

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
 Data File : BF114868.D
 Acq On : 6 Jun 2019 18:04
 Operator : HP/JU
 Sample : K3216-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONCRETE-COMP-2

Manual Integrations
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Quant Time: Jun 07 02:18:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 04 16:57:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	465373	20.00	ng	0.00
21) Naphthalene-d8	7.95	136	1820532	20.00	ng	0.00
39) Acenaphthene-d10	9.70	164	898080	20.00	ng	0.00
64) Phenanthrene-d10	11.17	188	1612394	20.00	ng	0.00
76) Chrysene-d12	13.79	240	1024194	20.00	ng	0.00
87) Perylene-d12	15.18	264	948958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	67377	2.53	ng	0.01
7) Phenol-d6	6.30	99	602505	18.59	ng	0.00
23) Nitrobenzene-d5	7.23	82	1720590	58.18	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	2056	0.21	ng	0.00
45) 2-Fluorobiphenyl	9.03	172	3176197	66.25	ng	0.00
79) Terphenyl-d14	12.76	244	3042197	57.77	ng	0.00
Target Compounds						
25) Isophorone	7.49	82	235446	4.027	ng	98
50) Dimethylphthalate	9.42	163	583858	8.901	ng	99
71) Phenanthrene	11.19	178	441442	5.735	ng	96
75) Fluoranthene	12.37	202	520047	6.491	ng	95
78) Pyrene	12.60	202	463937	5.222	ng	96
81) Benzo(a)anthracene	13.78	228	180232	2.284	ng	99
83) Chrysene	13.82	228	177420	2.311	ng	96
88) Benzo(b)fluoranthene	14.79	252	216444m	3.583	ng	
90) Benzo(a)pyrene	15.12	252	137885	2.637	ng	# 95

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

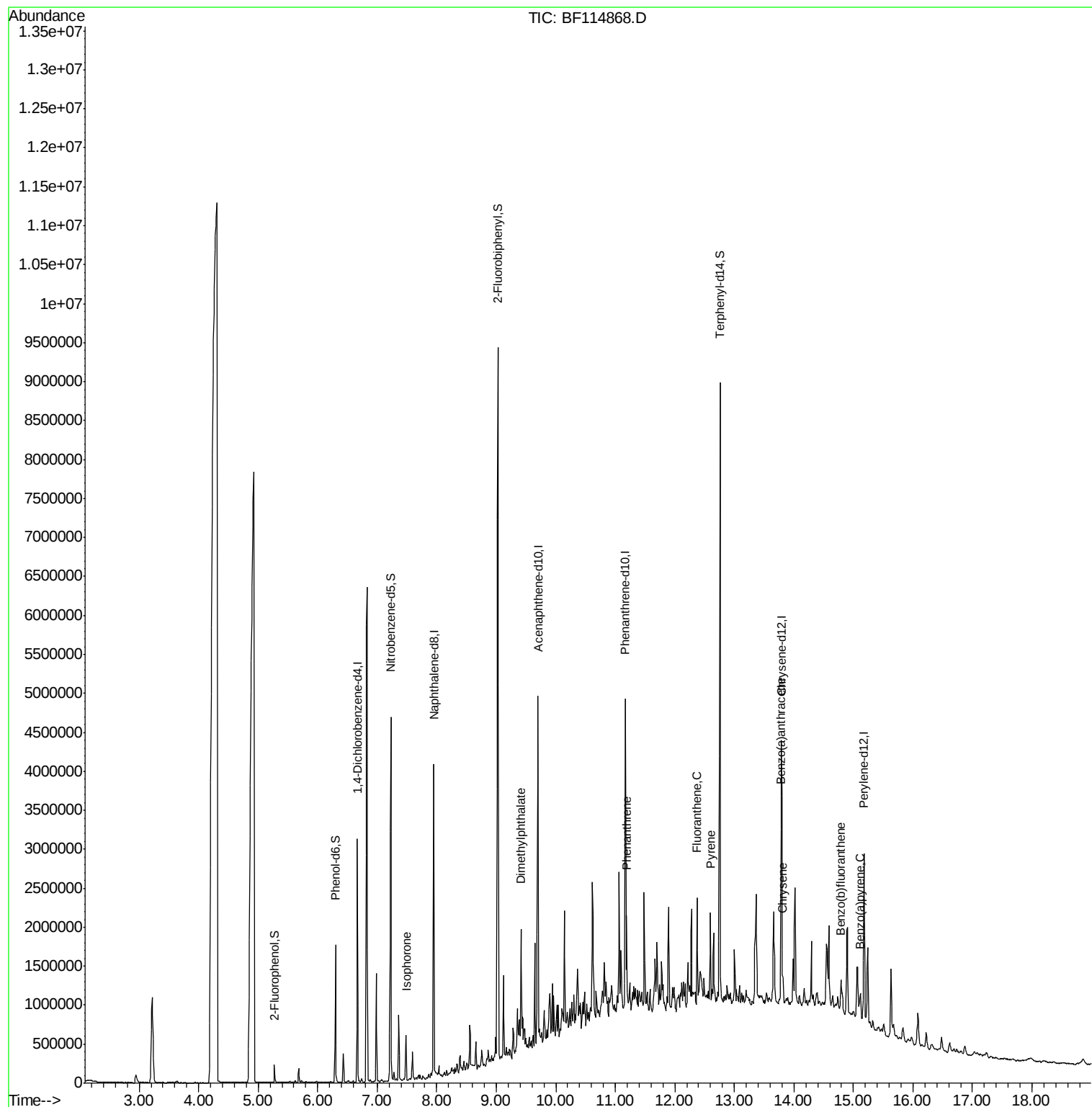
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060619\
Data File : BF114868.D
Acq On : 6 Jun 2019 18:04
Operator : HP/JU
Sample : K3216-03
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#1

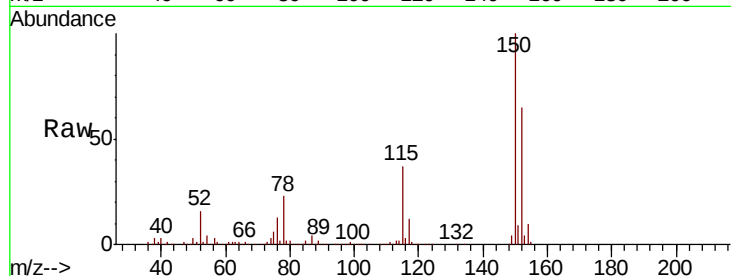
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 779
Delta R.T. 0.00 min
Lab File: BF114868.D
Acq: 6 Jun 2019 18:04

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.0	186.0
115	56.9	46.3	69.5

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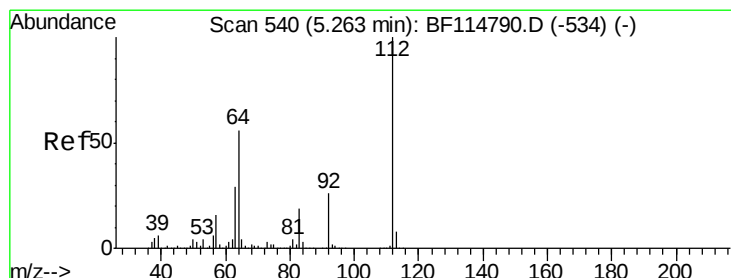
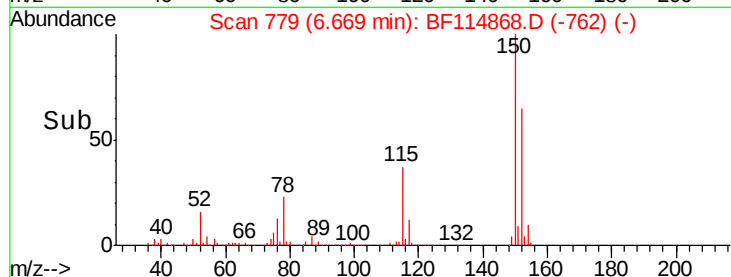
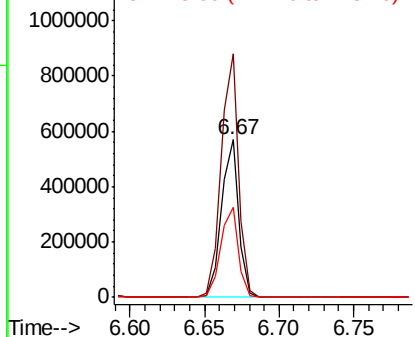


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

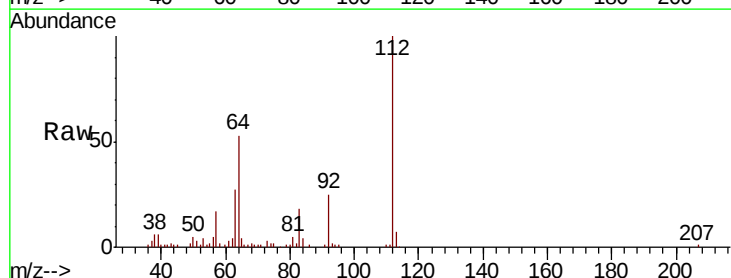
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 2.530 ng
RT: 5.27 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF114868.D
Acq: 6 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.9	44.6	66.8
63	27.0	23.0	34.4

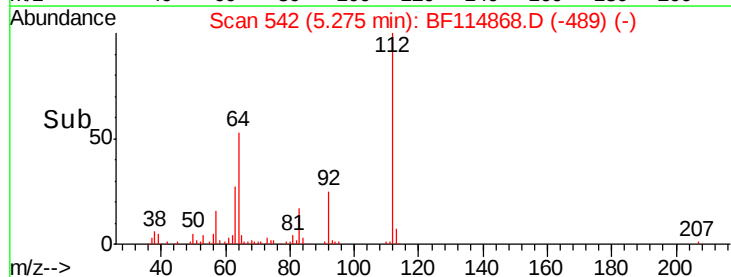
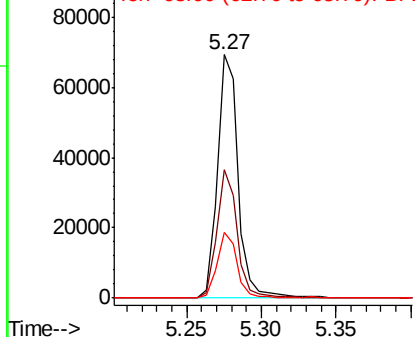


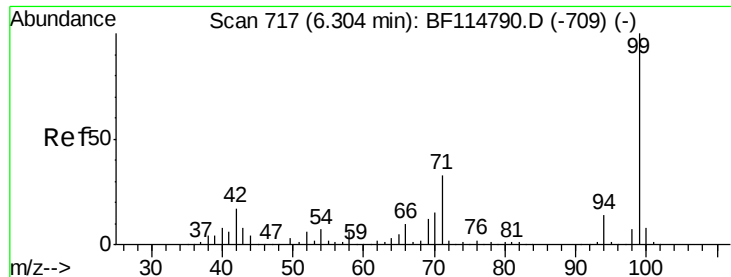
Abundance

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: 18.592 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BF114868.D

Acq: 6 Jun 2019 18:04

Instrument :

BNA_F

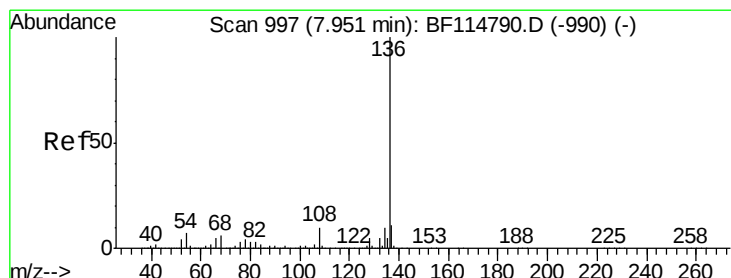
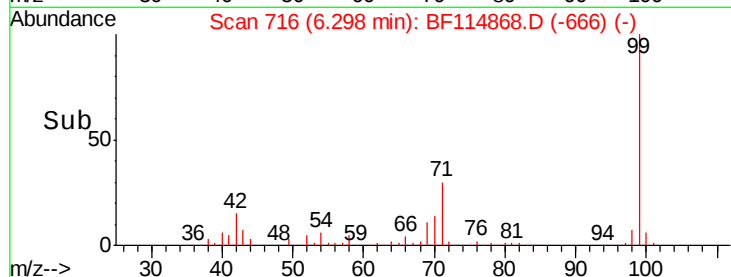
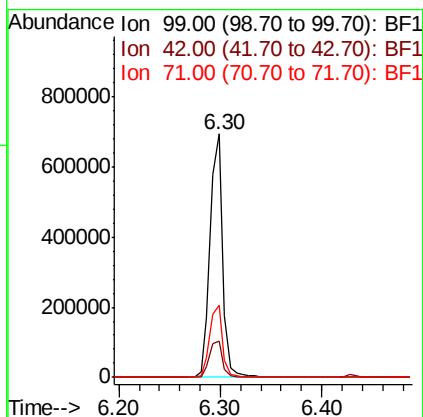
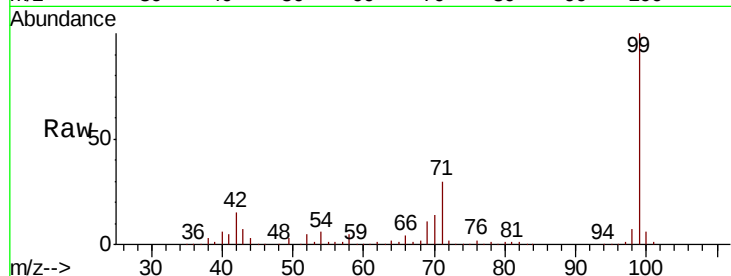
ClientSampleId :

CONCRETE-COMP-2

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		602505		
42	14.7	13.3	19.9		
71	29.7	26.3	39.5		

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#21

Naphthalene-d8

Concen: 20.000 ng

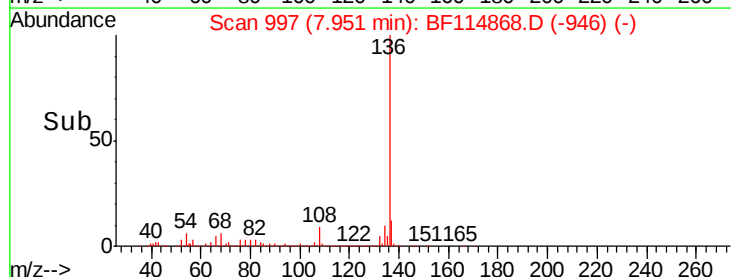
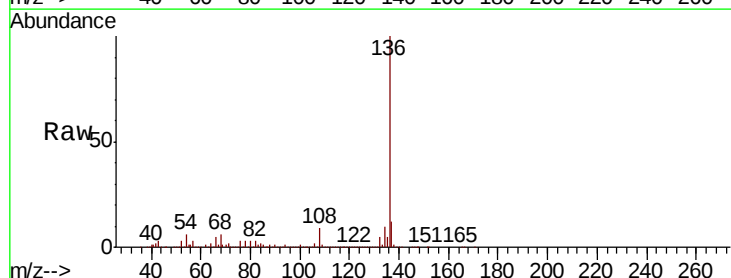
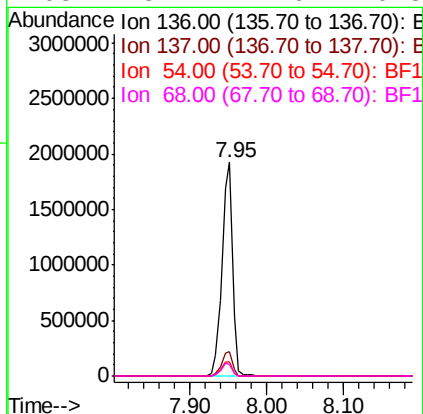
RT: 7.95 min Scan# 997

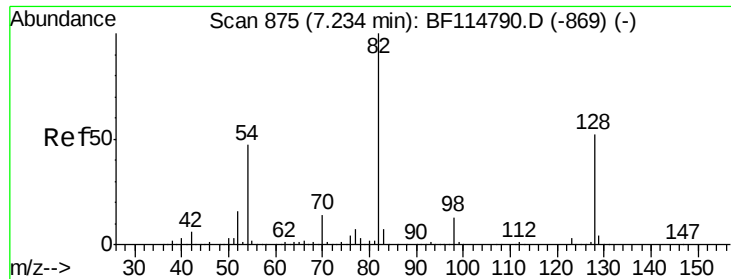
Delta R.T. 0.00 min

Lab File: BF114868.D

Acq: 6 Jun 2019 18:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1820532		
137	11.5	9.1	13.7		
54	6.4	5.4	8.0		
68	5.7	4.6	6.8		





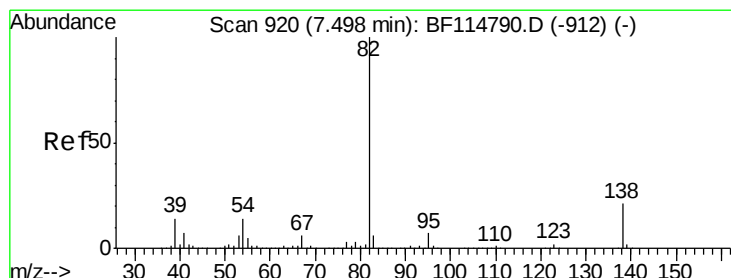
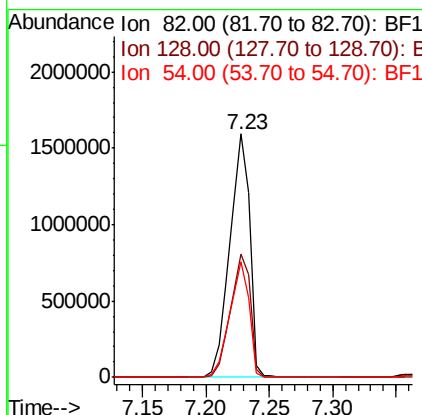
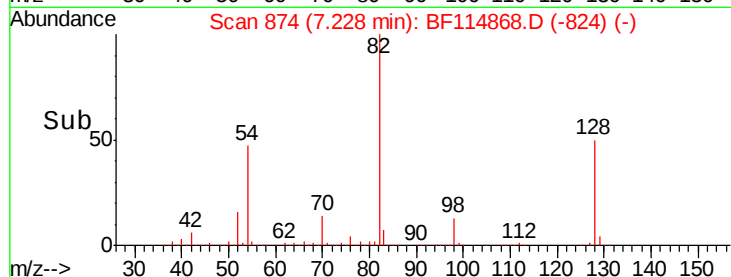
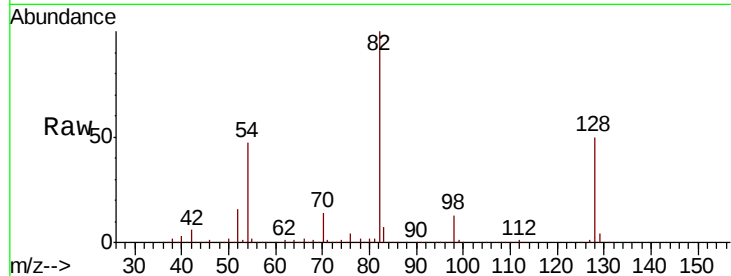
#23
Nitrobenzene-d5
Concen: 58.179 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF114868.D
Acq: 6 Jun 2019 18:04

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

Tot Ion	Ratio	Lower	Upper
82	100		
128	50.5	41.8	62.6
54	47.4	37.9	56.9

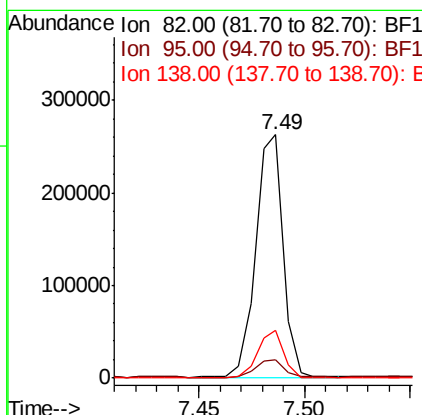
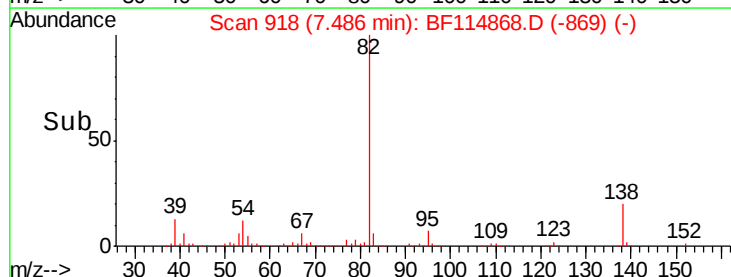
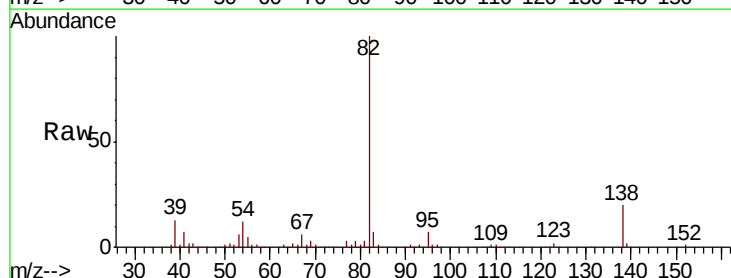
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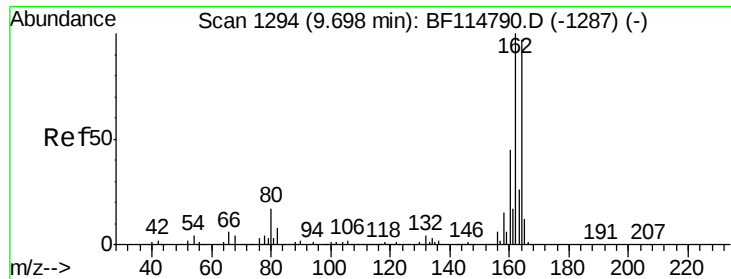
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#25
Isophorone
Concen: 4.027 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF114868.D
Acq: 6 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
82	100		
95	7.3	5.8	8.8
138	19.8	16.9	25.3





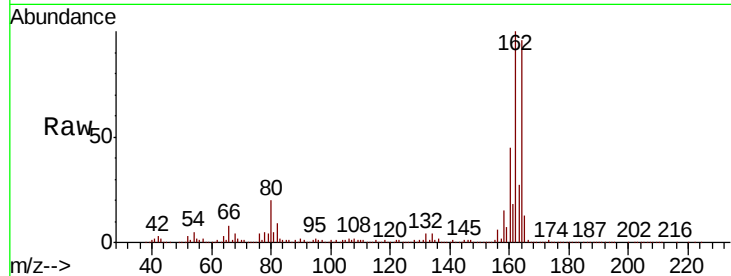
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.00 min
Lab File: BF114868.D
Acq: 6 Jun 2019 18:04

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

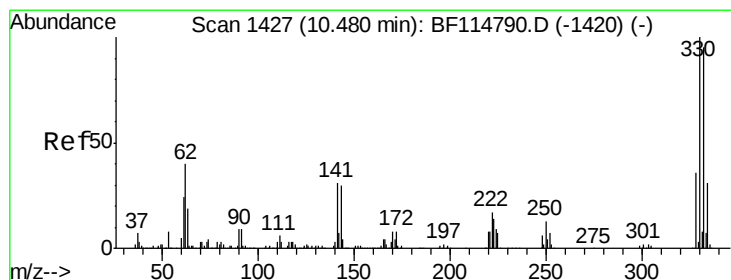
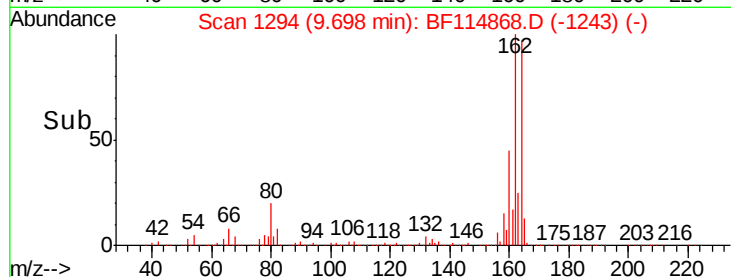
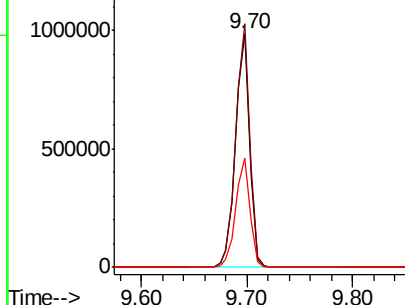
Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.2	82.3	123.5	
160	46.7	36.7	55.1	

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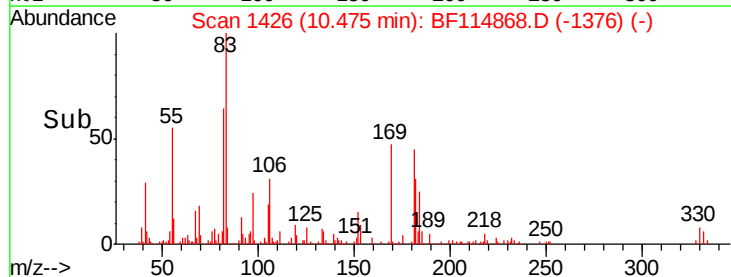
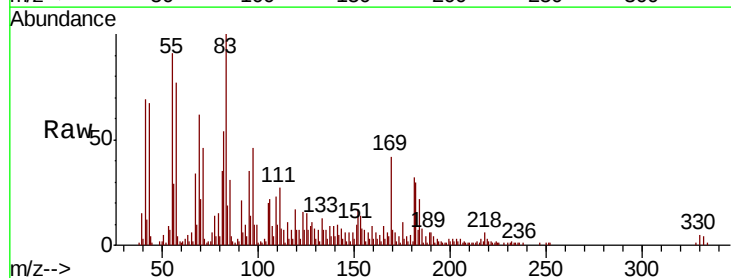
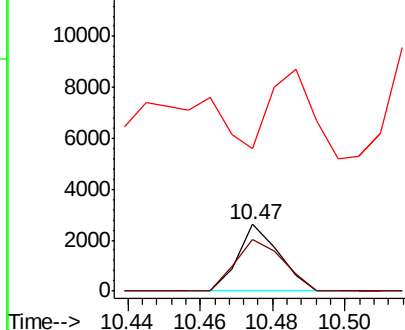
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

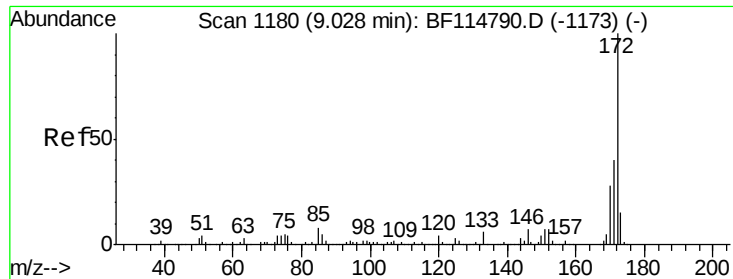


#42
2,4,6-Tribromophenol
Concen: 0.212 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF114868.D
Acq: 6 Jun 2019 18:04

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	90.4	77.3	115.9	
141	136.5	26.2	39.4	

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





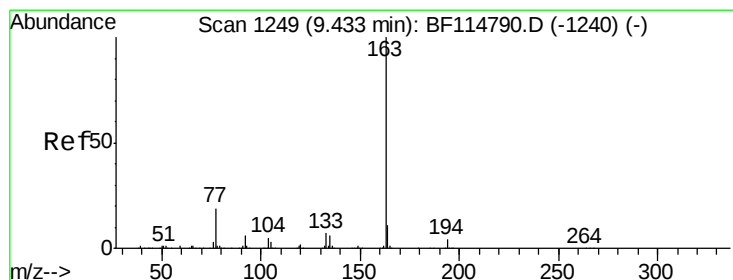
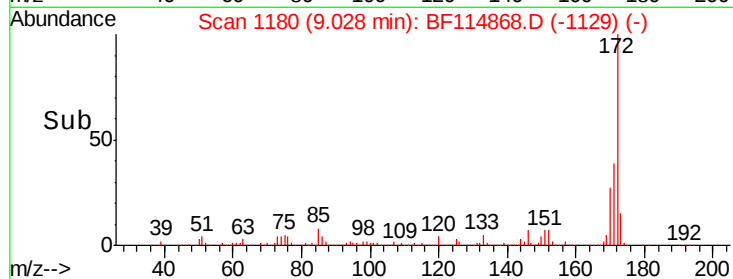
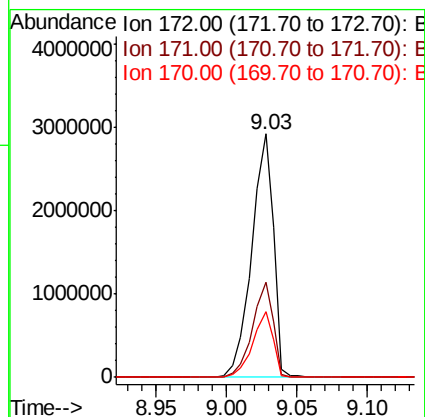
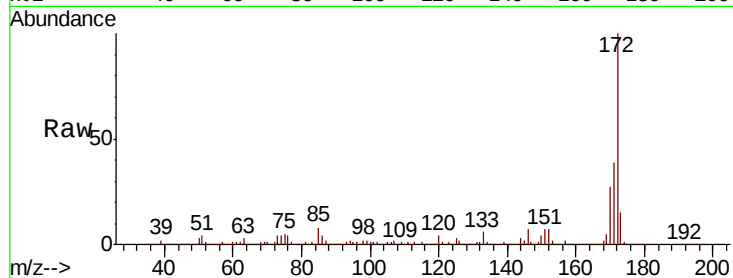
#45
2-Fluorobiphenyl
Concen: 66.251 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.00 min
Lab File: BF114868.D
Acq: 6 Jun 2019 18:04

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.2	32.3	48.5
170	26.8	22.4	33.6

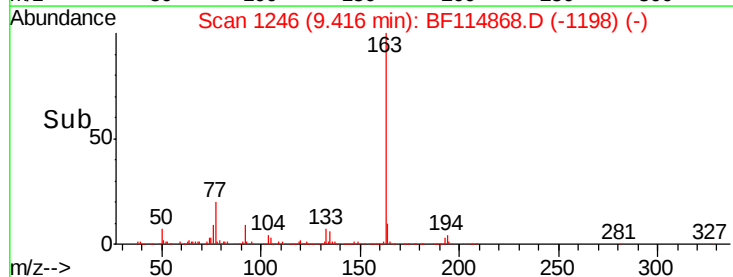
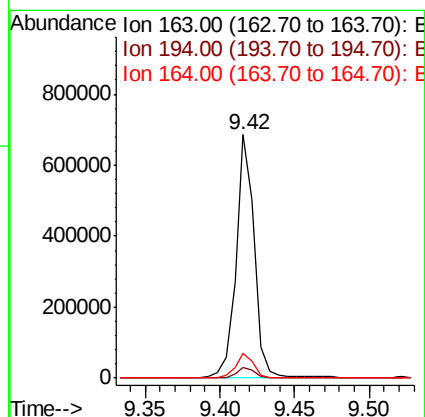
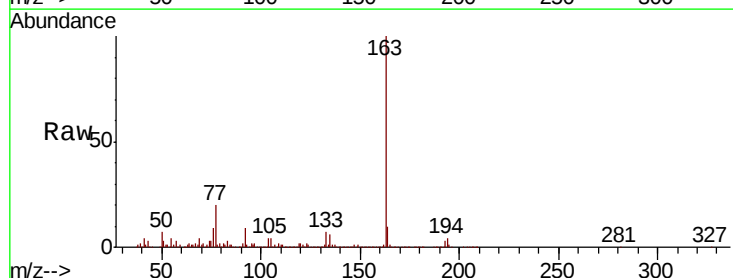
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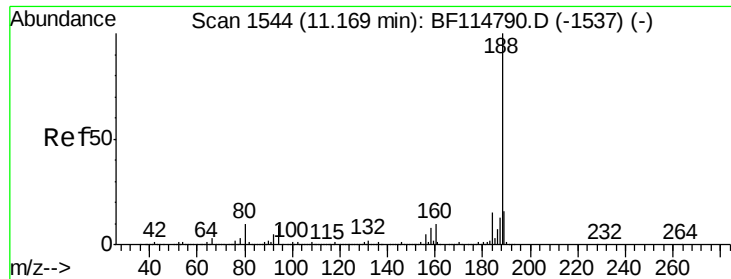
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#50
Dimethylphthalate
Concen: 8.901 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.02 min
Lab File: BF114868.D
Acq: 6 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.3	8.6	13.0





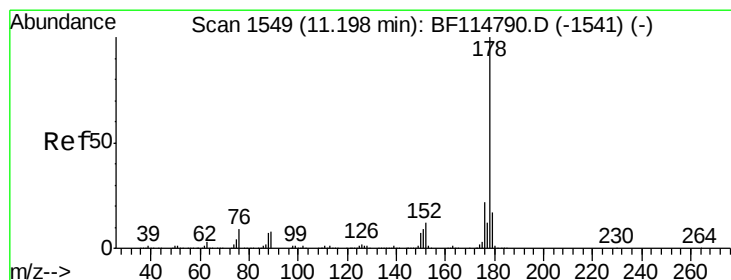
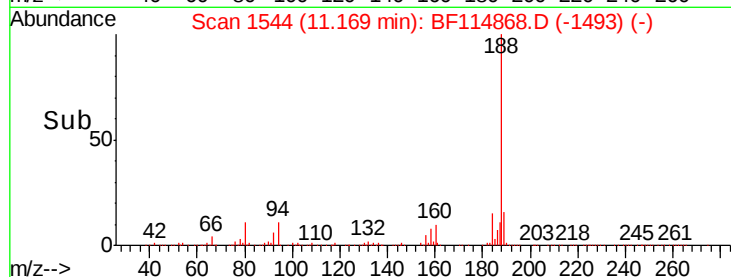
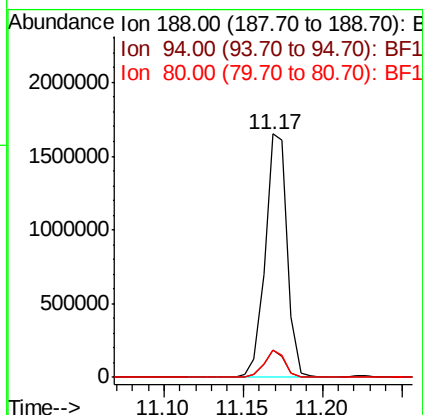
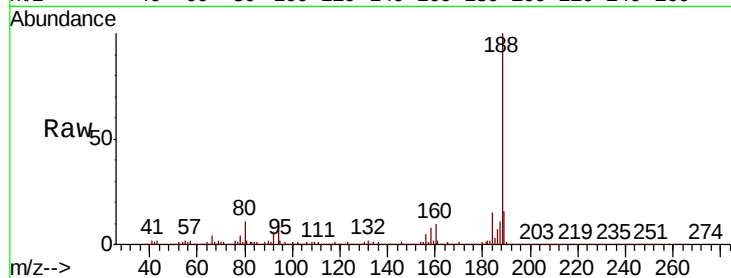
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF114868.D
Acq: 6 Jun 2019 18:04

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	7.6	11.4
80	11.3	8.3	12.5

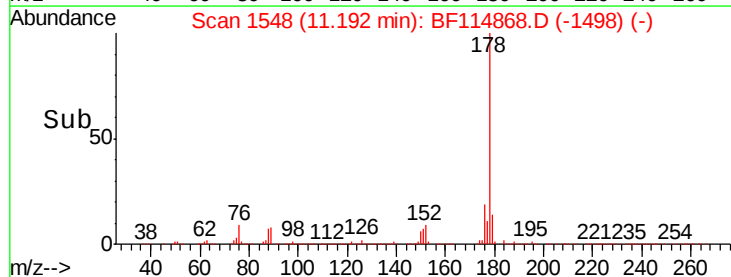
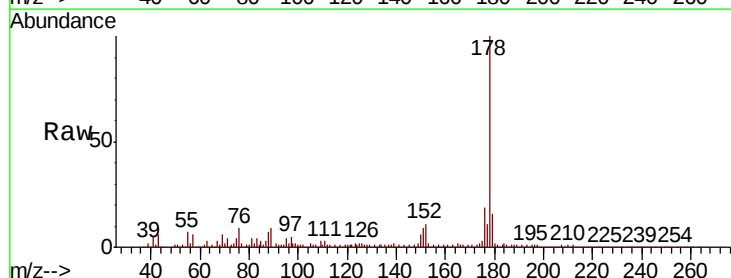
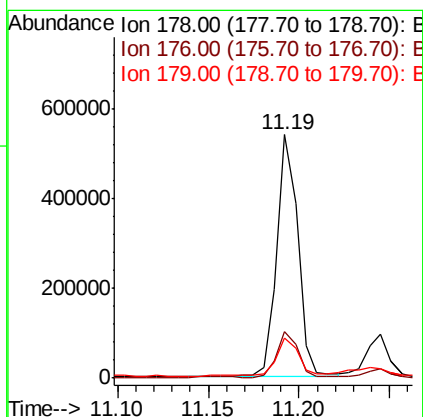
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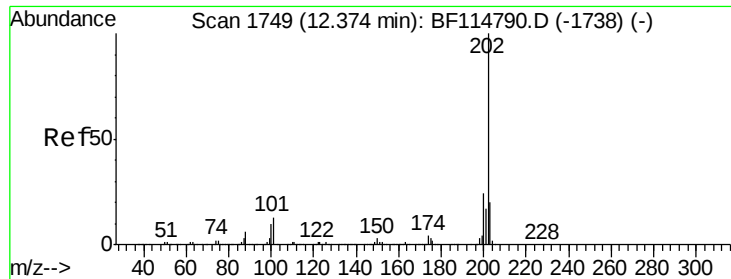
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#71
Phenanthrene
Concen: 5.735 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF114868.D
Acq: 6 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	17.7	26.5
179	16.5	13.7	20.5





#75

Fluoranthene

Concen: 6.491 ng

RT: 12.37 min Scan# 1749

Delta R.T. 0.00 min

Lab File: BF114868.D

Acq: 6 Jun 2019 18:04

Instrument :

BNA_F

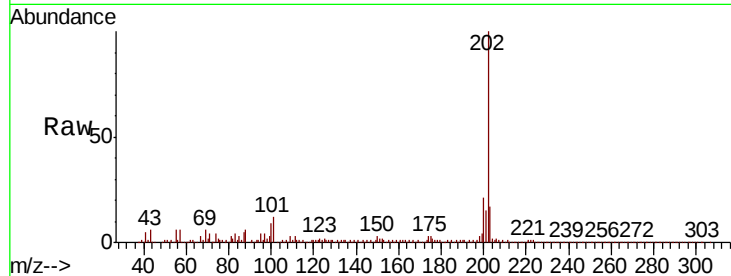
ClientSampleId :

CONCRETE-COMP-2

Tot Ion:	202	Resp:	520047
Ion Ratio	Lower	Upper	
202	100		
101	11.8	0.0	32.8
203	17.5	0.2	40.2

Manual Integrations
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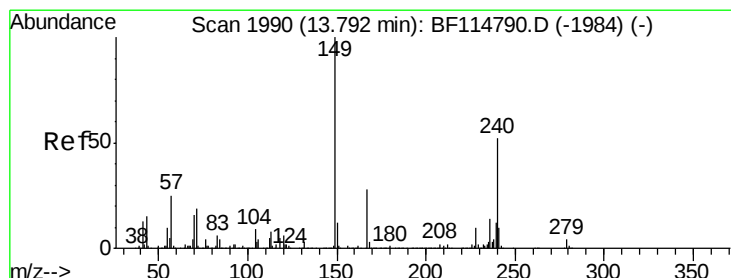
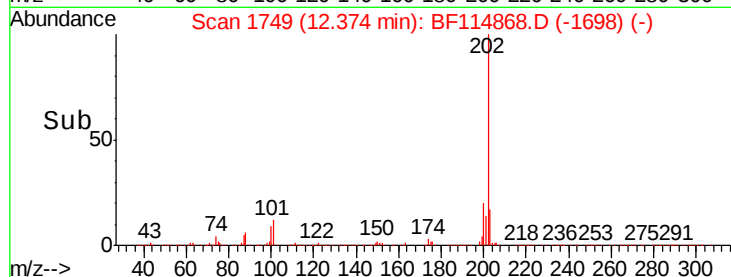
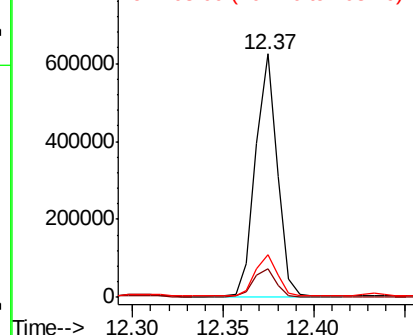


Abundance

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

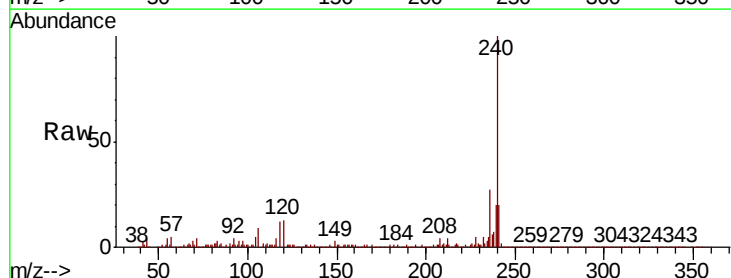
RT: 13.79 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BF114868.D

Acq: 6 Jun 2019 18:04

Tgt Ion:	240	Resp:	1024194
Ion Ratio	Lower	Upper	
240	100		
120	13.5	9.0	13.4#
236	27.1	21.4	32.0

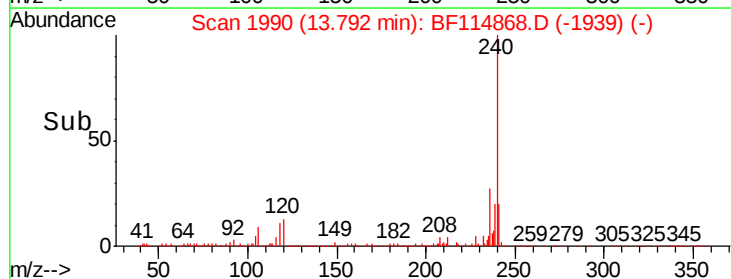
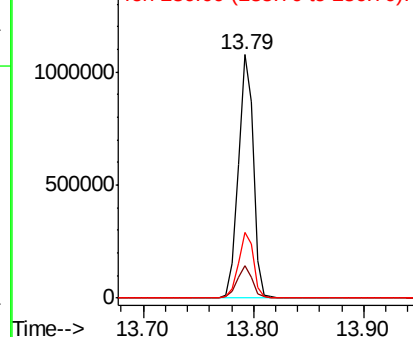


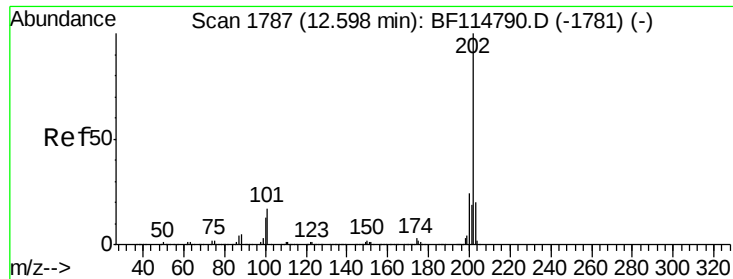
Abundance

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





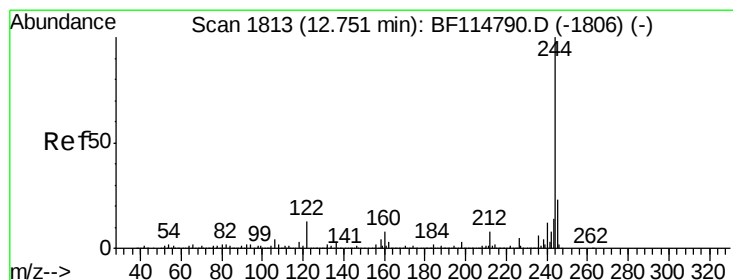
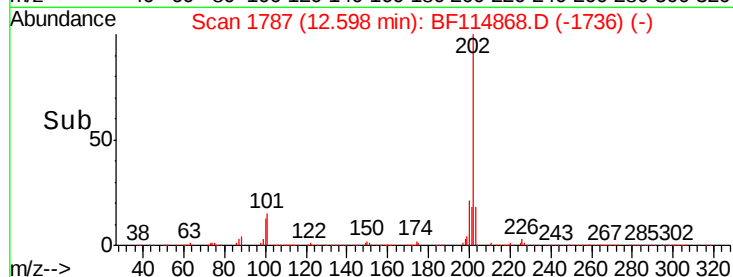
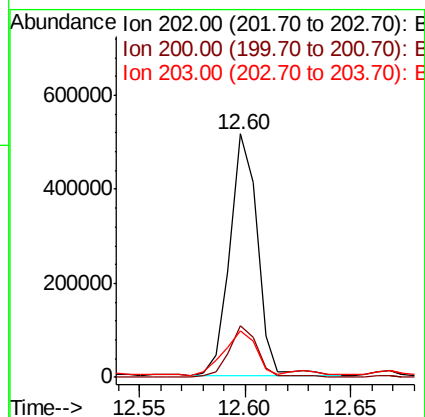
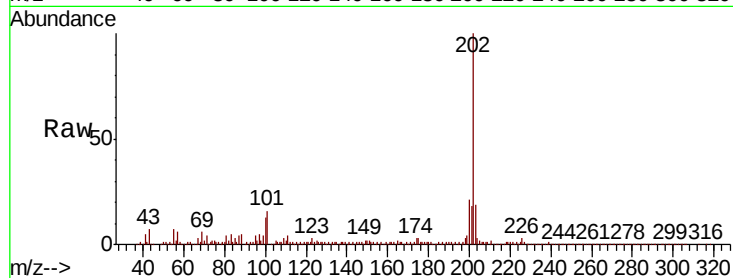
#78
Pvrene
Concen: 5.222 ng
RT: 12.60 min Scan# 1787
Delta R.T. 0.00 min
Lab File: BF114868.D
Acq: 6 Jun 2019 18:04

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.3	19.2	28.8
203	19.2	15.9	23.9

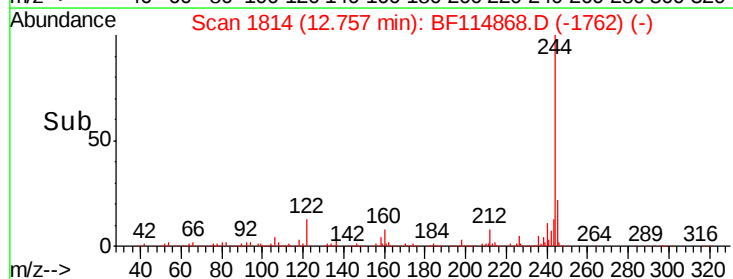
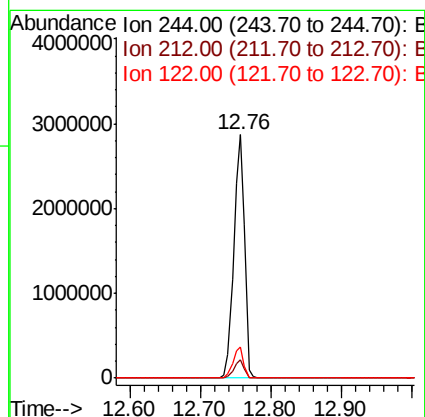
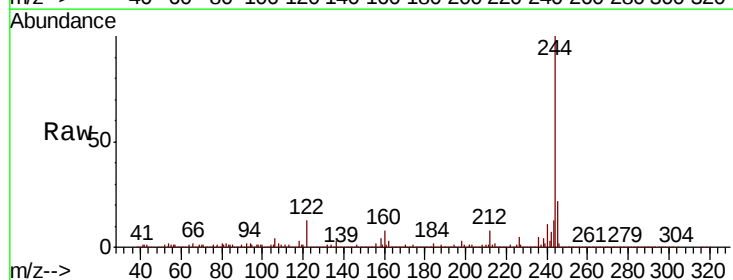
Manual Integrations
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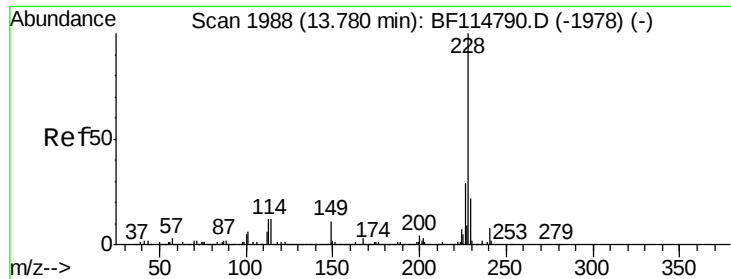
mohammad
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#79
Terphenyl-d14
Concen: 57.766 ng
RT: 12.76 min Scan# 1814
Delta R.T. 0.01 min
Lab File: BF114868.D
Acq: 6 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.5	9.7
122	12.7	10.5	15.7





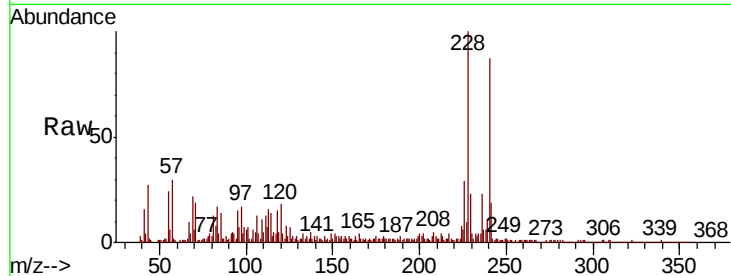
#81
Benzo(a)anthracene
Concen: 2.284 ng
RT: 13.78 min Scan# 1988
Delta R.T. 0.00 min
Lab File: BF114868.D
Acq: 6 Jun 2019 18:04

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.4	35.2
229	23.1	17.4	26.0

Manual Integrations
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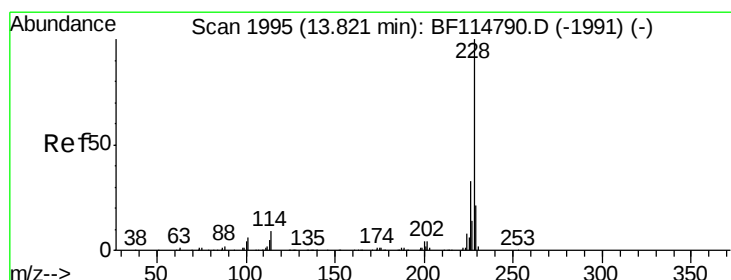
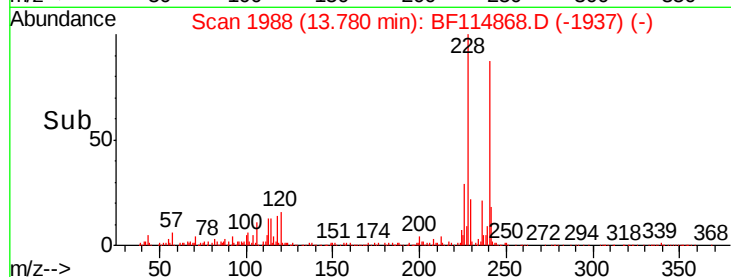
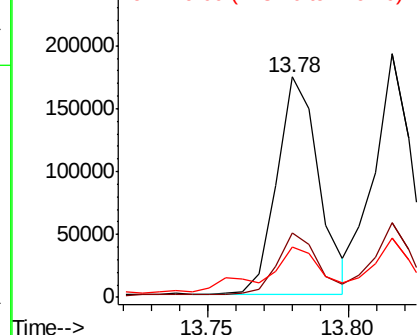


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83
Chrysene
Concen: 2.311 ng
RT: 13.82 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BF114868.D
Acq: 6 Jun 2019 18:04

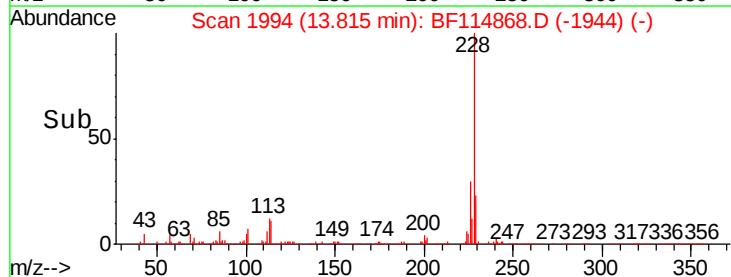
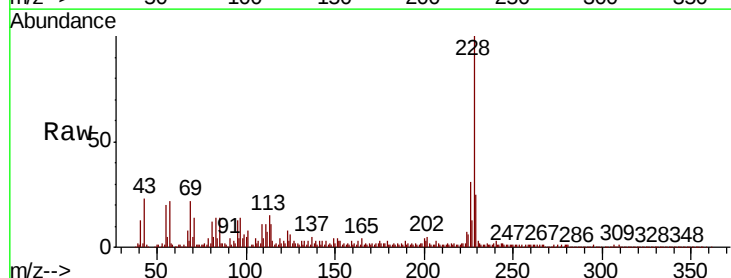
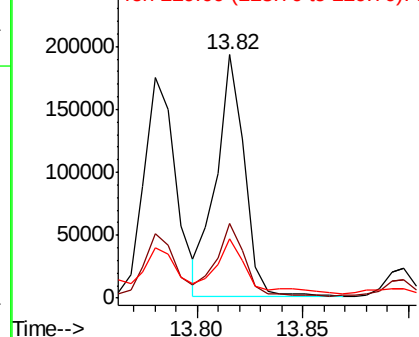
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	26.0	39.0
229	24.6	17.1	25.7

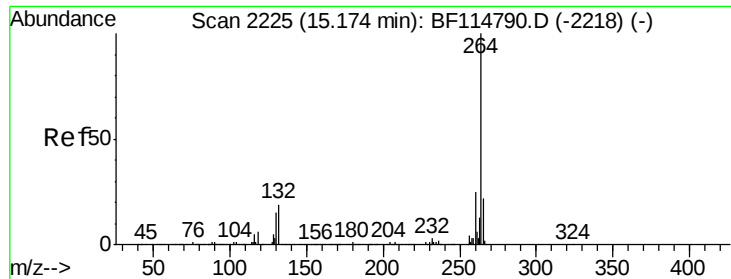
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





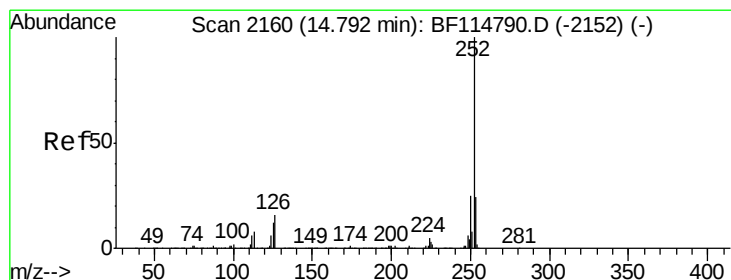
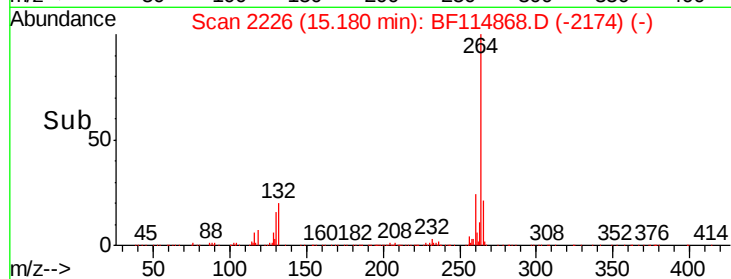
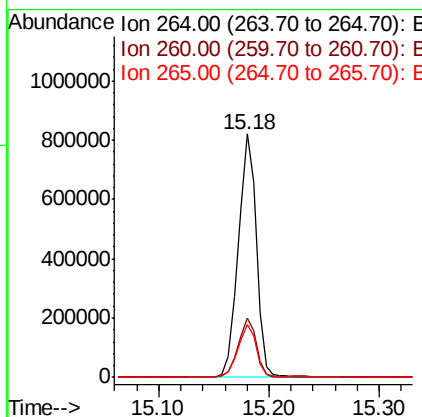
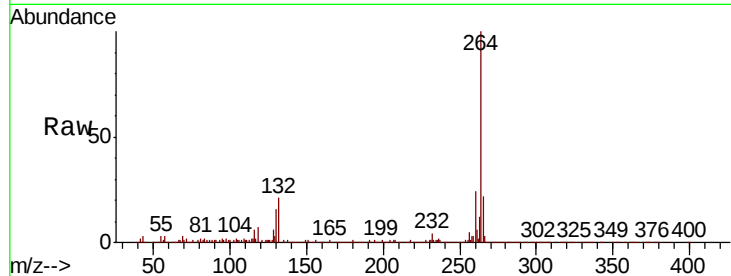
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.18 min Scan# 2226
Delta R.T. 0.01 min
Lab File: BF114868.D
Acq: 6 Jun 2019 18:04

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.1	30.1
265	21.5	17.7	26.5

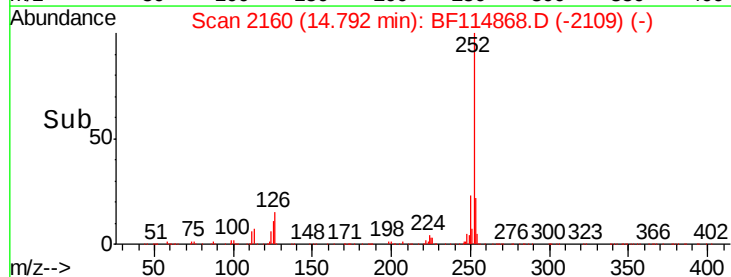
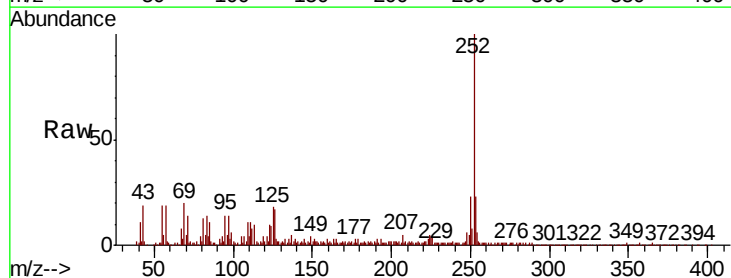
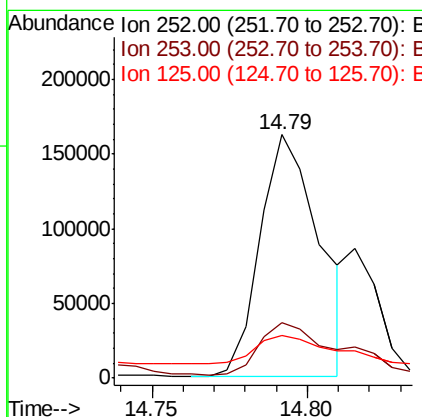
Manual Integrations
APPROVED

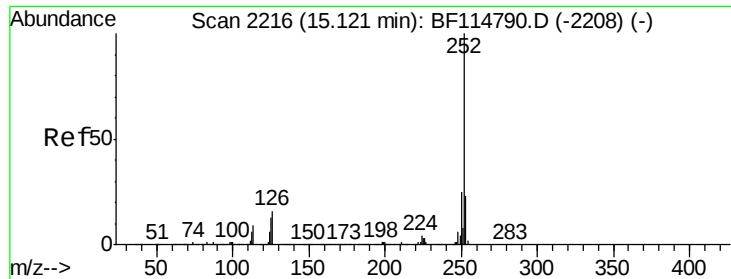
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#88
Benzo(b)fluoranthene
Concen: 3.583 ng m
RT: 14.79 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BF114868.D
Acq: 6 Jun 2019 18:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	19.0	28.6
125	17.6	9.4	14.0





#90
Benzo(a)pyrene
Concen: 2.637 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BF114868.D
Acq: 6 Jun 2019 18:04

Instrument :
BNA_F
ClientSampleId :
CONCRETE-COMP-2

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.1	18.5	27.7
125	17.6	10.1	15.1

Manual Integrations
APPROVED

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