 ng

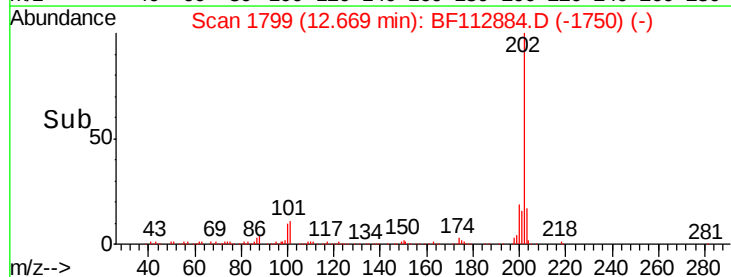
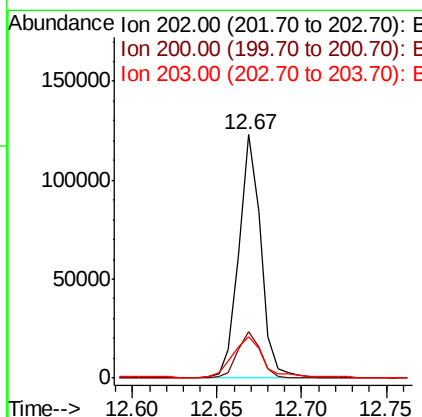
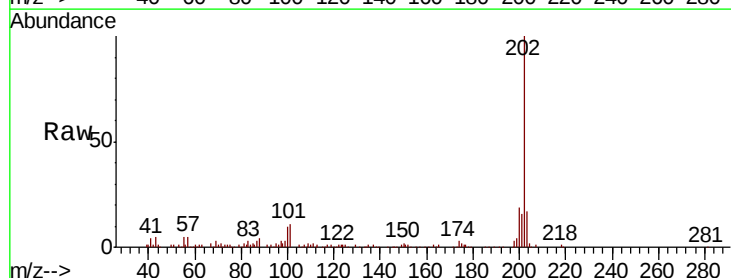
RT: 12.67 min Scan# 1799

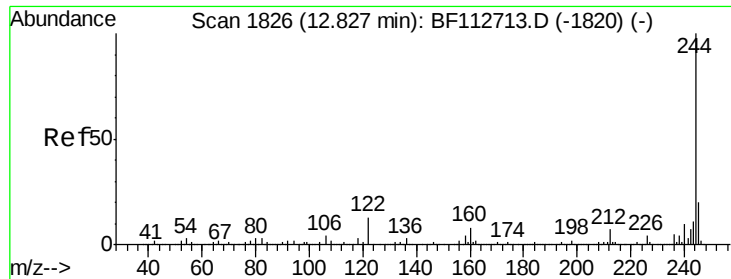
Delta R.T. -0.01 min

Lab File: BF112884.D

Acq: 6 Mar 2019 16:19

Tgt Ion:	202	Resp:	112037
Ion Ratio		Lower	Upper
202	100		
200	19.3	17.0	25.4
203	17.0	14.4	21.6





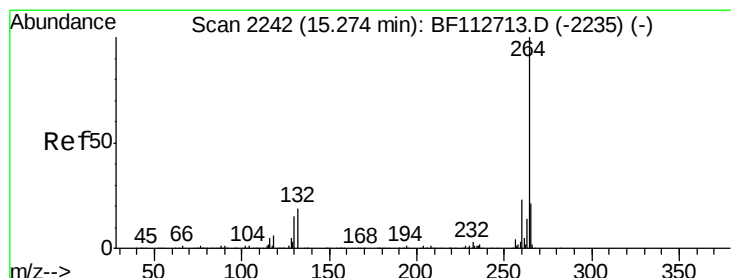
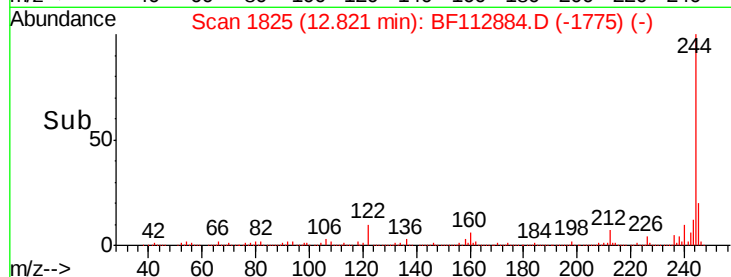
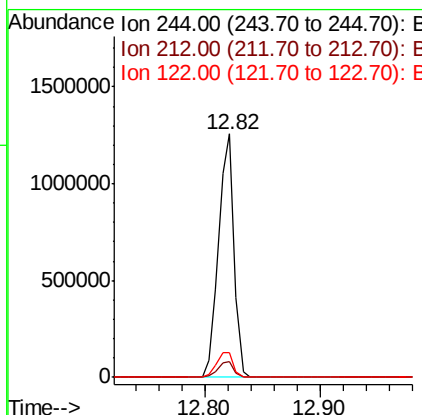
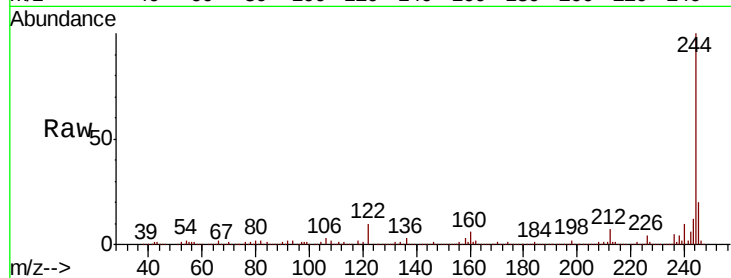
#79
 Terphenyl-d14
 Concen: 51.891 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.01 min
 Lab File: BF112884.D
 Acq: 6 Mar 2019 16:19

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-10RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.6	8.4
122	10.3	10.5	15.7

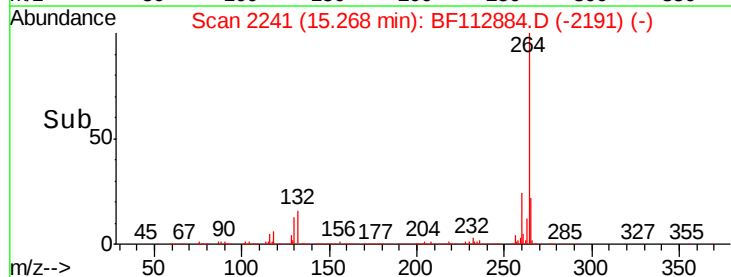
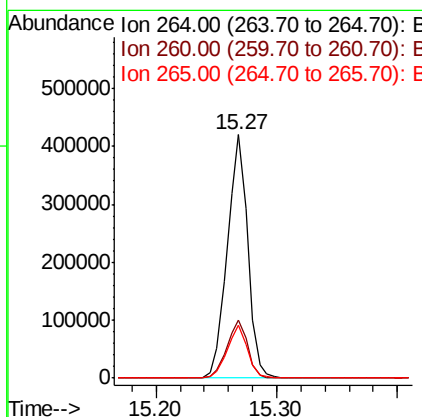
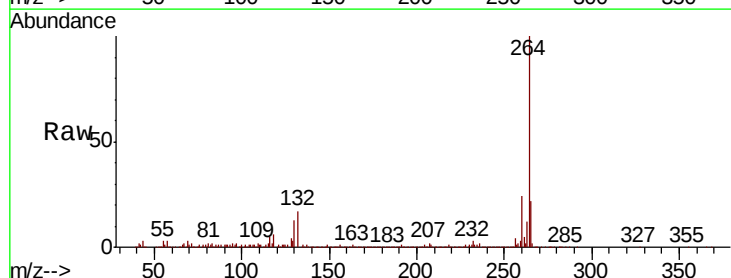
Manual Integrations
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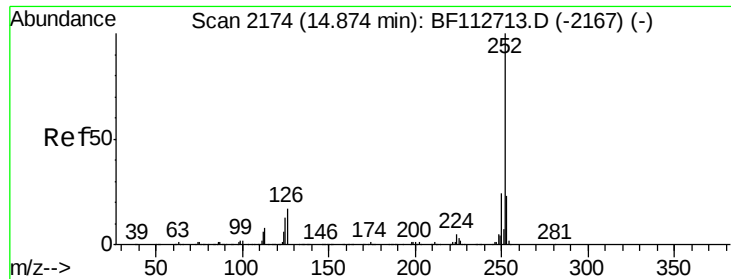
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF112884.D
 Acq: 6 Mar 2019 16:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.7	28.1
265	21.6	17.2	25.8





#88
 Benzo(b)fluoranthene
 Concen: 2.583 ng m
 RT: 14.87 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF112884.D
 Acq: 6 Mar 2019 16:19

Instrument :
 BNA_F
 ClientSampleId :
 RICH-REC-ROAD-STONE-10RE

Tot Ion:	252	Resp:	82674
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	15.3	10.2	15.2#

Manual Integrations
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