

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
 Data File : BF095942.D
 Acq On : 15 Jun 2017 1:41
 Operator : SJ/MA
 Sample : I3664-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001A

Manual Integrations
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mohammad
 6/15/2017 3:55:43 PM

Quant Time: Jun 15 04:11:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	66930	20.00	ng	-0.06
21) Naphthalene-d8	9.37	136	260261	20.00	ng	-0.06
38) Acenaphthene-d10	12.19	164	107321	20.00	ng	-0.07
63) Phenanthrene-d10	14.58	188	164793	20.00	ng	-0.06
75) Chrysene-d12	18.30	240	136080	20.00	ng	-0.05
86) Perylene-d12	19.97	264	96640	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	387514	92.26	ng	-0.05
7) Phenol-d6	6.90	99	599455	119.21	ng	-0.05
23) Nitrobenzene-d5	8.26	82	343352	81.93	ng	-0.06
41) 2,4,6-Tribromophenol	13.49	330	50427	53.11	ng	-0.06
44) 2-Fluorobiphenyl	11.15	172	633271	82.11	ng	-0.07
78) Terphenyl-d14	16.96	244	419037	76.42	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	11.84	163	99520	12.21	ng	98
51) Acenaphthene	12.24	154	16063	2.35	ng	94
70) Phenanthrene	14.62	178	162359	17.08	ng	96
71) Anthracene	14.71	178	41226	4.15	ng	94
74) Fluoranthene	16.40	202	188400	20.02	ng	98
77) Pyrene	16.70	202	159587	15.72	ng	# 96
80) Benzo(a)anthracene	18.29	228	67570	8.54	ng	96
82) Chrysene	18.33	228	60391	7.64	ng	96
83) Bis(2-ethylhexyl)phthalate	18.36	149	34082	5.45	ng	# 97
85) Indeno(1,2,3-cd)pyrene	21.15	276	21379	3.16	ng	89
87) Benzo(b)fluoranthene	19.57	252	59264	9.79	ng	# 96
88) Benzo(k)fluoranthene	19.60	252	17459m	3.02	ng	
89) Benzo(a)pyrene	19.92	252	38290	6.88	ng	# 90
91) Benzo(a,h,i)perylene	21.49	276	19828	4.12	ng	94

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

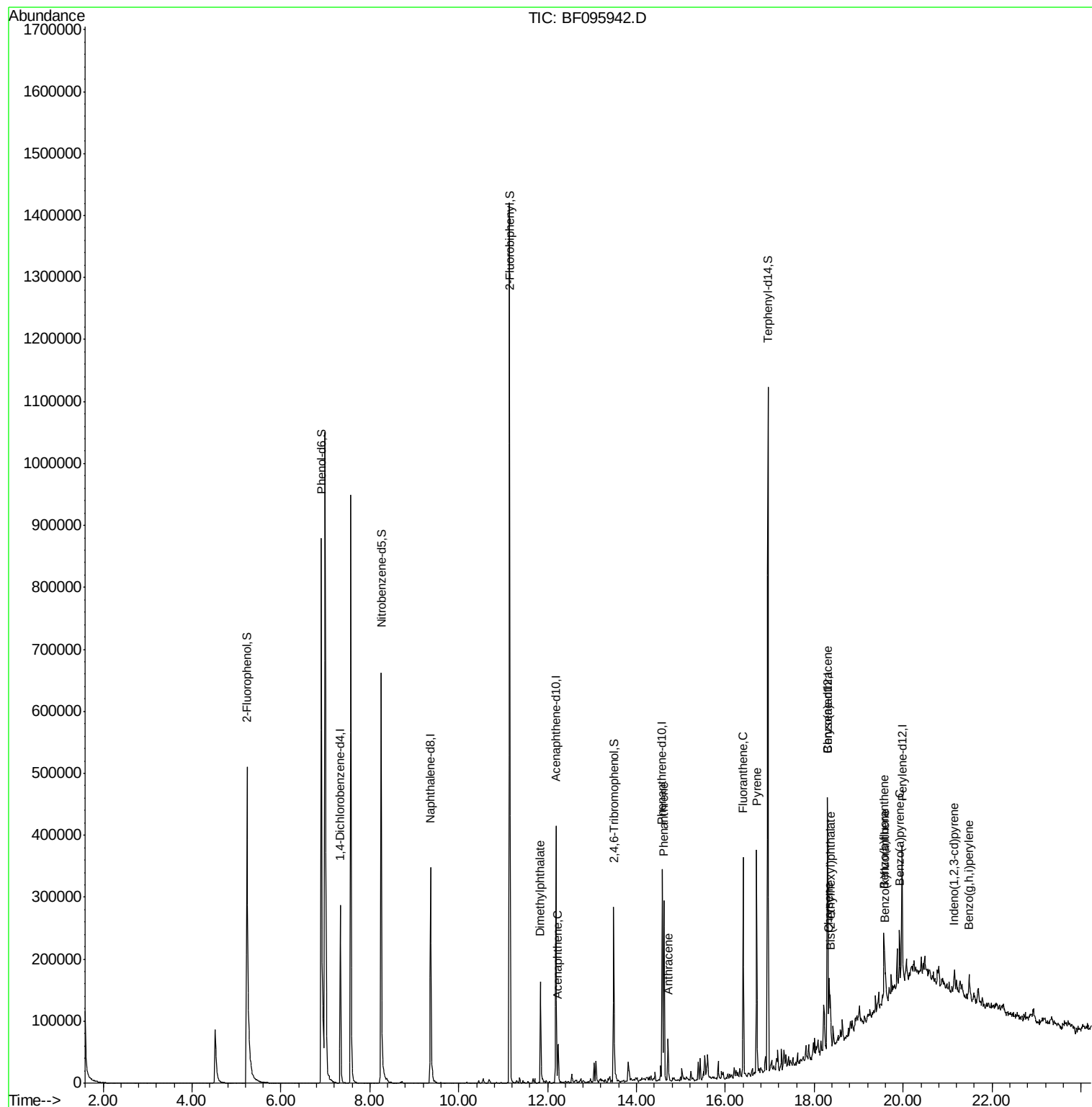
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095942.D
Acq On : 15 Jun 2017 1:41
Operator : SJ/MA
Sample : I3664-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

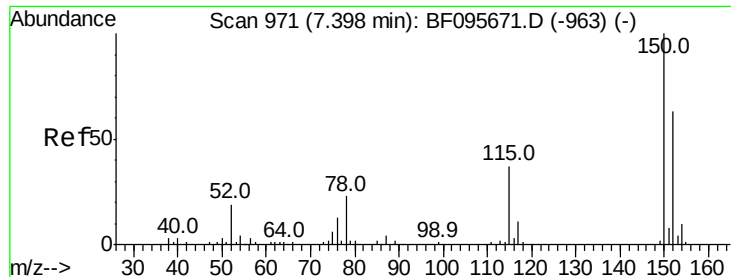
Instrument :
BNA_F
ClientSampleId :
ONSITE-001A

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#1

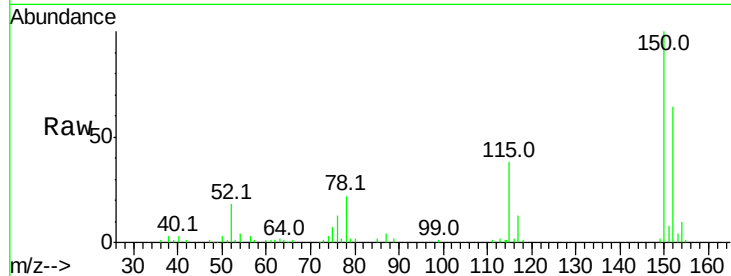
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Instrument :
BNA_F
ClientSampleId :
ONSITE-001A

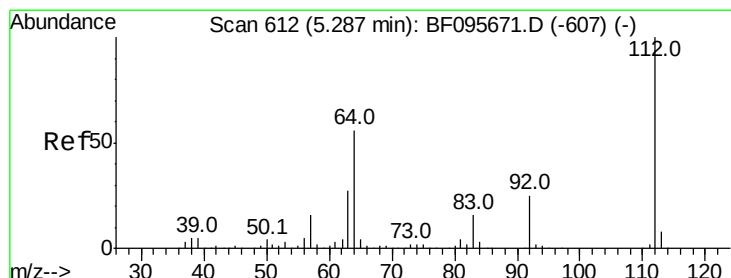
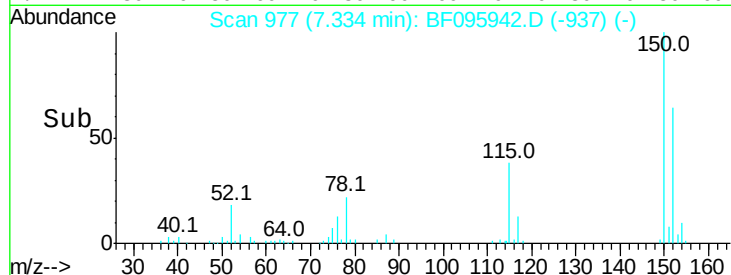
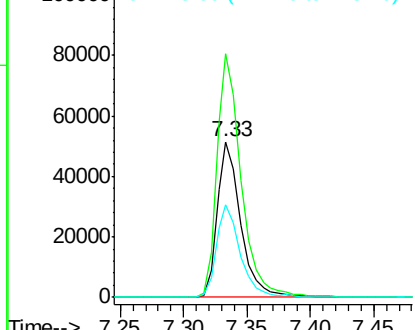
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.2	189.2
115	59.3	52.2	78.2

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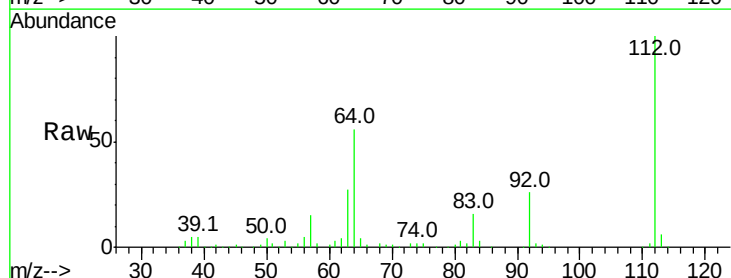
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



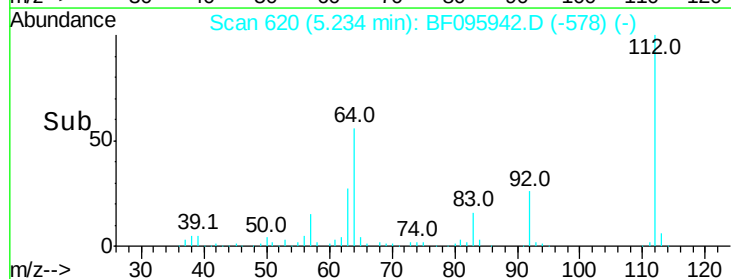
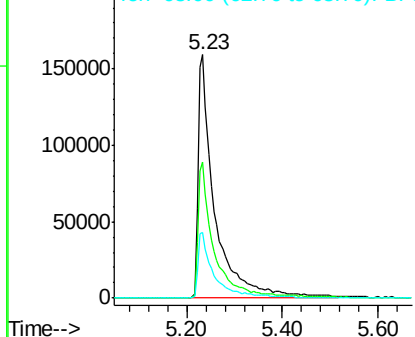
#5

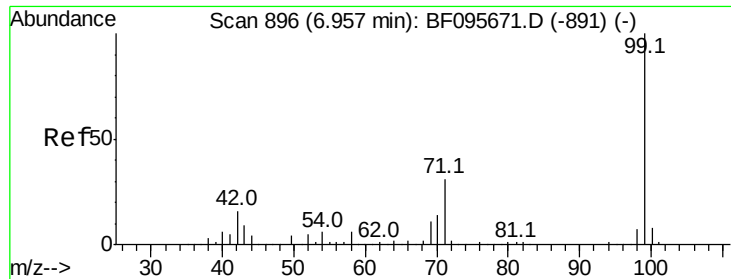
2-Fluorophenol
Concen: 92.26 ng
RT: 5.23 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.9	46.0	69.0
63	26.8	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.21 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF095942.D

Acq: 15 Jun 2017 1:41

Instrument :

BNA_F

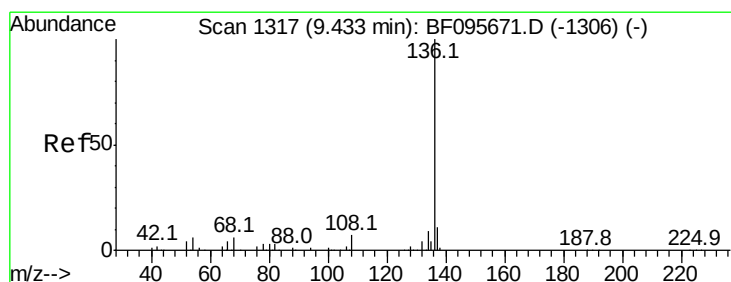
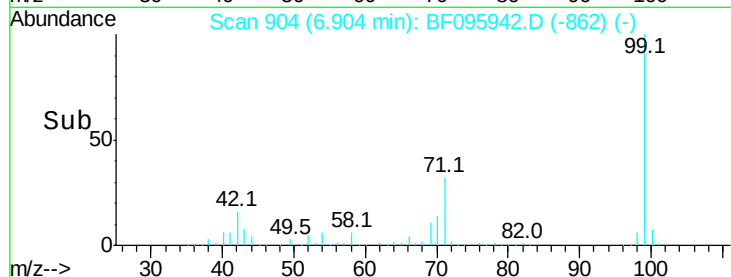
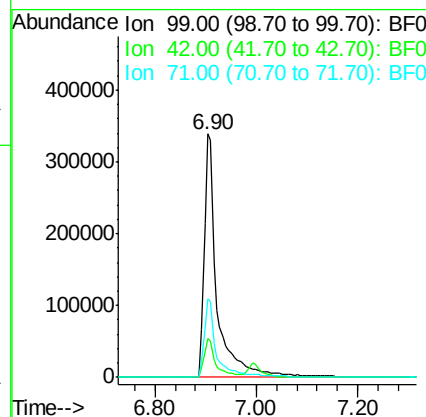
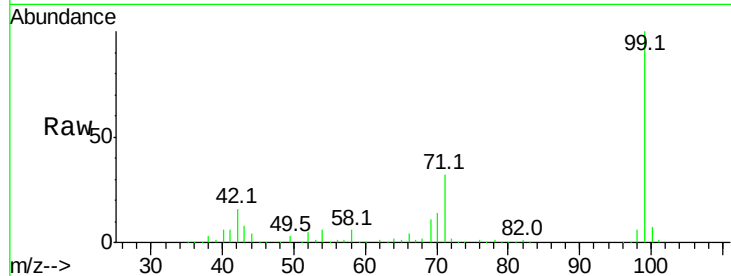
ClientSampleId :

ONSITE-001A

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		599455		
42	16.2	13.5	20.3		
71	32.0	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

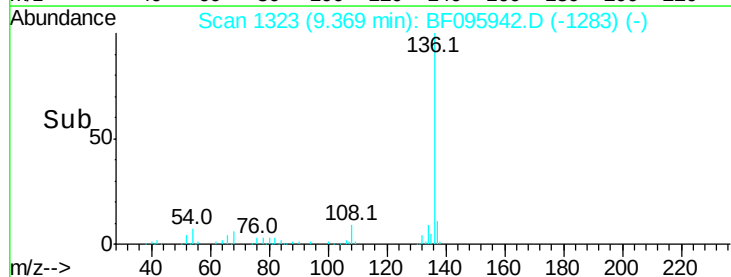
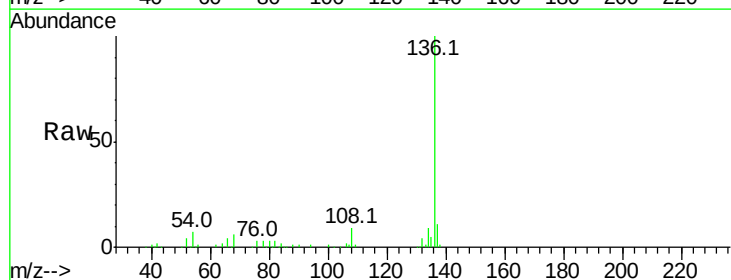
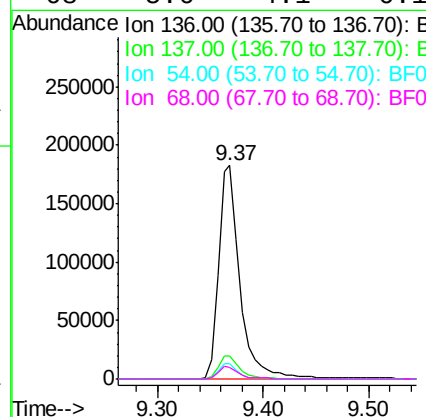
RT: 9.37 min Scan# 1323

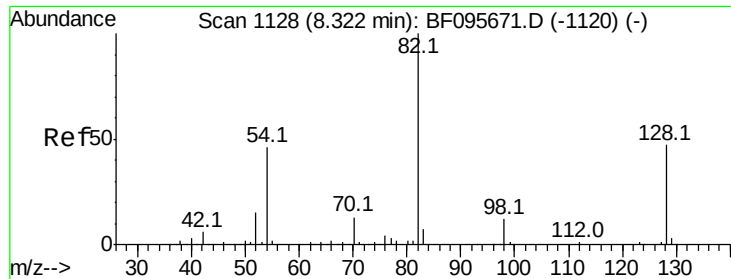
Delta R.T. -0.06 min

Lab File: BF095942.D

Acq: 15 Jun 2017 1:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		260261		
137	10.5	8.5	12.7		
54	6.9	4.9	7.3		
68	5.6	4.1	6.1		





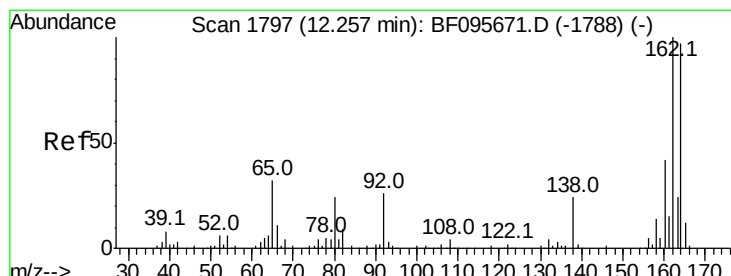
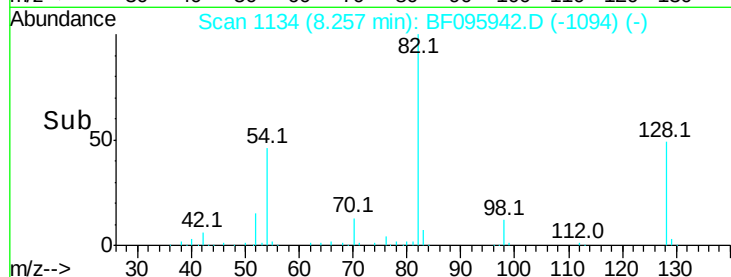
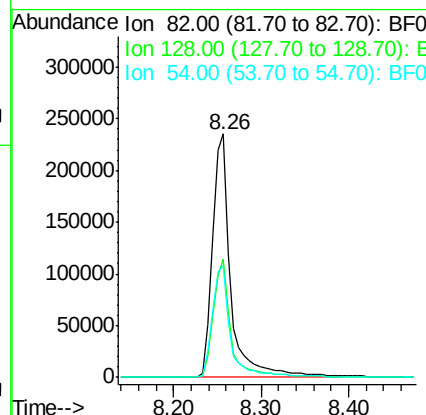
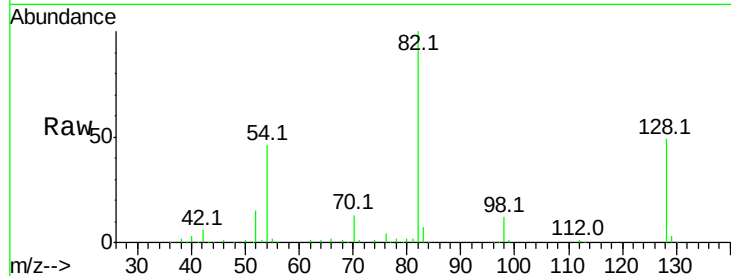
#23
Nitrobenzene-d5
Concen: 81.93 ng
RT: 8.26 min Scan# 1134
Delta R.T. -0.06 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Instrument :
BNA_F
ClientSampleId :
ONSITE-001A

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	34.0	51.0
54	45.7	42.2	63.2

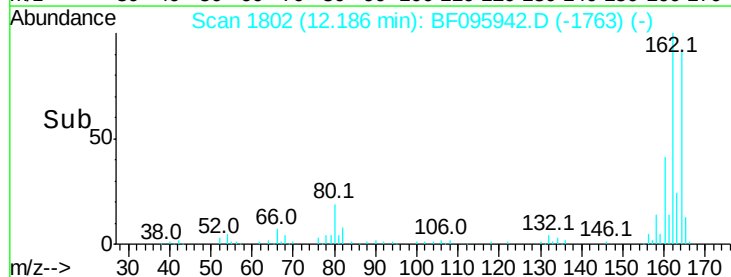
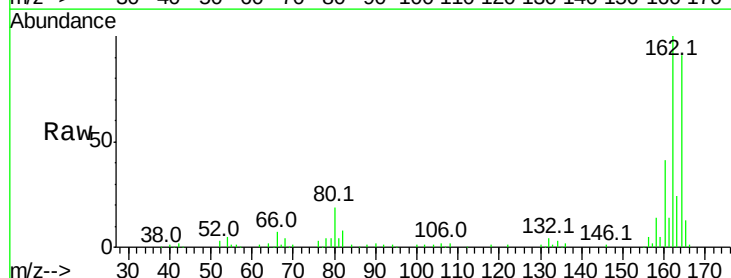
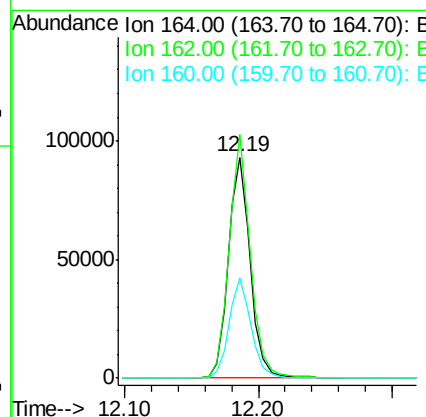
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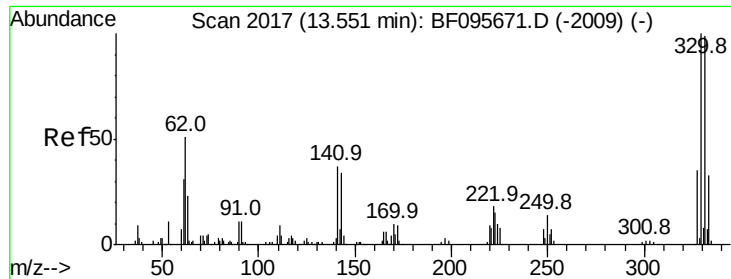
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.19 min Scan# 1802
Delta R.T. -0.07 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.3	82.6	123.8
160	45.4	36.2	54.2





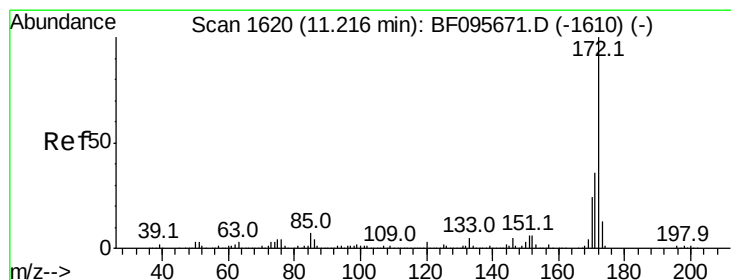
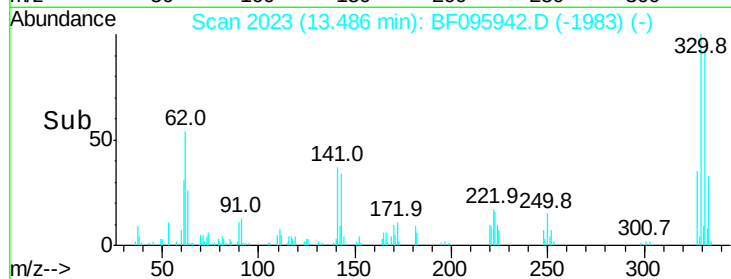
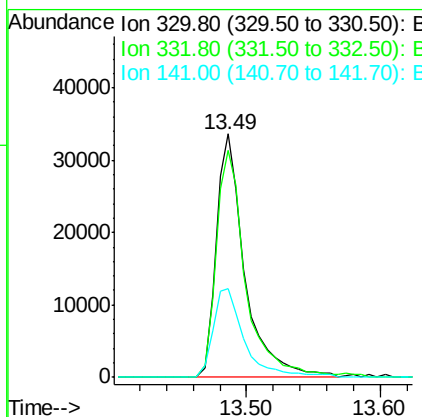
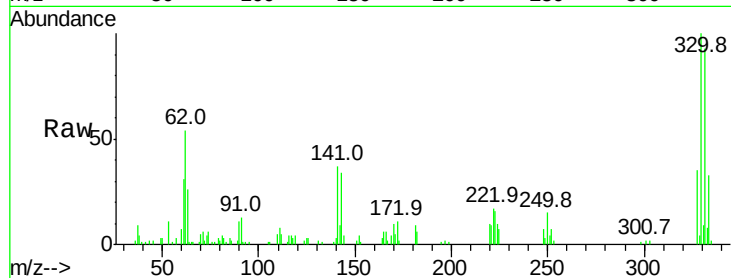
#41
 2,4,6-Tribromophenol
 Concen: 53.11 ng
 RT: 13.49 min Scan# 2023
 Delta R.T. -0.06 min
 Lab File: BF095942.D
 Acq: 15 Jun 2017 1:41

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001A

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.7	76.6	115.0	
141	40.0	31.4	47.2	

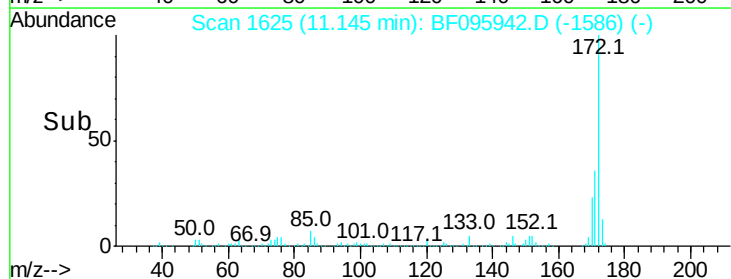
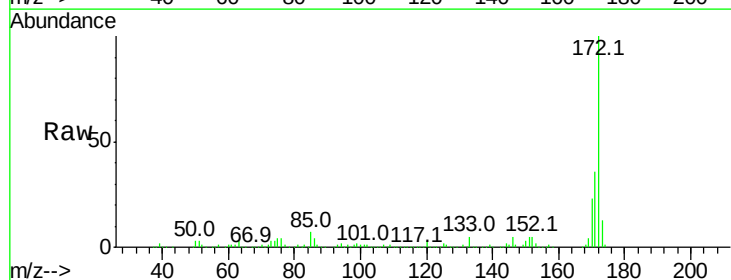
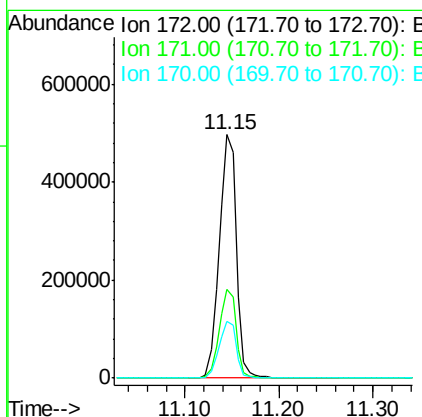
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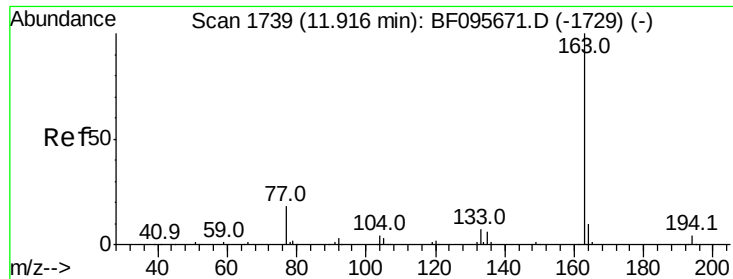
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#44
 2-Fluorobiphenyl
 Concen: 82.11 ng
 RT: 11.15 min Scan# 1625
 Delta R.T. -0.07 min
 Lab File: BF095942.D
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Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.6	44.4	
170	23.0	19.8	29.8	





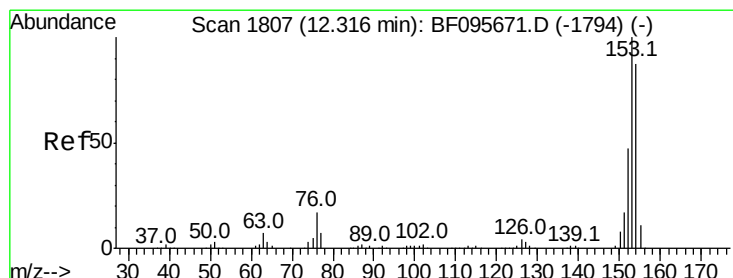
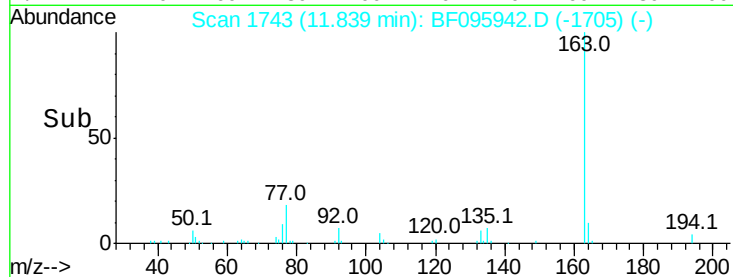
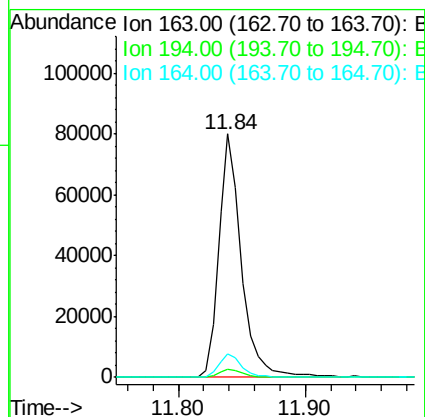
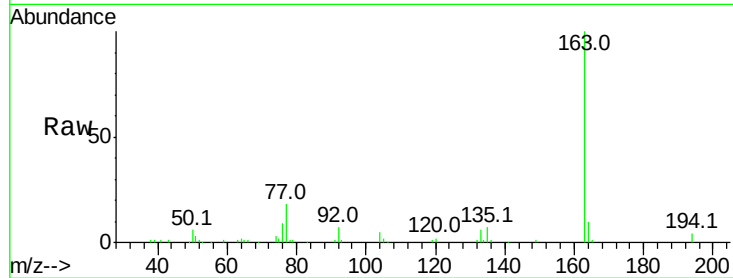
#49
Dimethylphthalate
Concen: 12.21 ng
RT: 11.84 min Scan# 1743
Delta R.T. -0.08 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Instrument :
BNA_F
ClientSampled :
ONSITE-001A

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	9.5	8.4	12.6

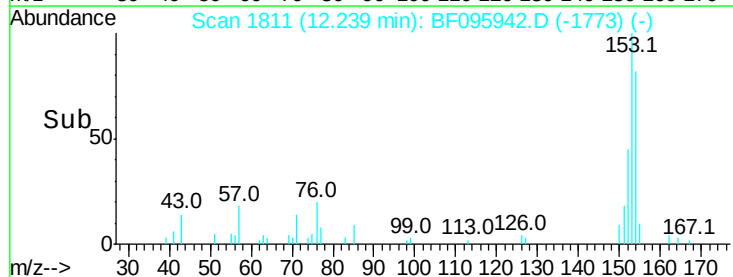
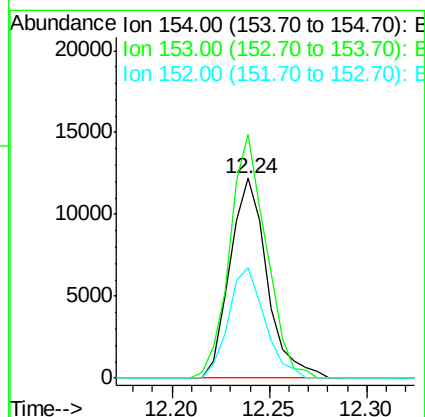
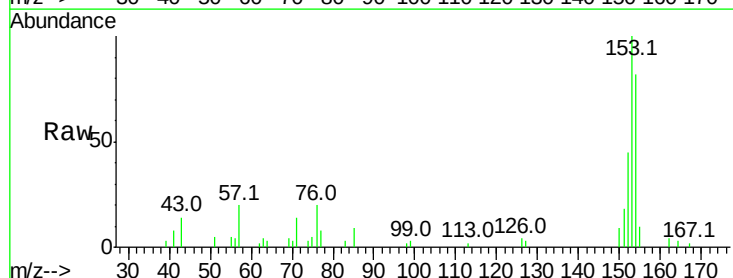
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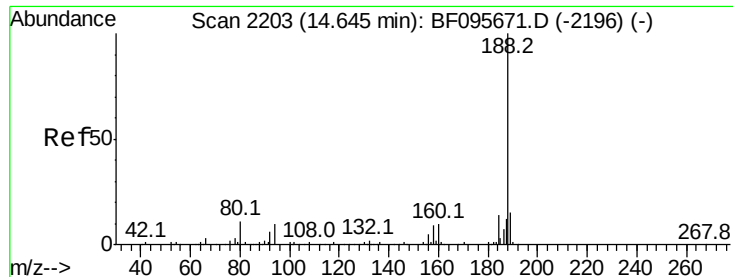
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#51
Acenaphthene
Concen: 2.35 ng
RT: 12.24 min Scan# 1811
Delta R.T. -0.08 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	121.8	90.5	135.7
152	55.2	43.6	65.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.58 min Scan# 2209

Delta R.T. -0.06 min

Lab File: BF095942.D

Acq: 15 Jun 2017 1:41

Instrument :

BNA_F

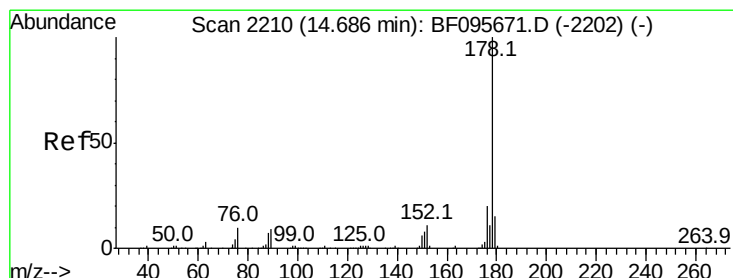
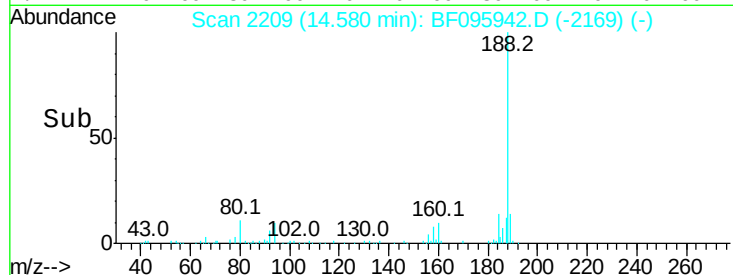
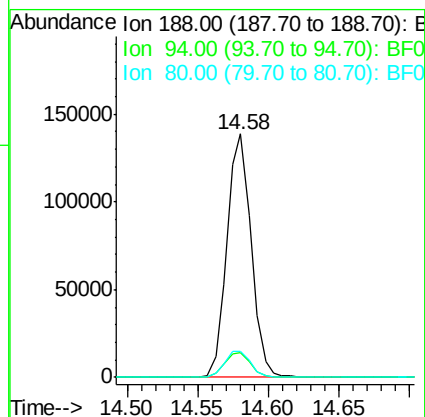
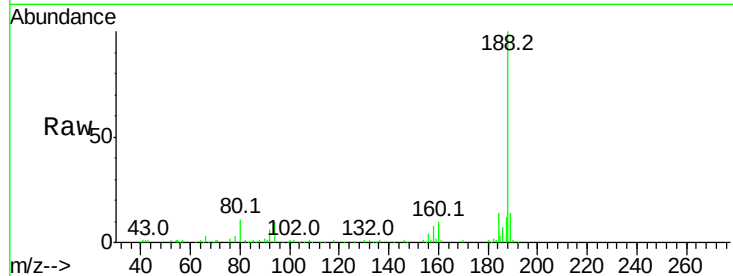
ClientSampleId :

ONSITE-001A

Tot Ion:	188	Resp:	164793
Ion Ratio	Lower	Upper	
188	100		
94	10.2	9.4	14.2
80	10.9	10.2	15.2

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#70

Phenanthrene

Concen: 17.08 ng

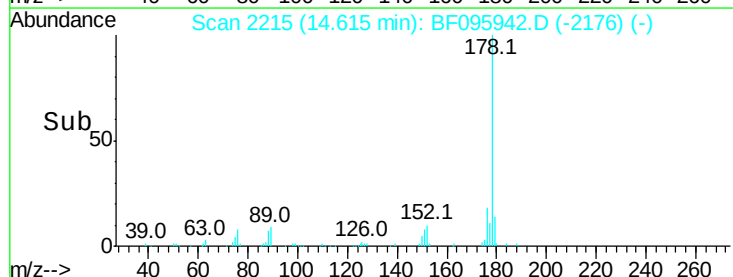
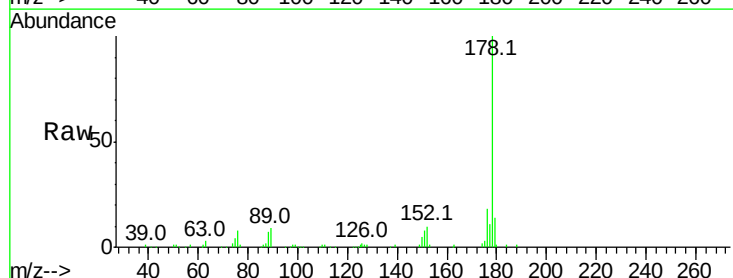
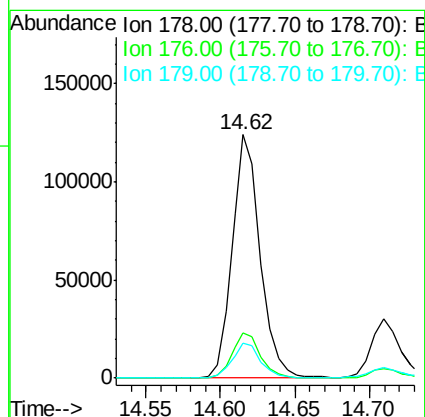
RT: 14.62 min Scan# 2215

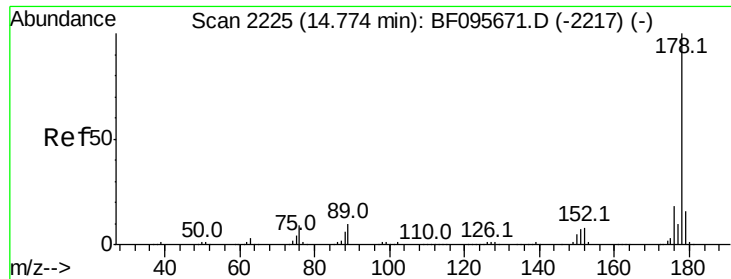
Delta R.T. -0.07 min

Lab File: BF095942.D

Acq: 15 Jun 2017 1:41

Tgt Ion:	178	Resp:	162359
Ion Ratio	Lower	Upper	
178	100		
176	18.4	16.2	24.4
179	14.4	12.6	19.0





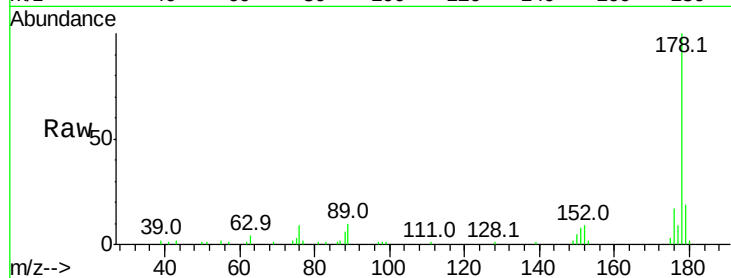
#71
 Anthracene
 Concen: 4.15 ng
 RT: 14.71 min Scan# 2231
 Delta R.T. -0.06 min
 Lab File: BF095942.D
 Acq: 15 Jun 2017 1:41

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001A

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.0	15.8	23.8
179	18.8	12.7	19.1

Manual Integrations
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Abundance

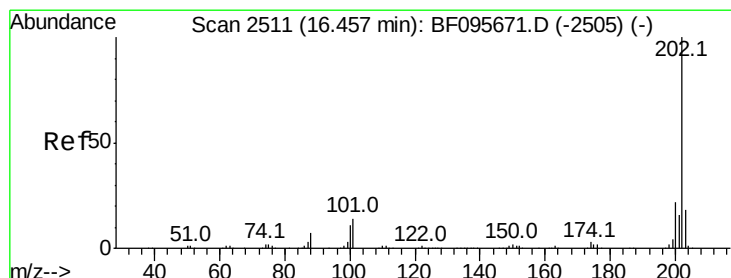
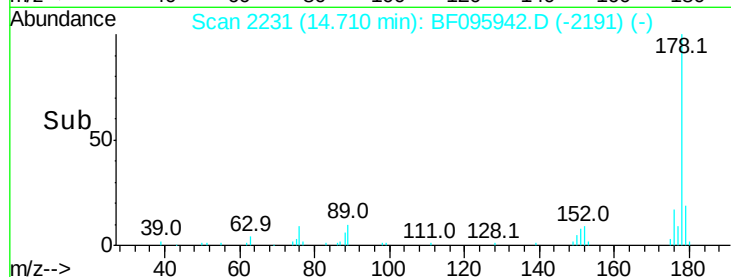
Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

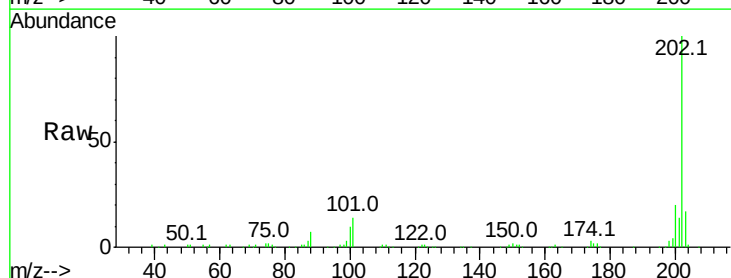
14.71

Time-->



#74
 Fluoranthene
 Concen: 20.02 ng
 RT: 16.40 min Scan# 2518
 Delta R.T. -0.06 min
 Lab File: BF095942.D
 Acq: 15 Jun 2017 1:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.8	0.0	33.2
203	17.3	0.0	38.1



Abundance

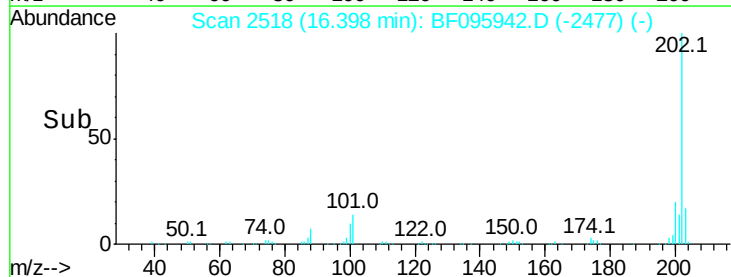
Ion 202.00 (201.70 to 202.70): E

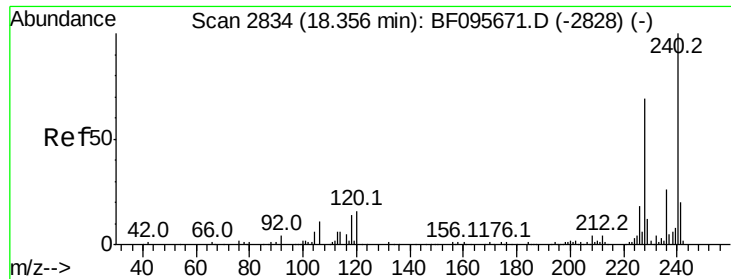
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

16.40

Time-->





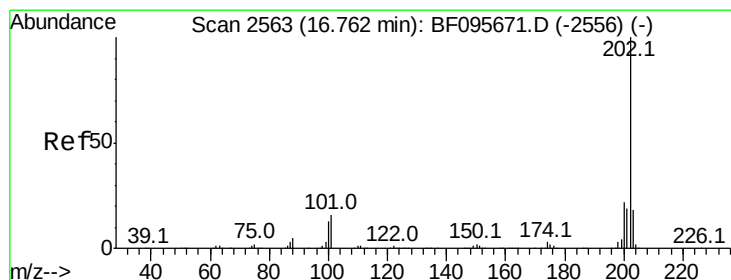
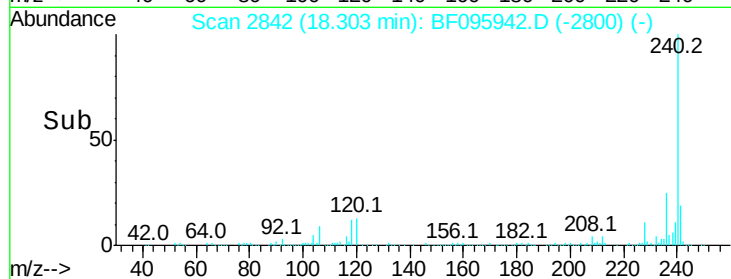
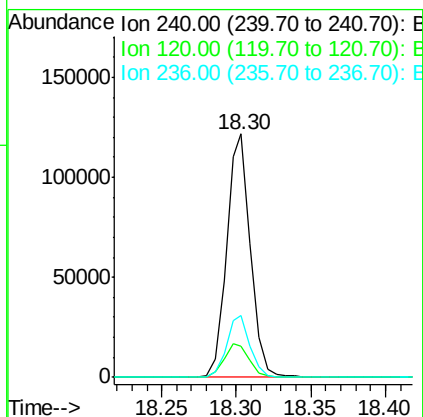
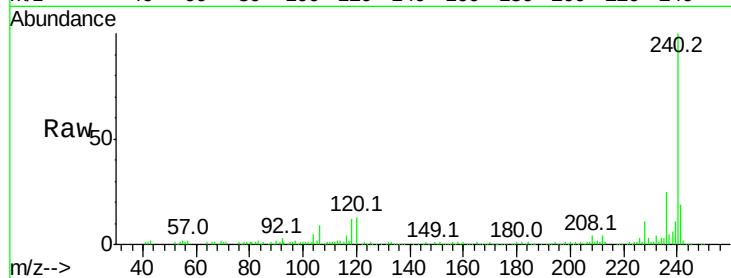
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.30 min Scan# 2842
 Delta R.T. -0.05 min
 Lab File: BF095942.D
 Acq: 15 Jun 2017 1:41

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001A

Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	5.8	8.8#
236	25.5	20.5	30.7

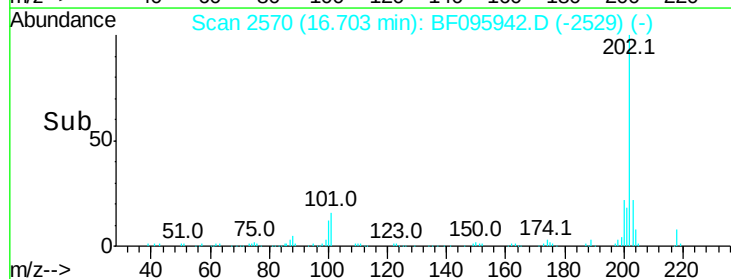
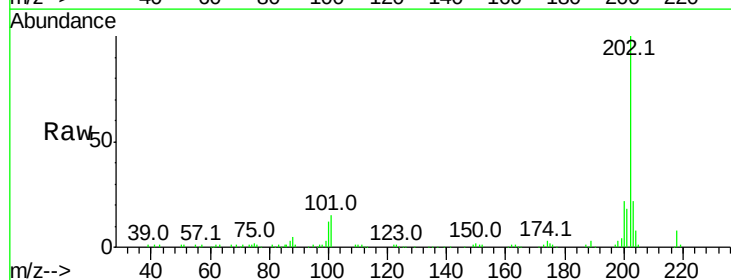
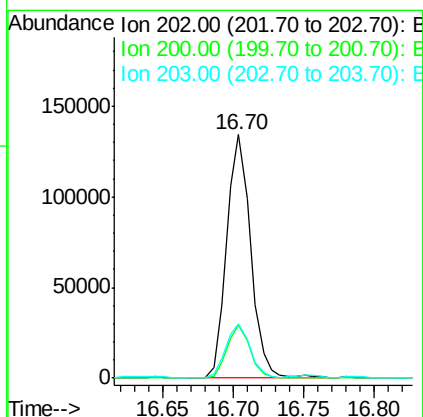
Manual Integrations
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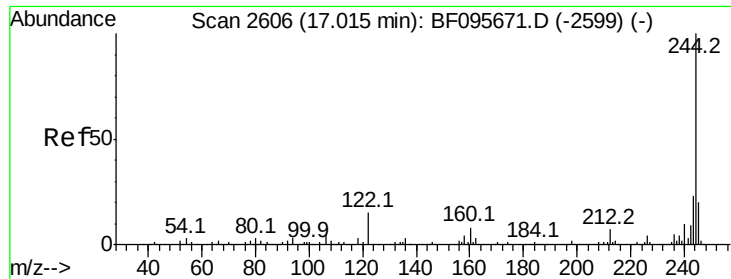
mohammad
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#77
 Pyrene
 Concen: 15.72 ng
 RT: 16.70 min Scan# 2570
 Delta R.T. -0.06 min
 Lab File: BF095942.D
 Acq: 15 Jun 2017 1:41

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.6	26.4
203	22.1	14.4	21.6#





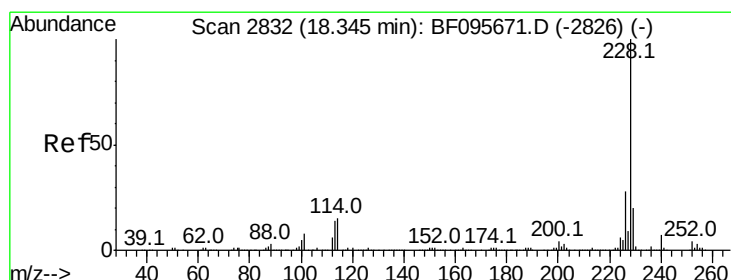
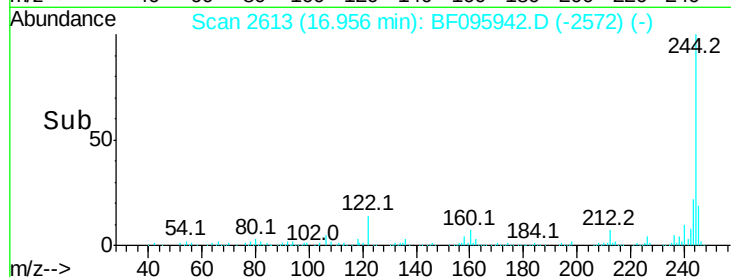
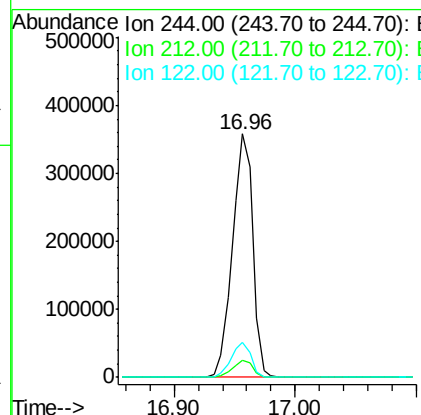
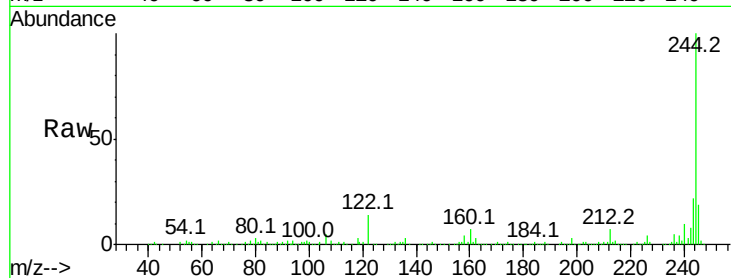
#78
 Terphenyl-d14
 Concen: 76.42 ng
 RT: 16.96 min Scan# 2613
 Delta R.T. -0.06 min
 Lab File: BF095942.D
 Acq: 15 Jun 2017 1:41

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001A

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.4	10.3	15.5

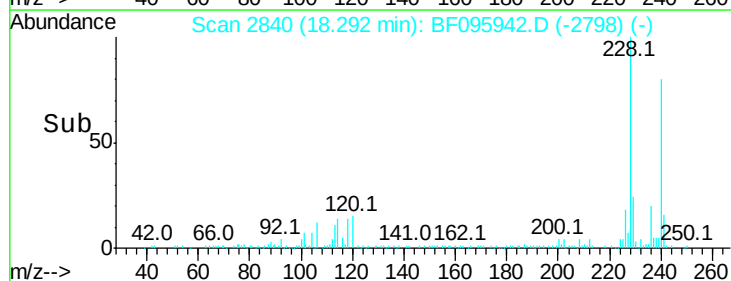
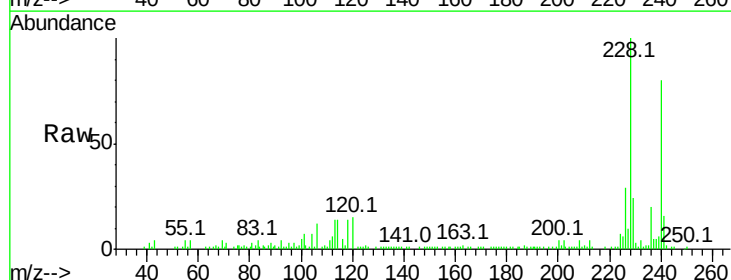
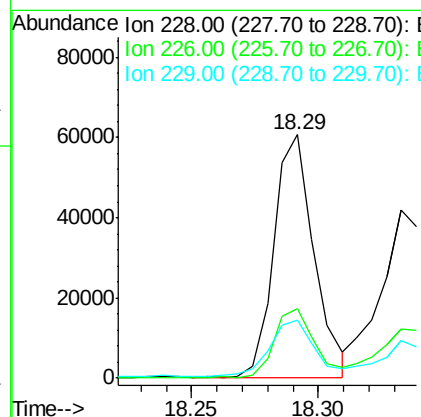
Manual Integrations
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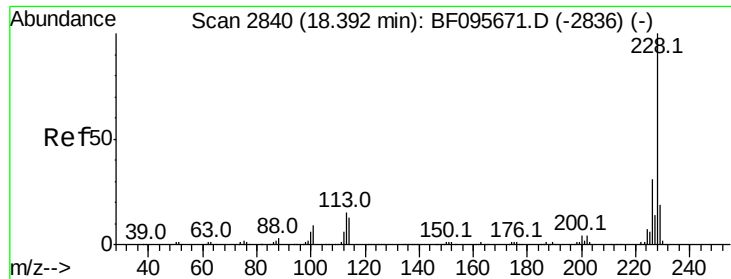
mohammad
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#80
 Benzo(a)anthracene
 Concen: 8.54 ng
 RT: 18.29 min Scan# 2840
 Delta R.T. -0.05 min
 Lab File: BF095942.D
 Acq: 15 Jun 2017 1:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	22.6	33.8
229	24.0	16.3	24.5





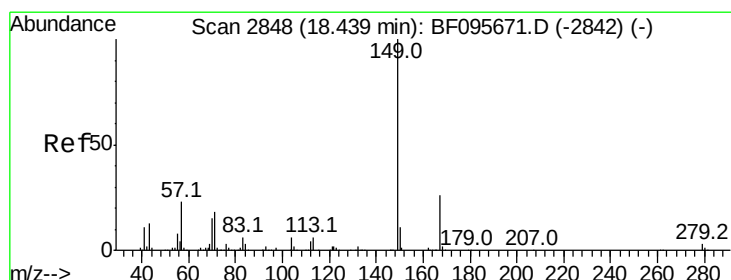
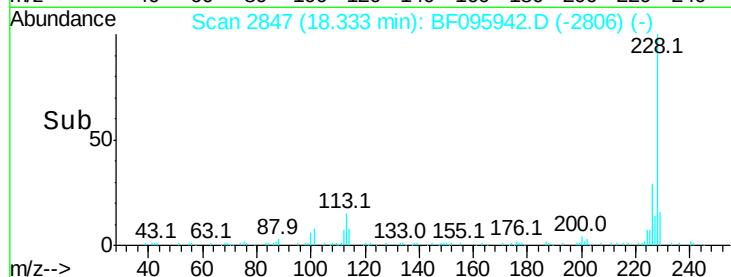
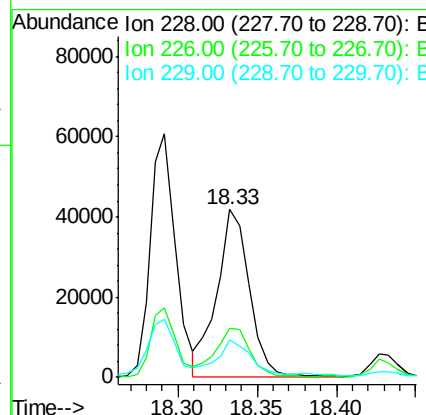
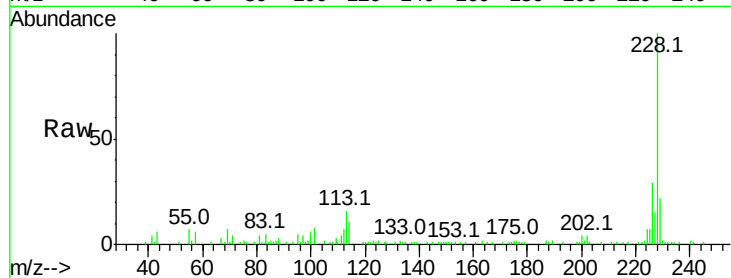
#82
 Chrysene
 Concen: 7.64 ng
 RT: 18.33 min Scan# 2847
 Delta R.T. -0.06 min
 Lab File: BF095942.D
 Acq: 15 Jun 2017 1:41

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001A

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.9	37.3
229	22.2	15.8	23.6

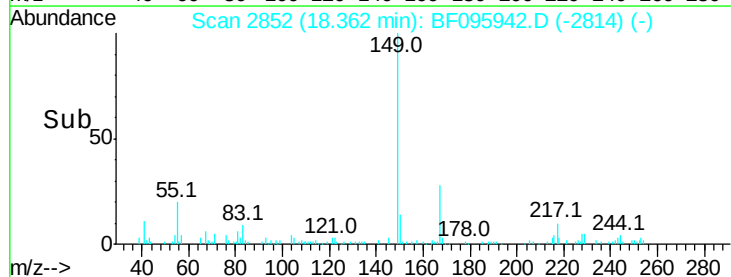
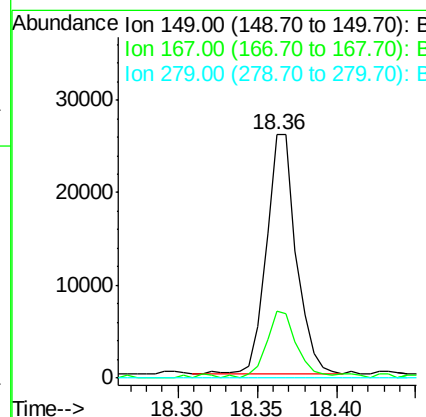
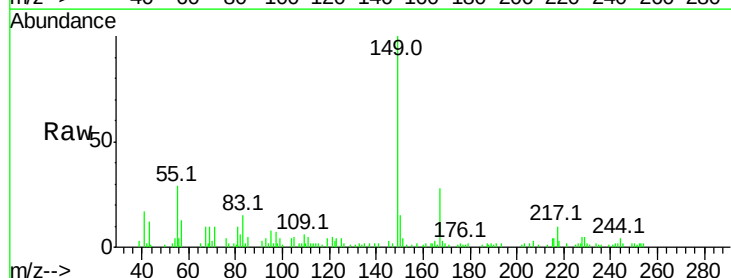
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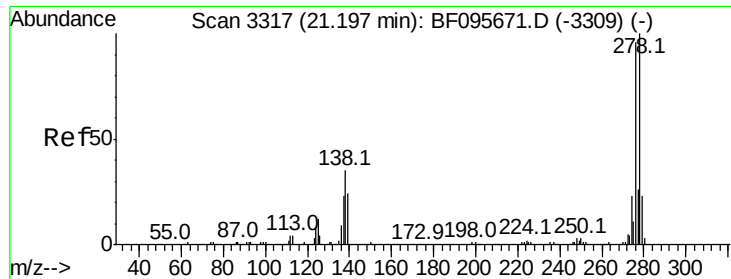
mohammad
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.45 ng
 RT: 18.36 min Scan# 2852
 Delta R.T. -0.08 min
 Lab File: BF095942.D
 Acq: 15 Jun 2017 1:41

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.0	31.4
279	0.0	1.9	2.9#





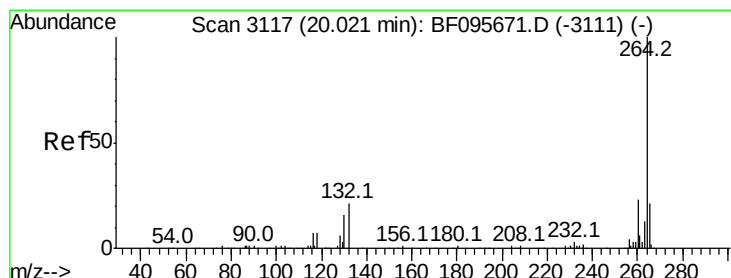
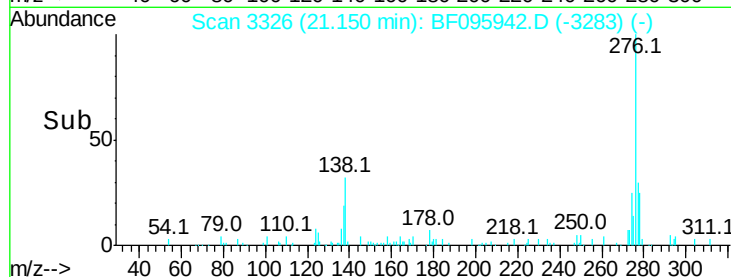
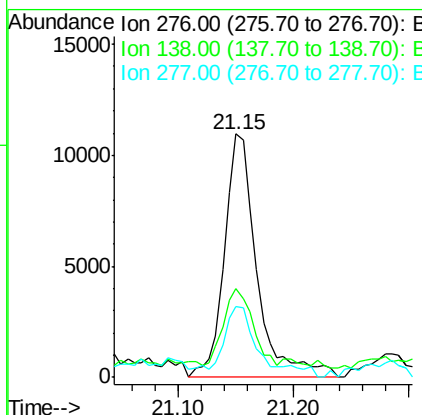
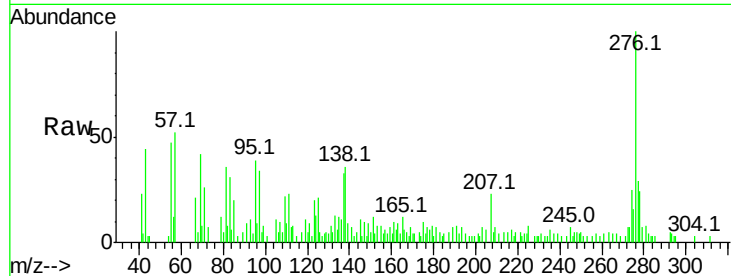
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.16 ng
 RT: 21.15 min Scan# 3326
 Delta R.T. -0.05 min
 Lab File: BF095942.D
 Acq: 15 Jun 2017 1:41

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001A

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.8	27.8	41.6
277	20.6	20.2	30.4

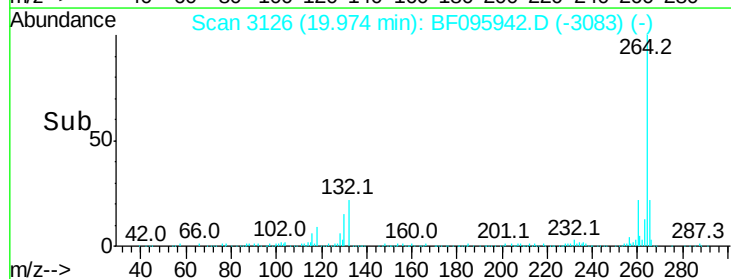
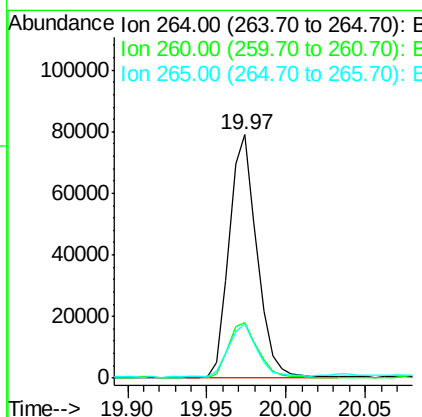
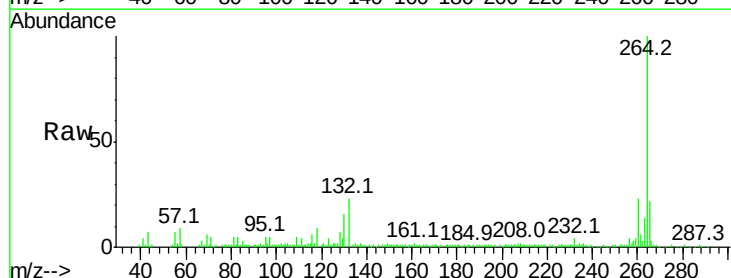
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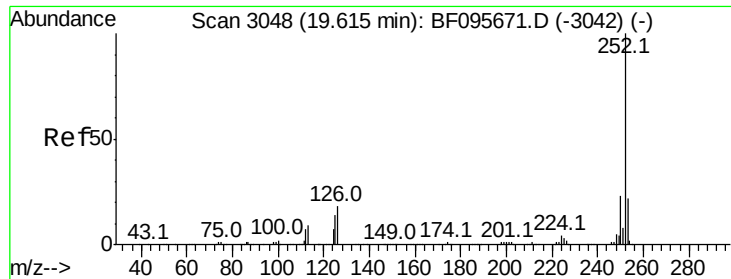
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.97 min Scan# 3126
 Delta R.T. -0.05 min
 Lab File: BF095942.D
 Acq: 15 Jun 2017 1:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	22.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 9.79 ng

RT: 19.57 min Scan# 3057

Delta R.T. -0.05 min

Lab File: BF095942.D

Acq: 15 Jun 2017 1:41

Instrument :

BNA_F

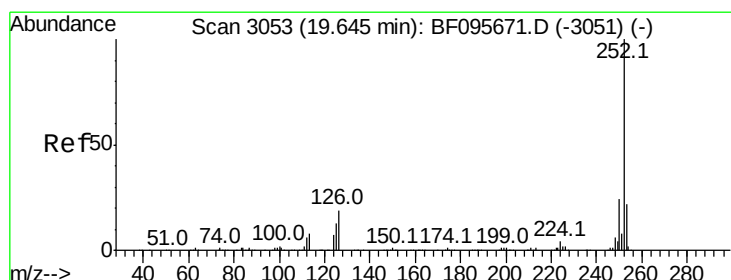
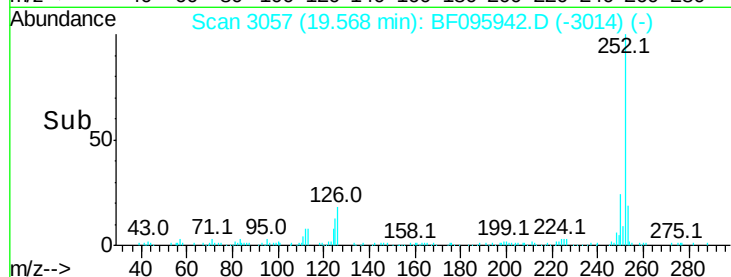
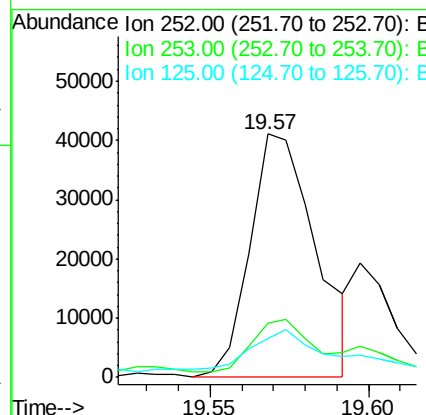
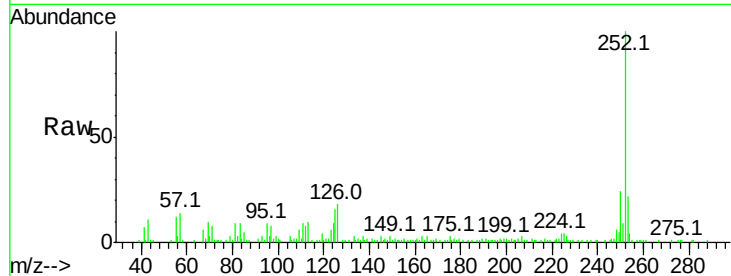
ClientSampleId :

ONSITE-001A

Tot Ion:	252	Resp:	59264
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.1	27.1
125	16.0	9.8	14.8#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 3.02 ng m

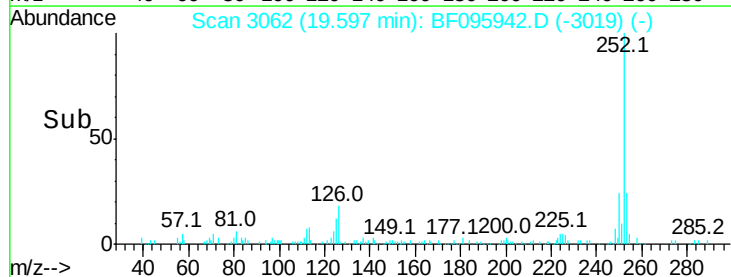
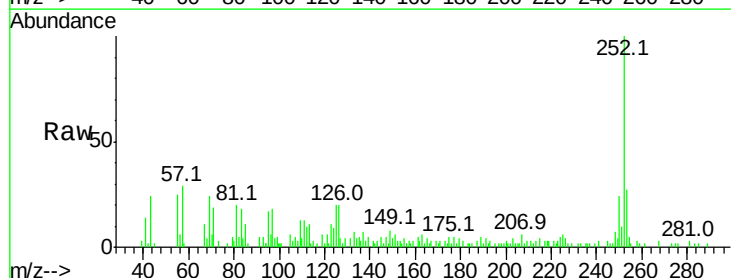
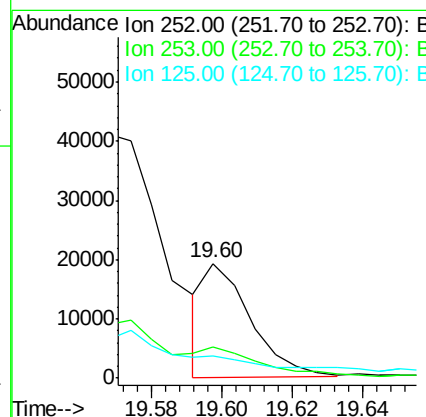
RT: 19.60 min Scan# 3062

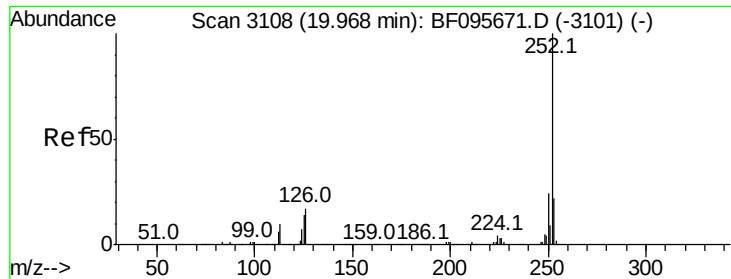
Delta R.T. -0.05 min

Lab File: BF095942.D

Acq: 15 Jun 2017 1:41

Tgt Ion:	252	Resp:	17459
Ion Ratio	Lower	Upper	
252	100		
253	27.0	18.4	27.6
125	19.6	13.1	19.7





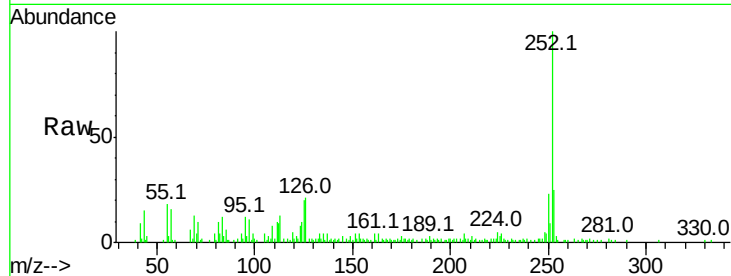
#89
Benzo(a)pyrene
Concen: 6.88 ng
RT: 19.92 min Scan# 3117
Delta R.T. -0.05 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Instrument :
BNA_F
ClientSampleId :
ONSITE-001A

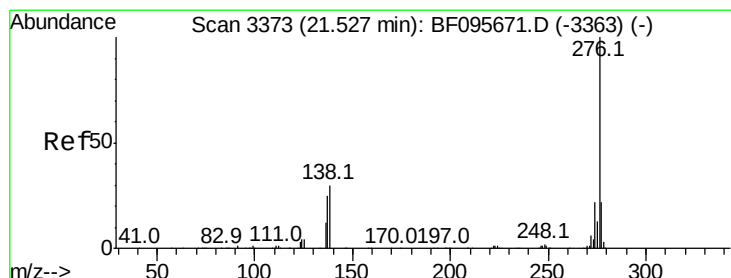
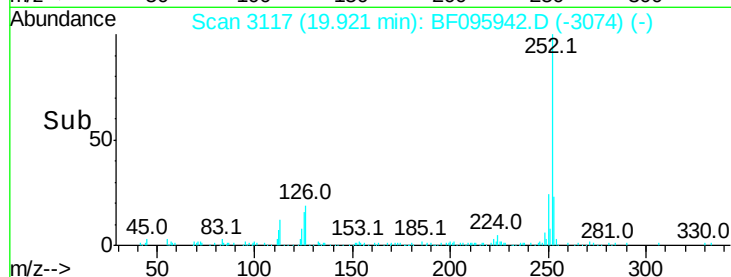
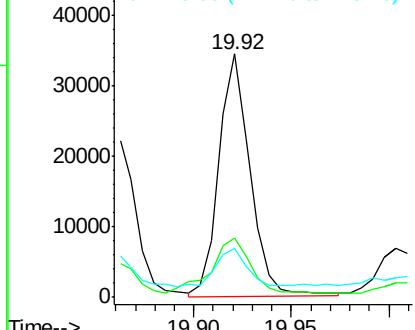
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.5	26.3
125	20.4	11.0	16.4

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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



#91
Benzo(g,h,i)perylene
Concen: 4.12 ng
RT: 21.49 min Scan# 3383
Delta R.T. -0.04 min
Lab File: BF095942.D
Acq: 15 Jun 2017 1:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.1	18.6	28.0
138	36.1	25.4	38.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

