

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
 Data File : BF095943.D
 Acq On : 15 Jun 2017 2:13
 Operator : SJ/MA
 Sample : I3664-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001B

Manual Integrations
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Quant Time: Jun 15 04:14:51 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	69287	20.00	ng	-0.06
21) Naphthalene-d8	9.37	136	278793	20.00	ng	-0.06
38) Acenaphthene-d10	12.19	164	110822	20.00	ng	-0.07
63) Phenanthrene-d10	14.58	188	170330	20.00	ng	-0.06
75) Chrysene-d12	18.30	240	139889	20.00	ng	-0.05
86) Perylene-d12	19.97	264	102215	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	325106	74.77	ng	-0.05
7) Phenol-d6	6.90	99	596914	114.67	ng	-0.05
23) Nitrobenzene-d5	8.26	82	350465	78.07	ng	-0.06
41) 2,4,6-Tribromophenol	13.49	330	22102	22.54	ng	-0.06
44) 2-Fluorobiphenyl	11.15	172	640163	80.38	ng	-0.07
78) Terphenyl-d14	16.96	244	413076	73.28	ng	-0.06
Target Compounds						Qvalue
49) Dimethylphthalate	11.84	163	97858	11.63	ng	99
70) Phenanthrene	14.62	178	104921	10.68	ng	98
71) Anthracene	14.72	178	27099	2.64	ng	97
74) Fluoranthene	16.40	202	128380	13.20	ng	99
77) Pyrene	16.70	202	111600	10.69	ng	94
80) Benzo(a)anthracene	18.29	228	47285	5.81	ng	97
82) Chrysene	18.34	228	44020	5.42	ng	98
83) Bis(2-ethylhexyl)phthalate	18.37	149	21818	3.39	ng	# 98
85) Indeno(1,2,3-cd)pyrene	21.16	276	16242	2.34	ng	# 90
87) Benzo(b)fluoranthene	19.57	252	42143m	6.58	ng	
88) Benzo(k)fluoranthene	19.60	252	13092m	2.14	ng	
89) Benzo(a)pyrene	19.92	252	28266	4.80	ng	# 88
91) Benzo(a,h,i)perylene	21.49	276	14430	2.84	ng	93

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

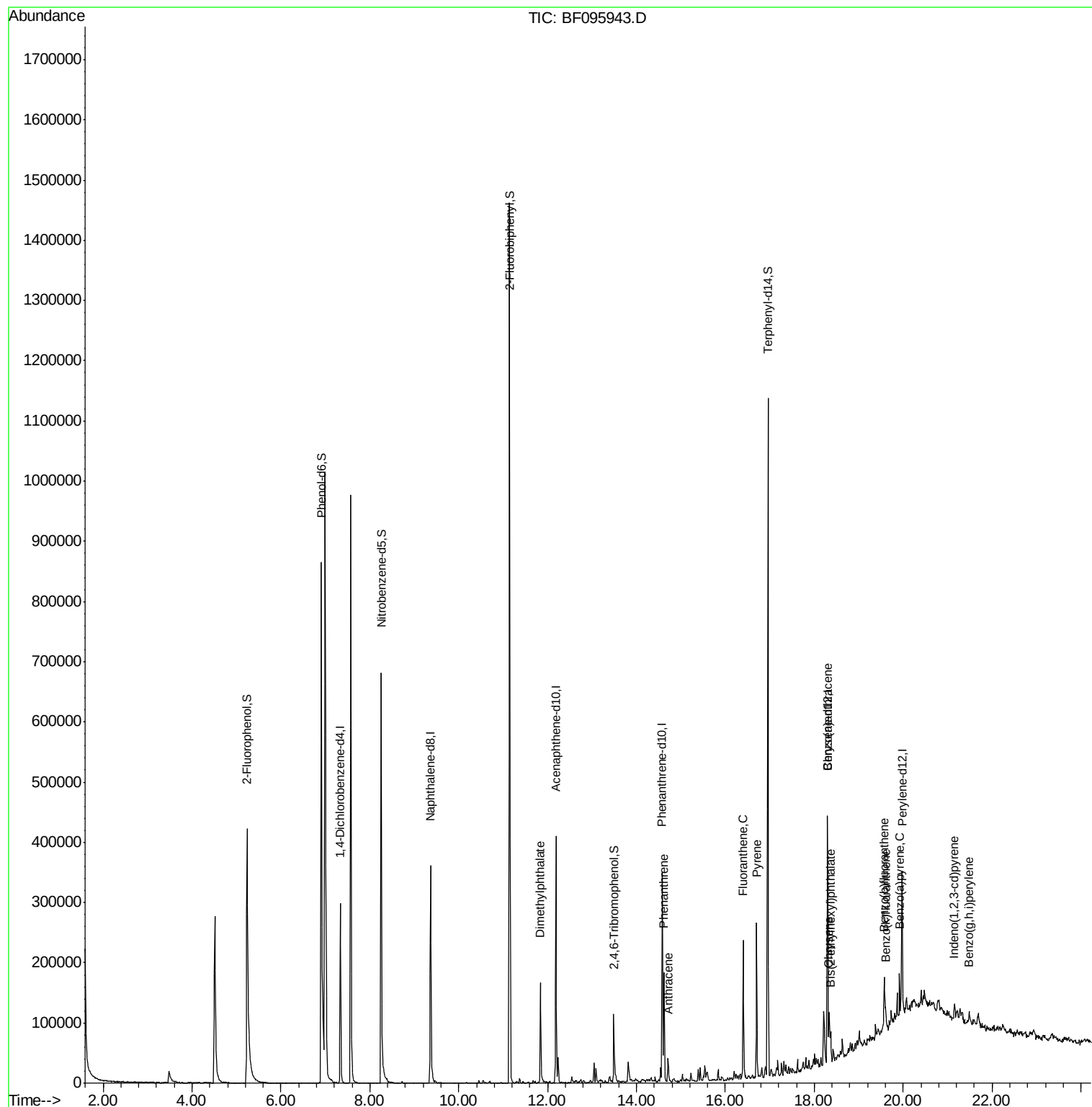
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061417\
Data File : BF095943.D
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Sample : I3664-03
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ALS Vial : 21 Sample Multiplier: 1

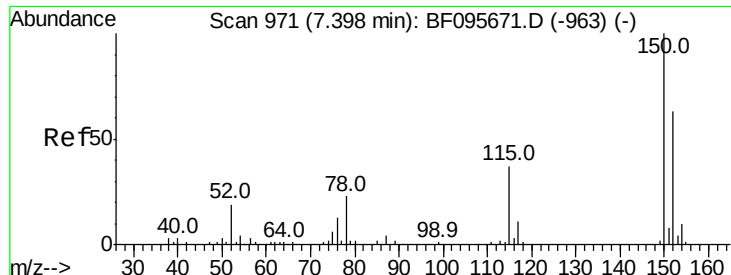
Instrument :
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Quant Time: Jun 15 04:14:51 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

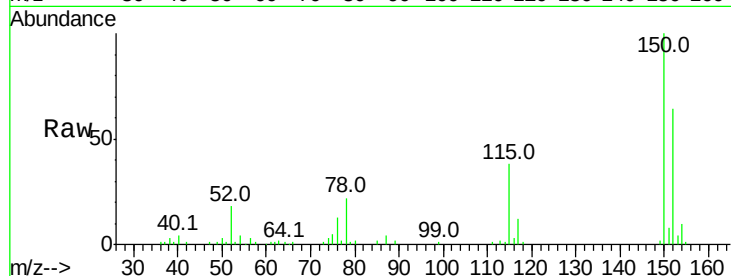
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 977
Delta R.T. -0.06 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :
ONSITE-001B

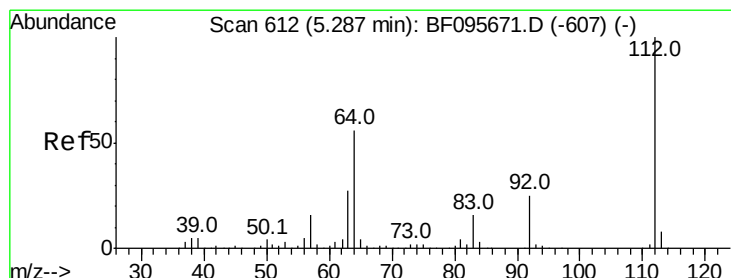
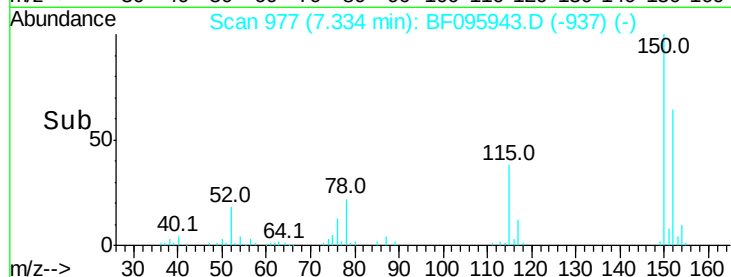
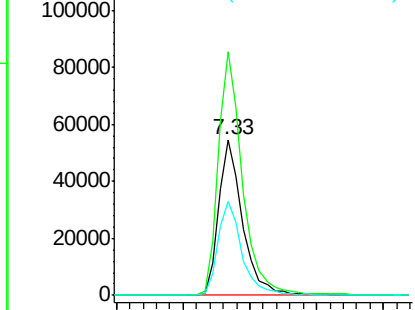
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	60.1	52.2	78.2

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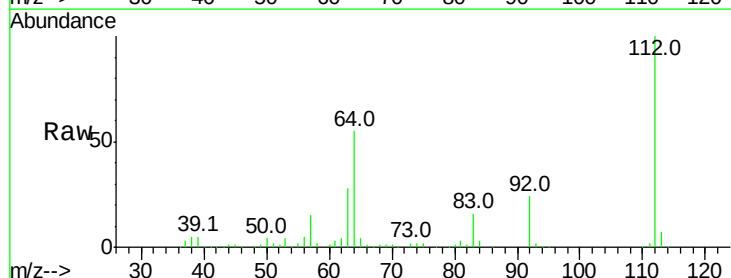
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



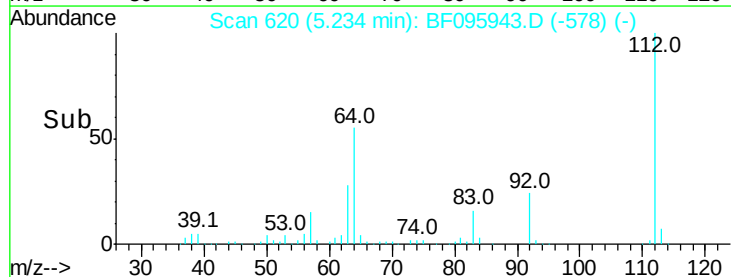
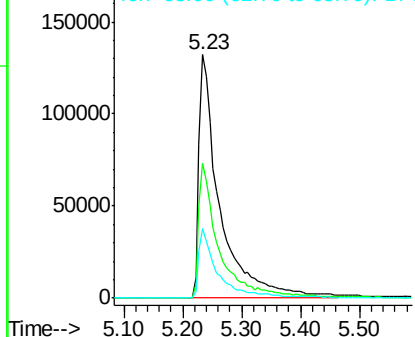
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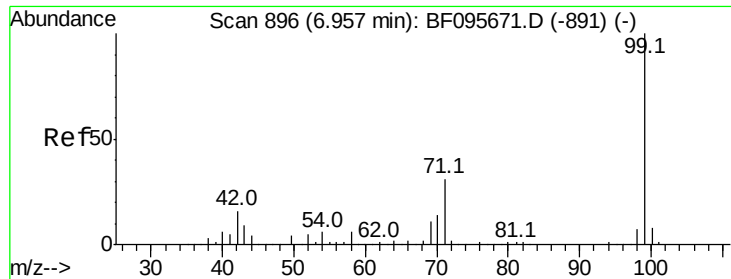
2-Fluorophenol
Concen: 74.77 ng
RT: 5.23 min Scan# 620
Delta R.T. -0.05 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	46.0	69.0
63	28.5	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: 114.67 ng

RT: 6.90 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF095943.D

Acq: 15 Jun 2017 2:13

Instrument :

BNA_F

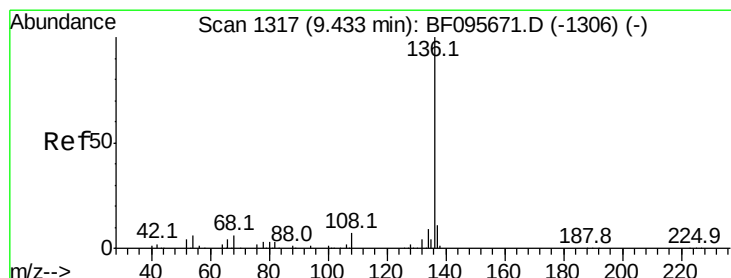
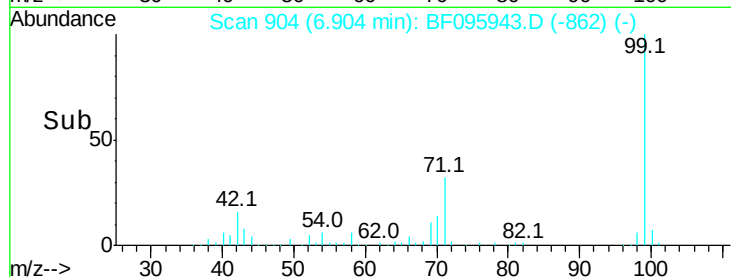
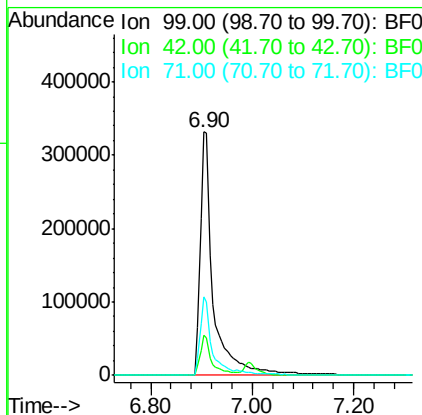
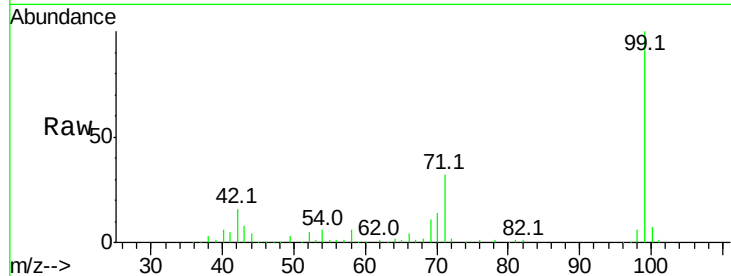
ClientSampleId :

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		596914		
42	16.3	13.5	20.3		
71	32.4	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

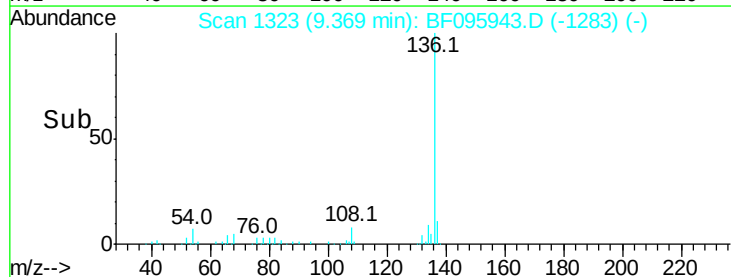
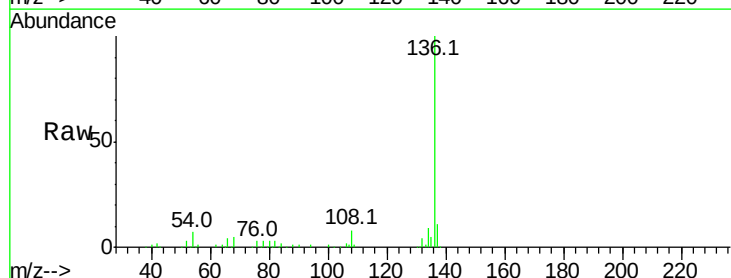
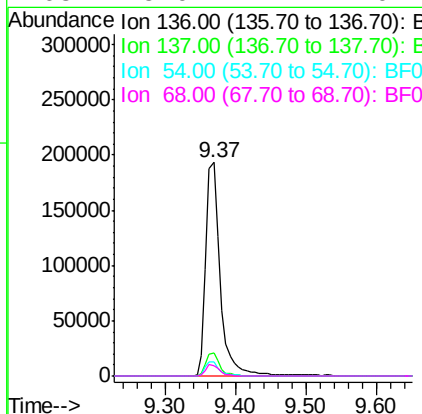
RT: 9.37 min Scan# 1323

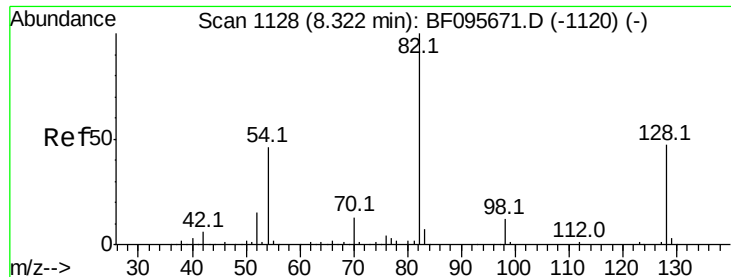
Delta R.T. -0.06 min

Lab File: BF095943.D

Acq: 15 Jun 2017 2:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		278793		
137	10.7	8.5	12.7		
54	6.6	4.9	7.3		
68	5.0	4.1	6.1		





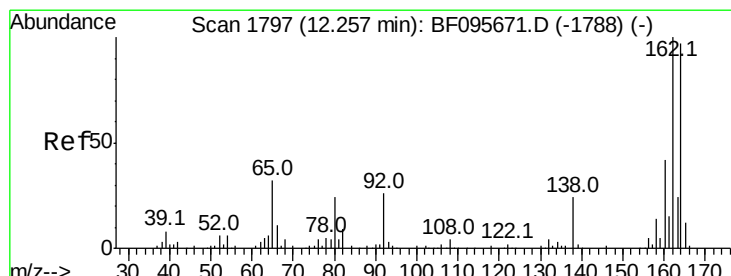
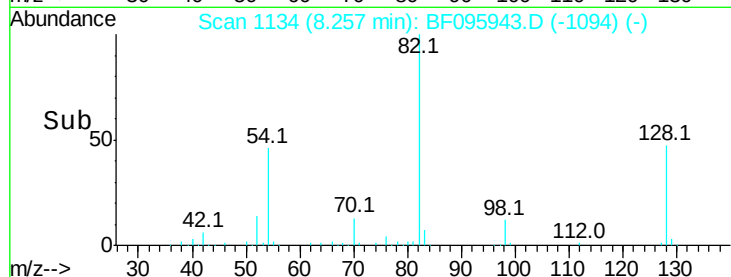
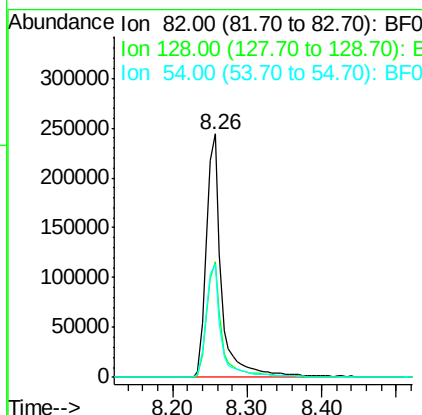
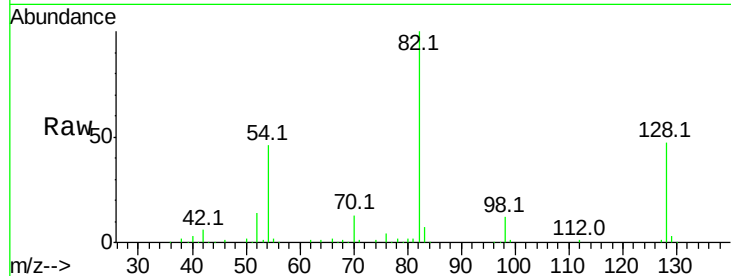
#23
 Nitrobenzene-d5
 Concen: 78.07 ng
 RT: 8.26 min Scan# 1134
 Delta R.T. -0.06 min
 Lab File: BF095943.D
 Acq: 15 Jun 2017 2:13

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	46.5	42.2	63.2

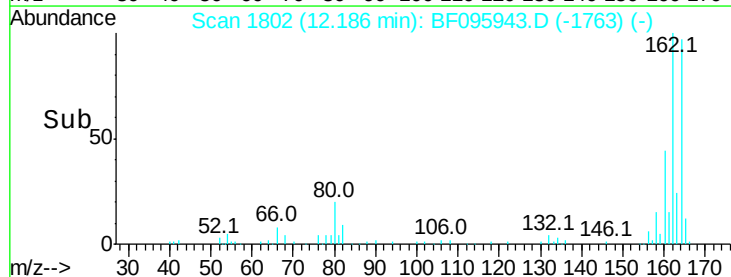
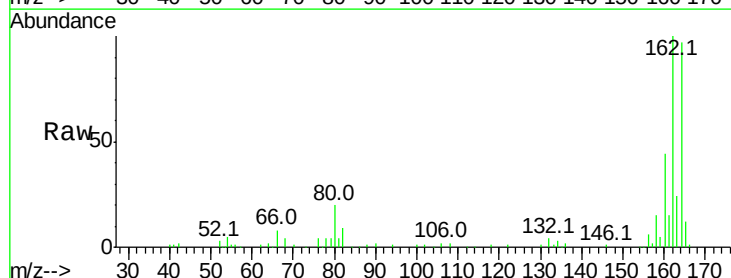
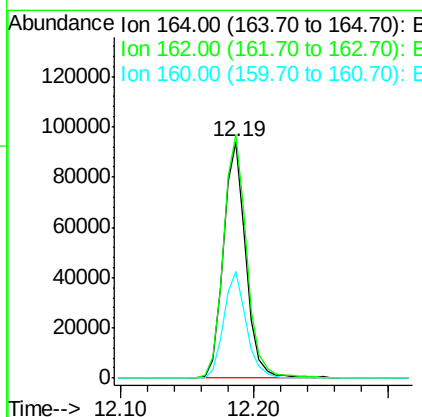
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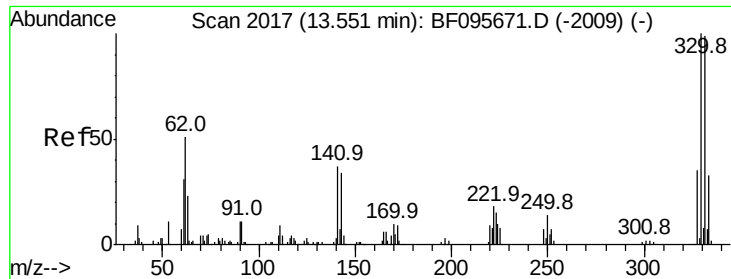
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.19 min Scan# 1802
 Delta R.T. -0.07 min
 Lab File: BF095943.D
 Acq: 15 Jun 2017 2:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	45.1	36.2	54.2





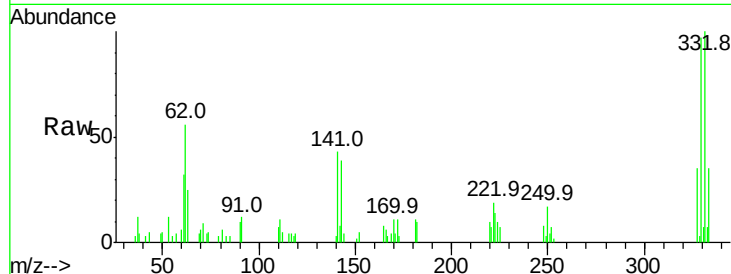
#41
2,4,6-Tribromophenol
Concen: 22.54 ng
RT: 13.49 min Scan# 2024
Delta R.T. -0.06 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :
ONSITE-001B

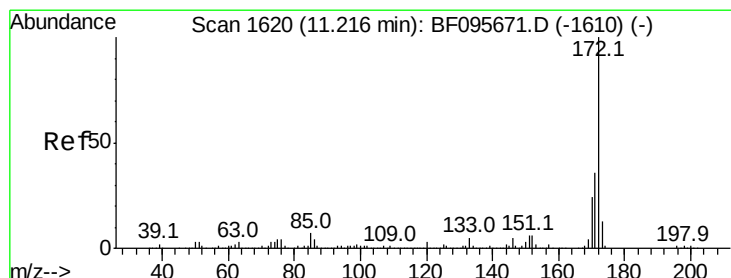
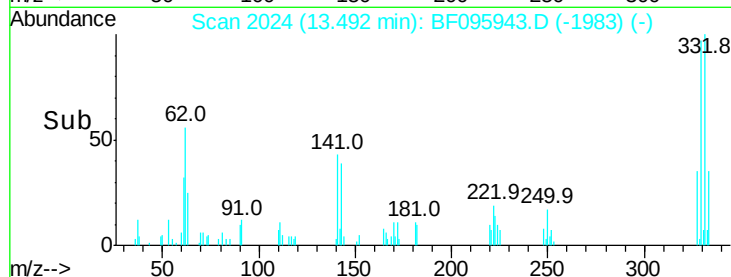
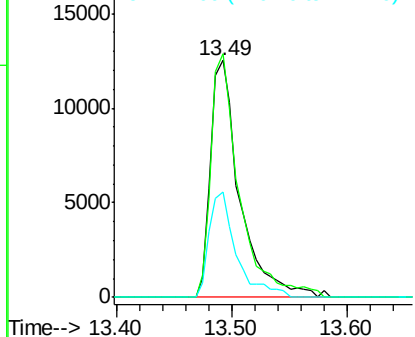
Tot Ion	Ratio	Resp	Lower	Upper
330	100	22102		
332	100.1	76.6	115.0	
141	41.2	31.4	47.2	

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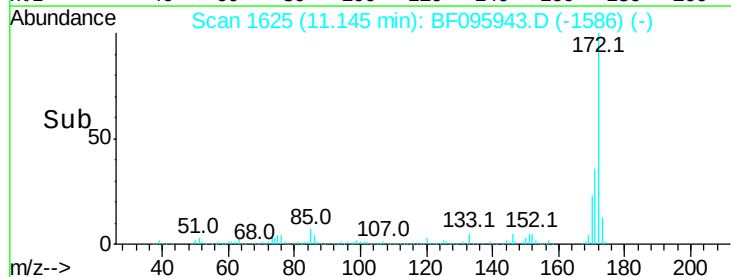
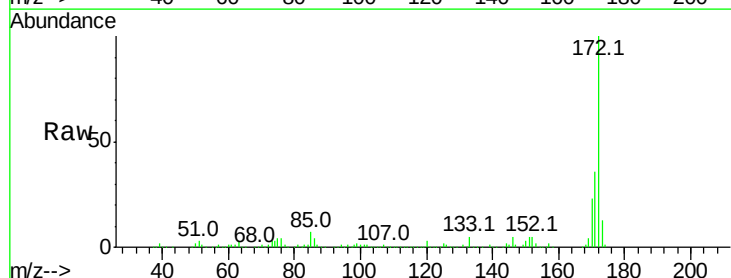
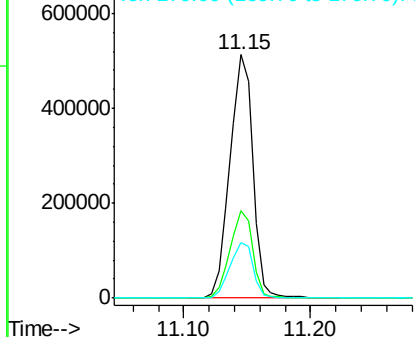
Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

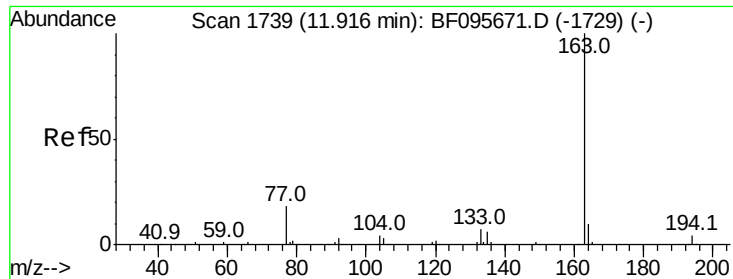


#44
2-Fluorobiphenyl
Concen: 80.38 ng
RT: 11.15 min Scan# 1625
Delta R.T. -0.07 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	640163		
171	35.9	29.6	44.4	
170	22.9	19.8	29.8	

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





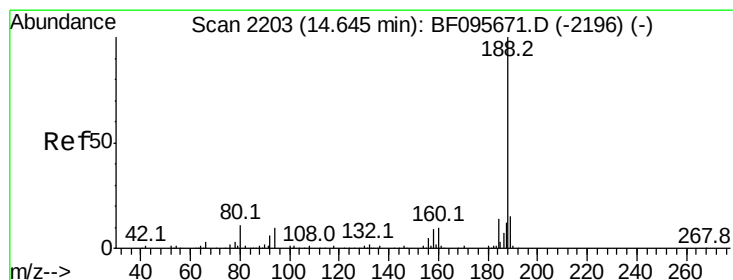
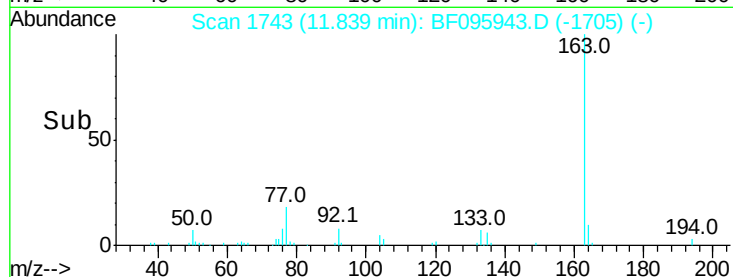
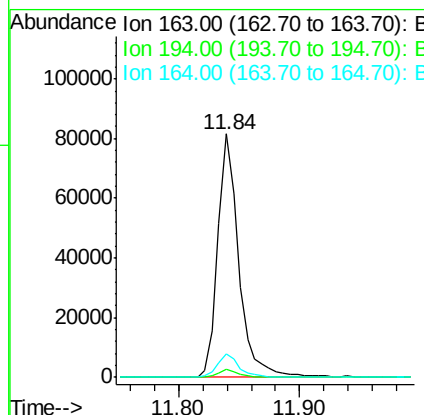
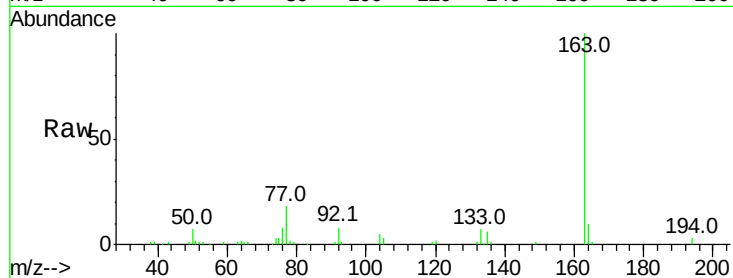
#49
Dimethylphthalate
Concen: 11.63 ng
RT: 11.84 min Scan# 1743
Delta R.T. -0.08 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampled :
ONSITE-001B

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	9.8	8.4	12.6

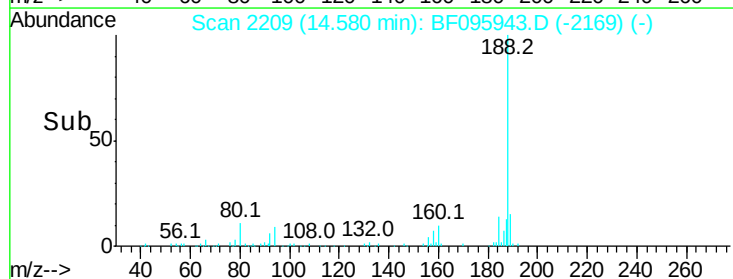
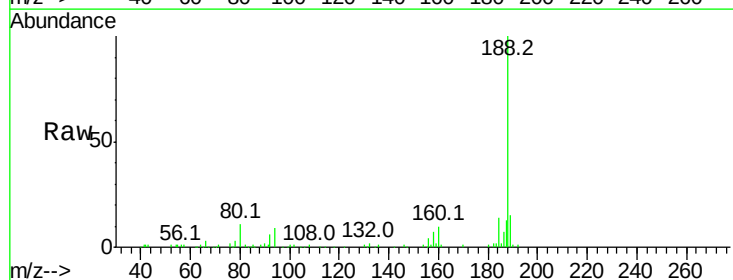
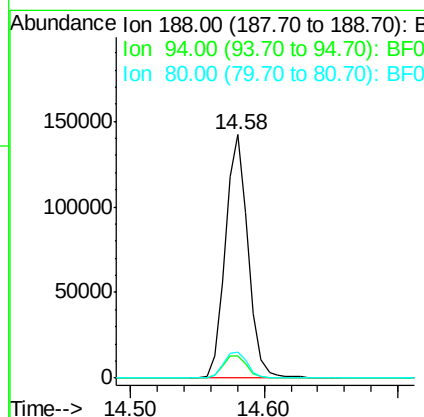
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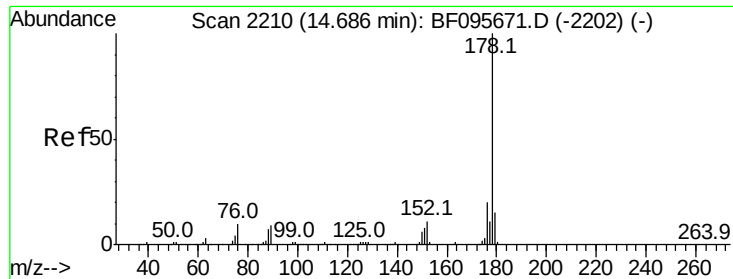
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.58 min Scan# 2209
Delta R.T. -0.06 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	9.4	14.2#
80	10.6	10.2	15.2





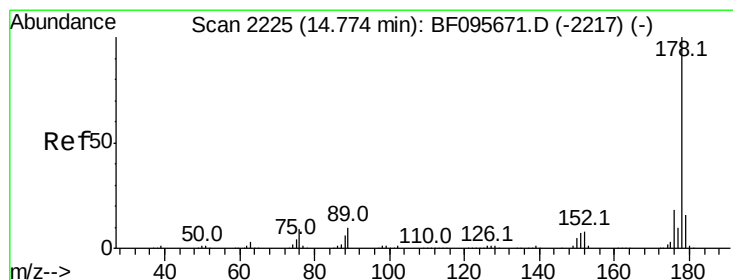
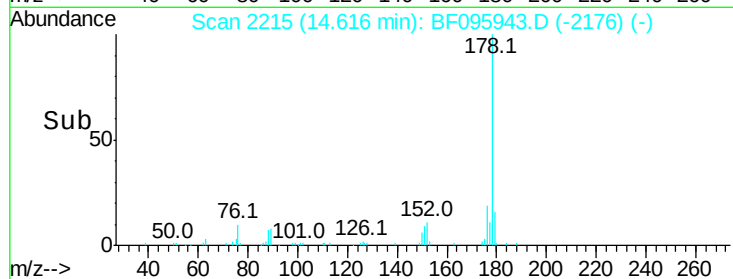
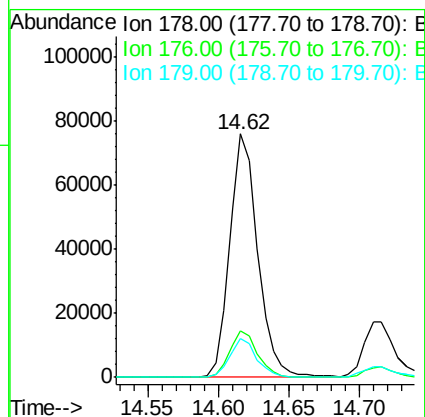
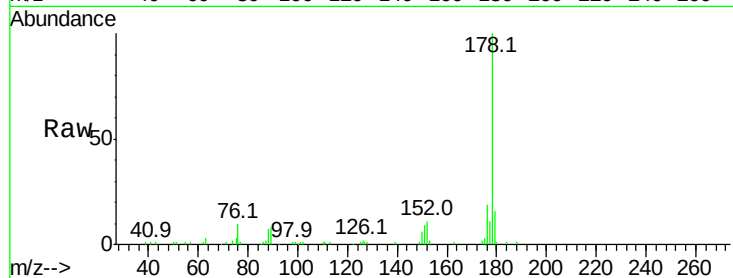
#70
Phenanthrene
Concen: 10.68 ng
RT: 14.62 min Scan# 2215
Delta R.T. -0.07 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :
ONSITE-001B

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	16.1	12.6	19.0

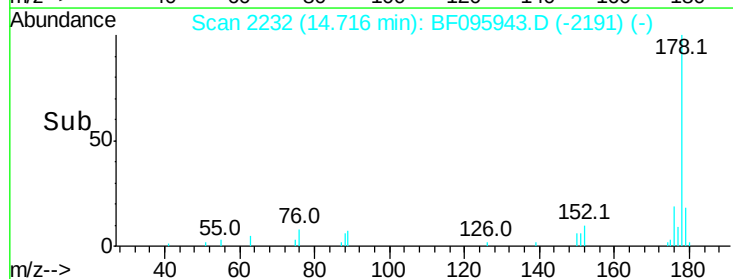
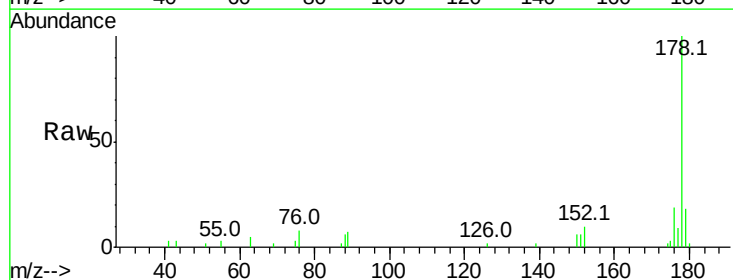
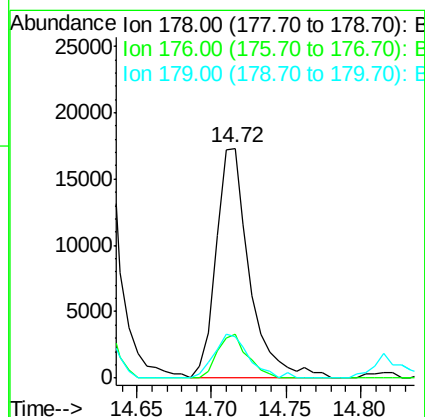
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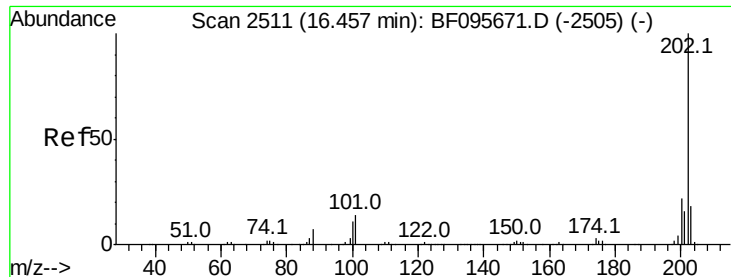
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#71
Anthracene
Concen: 2.64 ng
RT: 14.72 min Scan# 2232
Delta R.T. -0.06 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	18.1	12.7	19.1





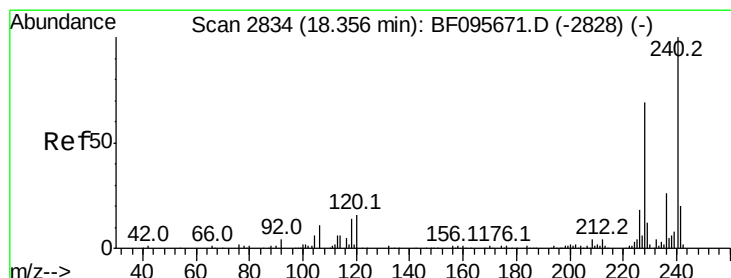
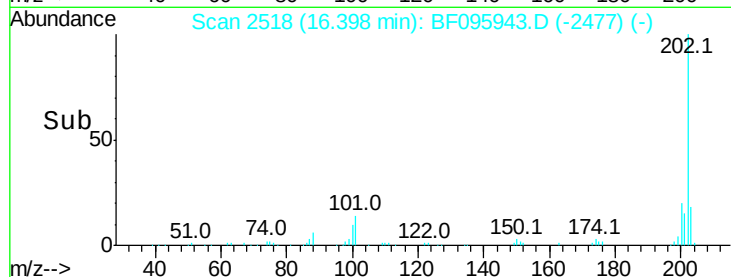
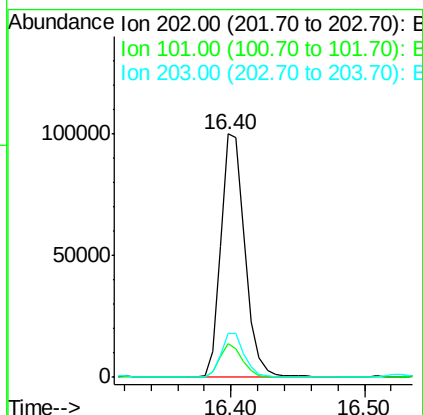
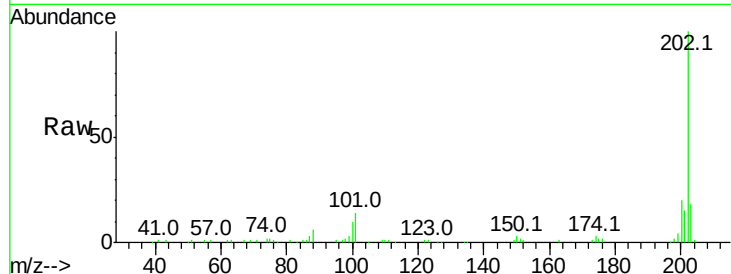
#74
Fluoranthene
Concen: 13.20 ng
RT: 16.40 min Scan# 2518
Delta R.T. -0.06 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampled :
ONSITE-001B

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.7	0.0	33.2
203	18.0	0.0	38.1

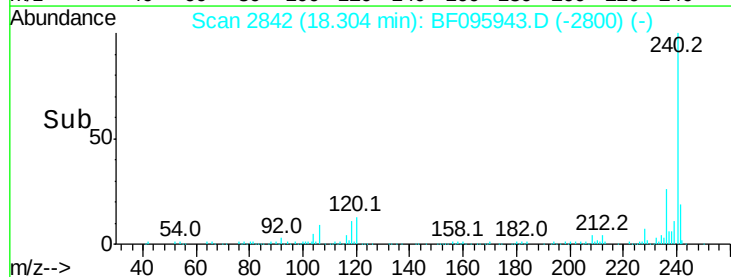
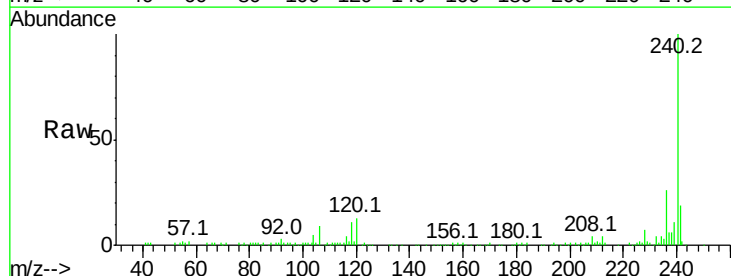
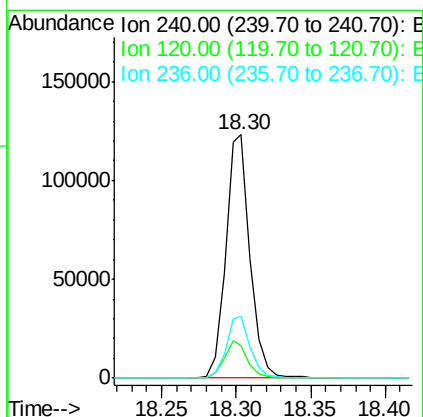
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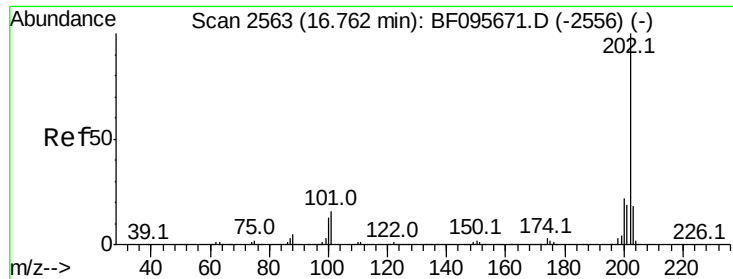
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.30 min Scan# 2842
Delta R.T. -0.05 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.1	5.8	8.8#
236	25.6	20.5	30.7





#77

Pvrene

Concen: 10.69 ng

RT: 16.70 min Scan# 2570

Delta R.T. -0.06 min

Lab File: BF095943.D

Acq: 15 Jun 2017 2:13

Instrument :

BNA_F

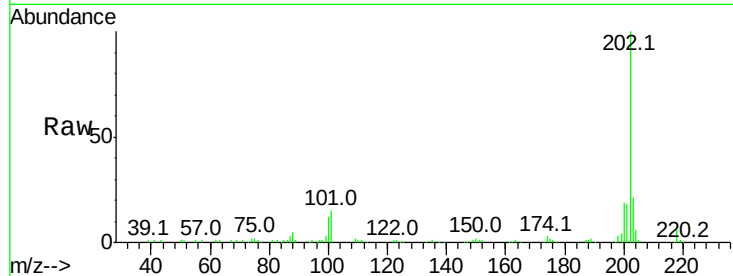
ClientSampled :

ONSITE-001B

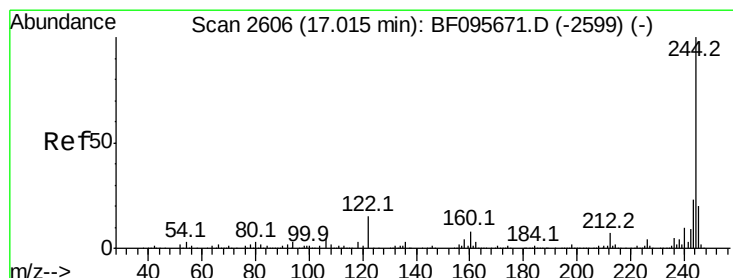
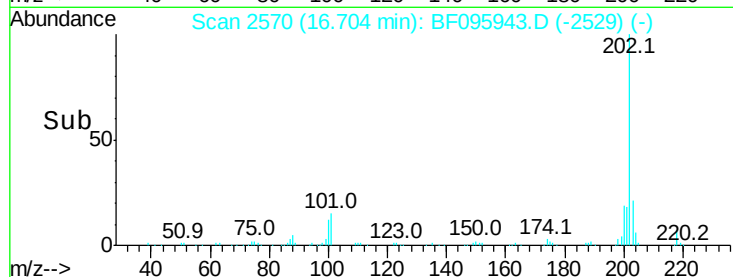
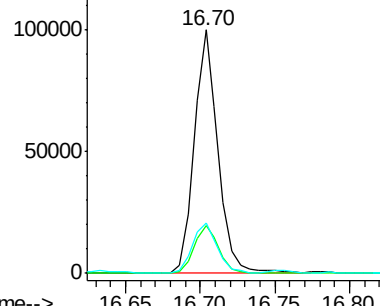
Tot Ion:	202	Resp:	111600
Ion Ratio	Lower	Upper	
202	100		
200	19.4	17.6	26.4
203	20.6	14.4	21.6

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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



#78

Terphenyl-d14

Concen: 73.28 ng

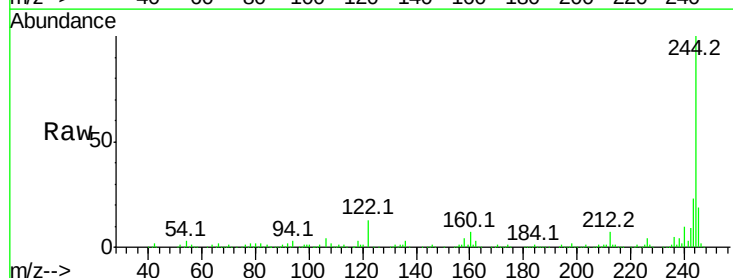
RT: 16.96 min Scan# 2613

Delta R.T. -0.06 min

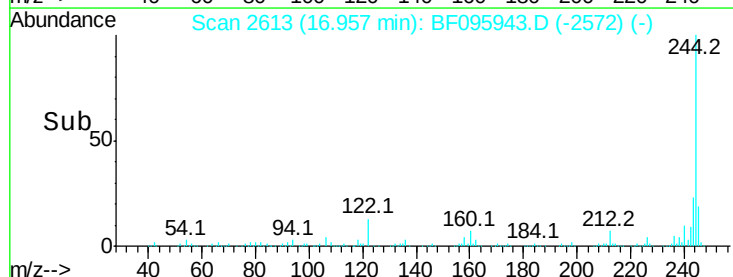
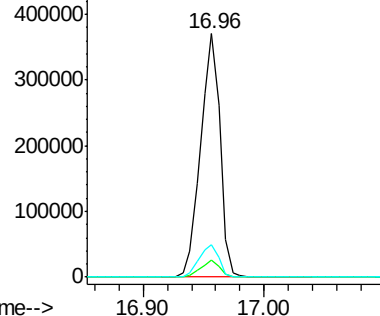
Lab File: BF095943.D

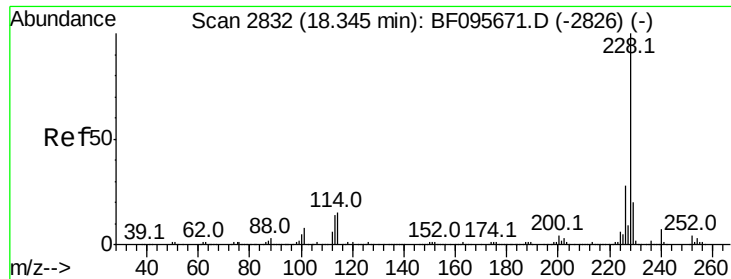
Acq: 15 Jun 2017 2:13

Tgt Ion:	244	Resp:	413076
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	13.3	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





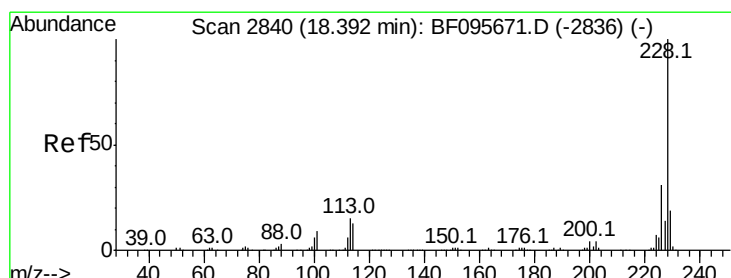
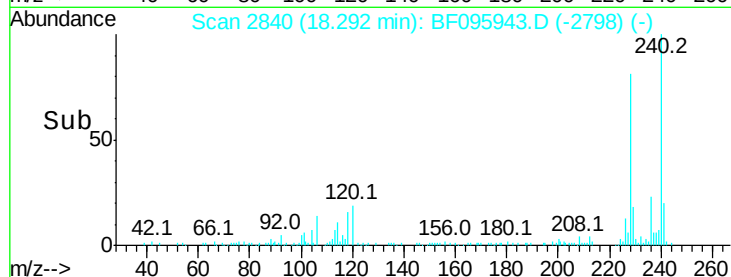
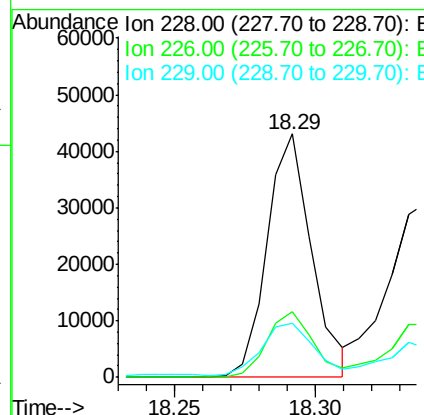
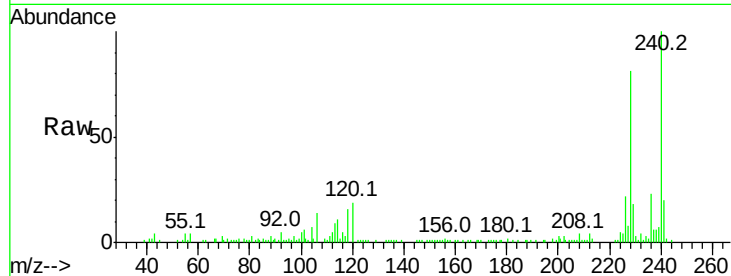
#80
Benzo(a)anthracene
Concen: 5.81 ng
RT: 18.29 min Scan# 2840
Delta R.T. -0.05 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :
ONSITE-001B

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.6	33.8
229	22.3	16.3	24.5

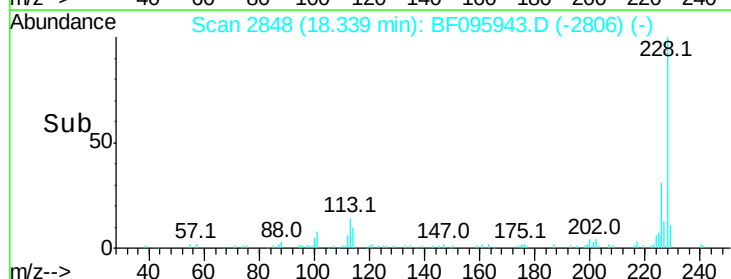
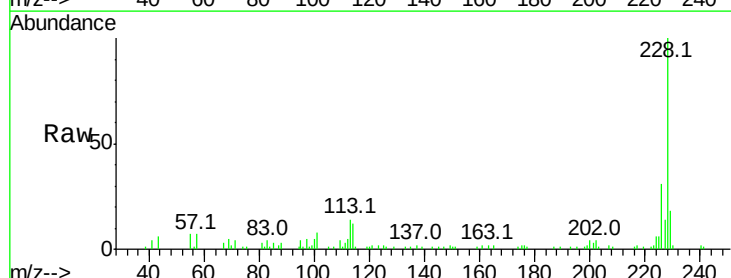
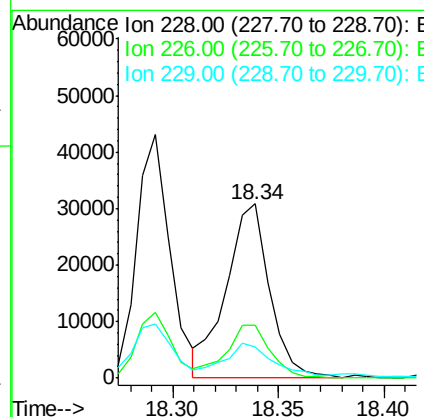
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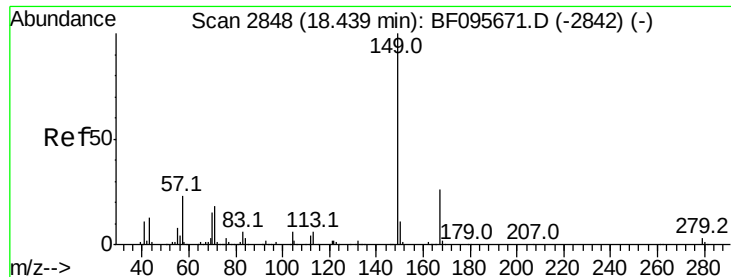
mohammad
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#82
Chrysene
Concen: 5.42 ng
RT: 18.34 min Scan# 2848
Delta R.T. -0.05 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	17.9	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.39 ng

RT: 18.37 min Scan# 2853

Delta R.T. -0.07 min

Lab File: BF095943.D

Acq: 15 Jun 2017 2:13

Instrument :

BNA_F

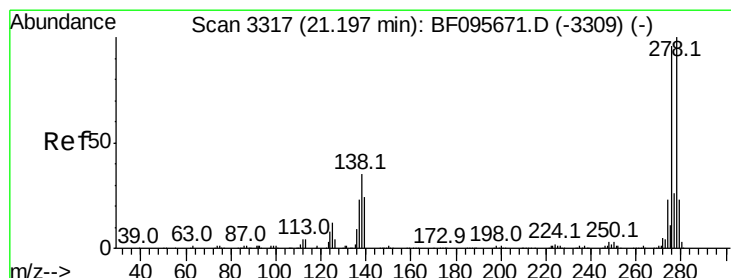
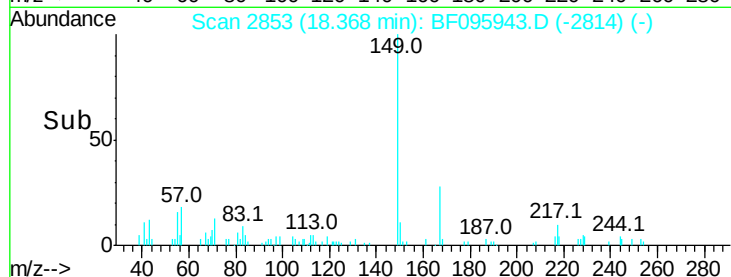
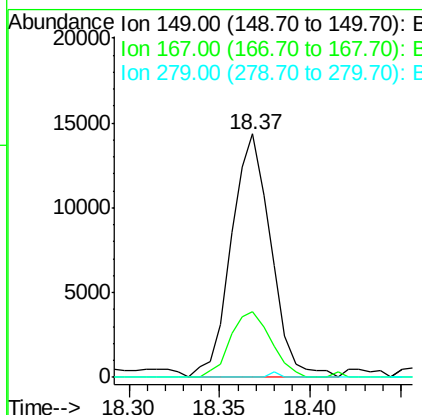
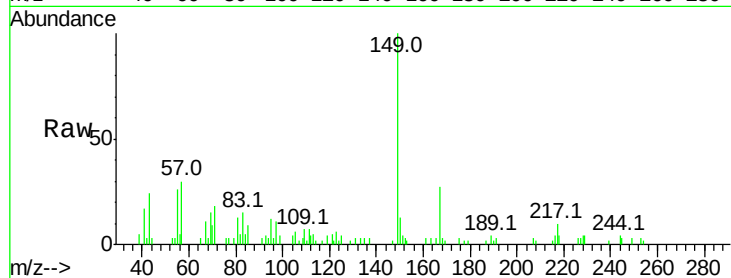
ClientSampleId :

ONSITE-001B

Tot Ion:	149	Resp:	21818
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.0	31.4
279	0.0	1.9	2.9#

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.34 ng

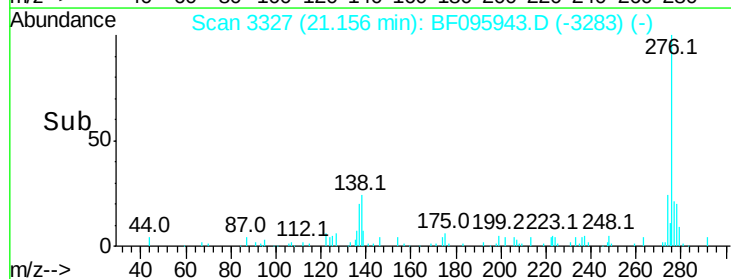
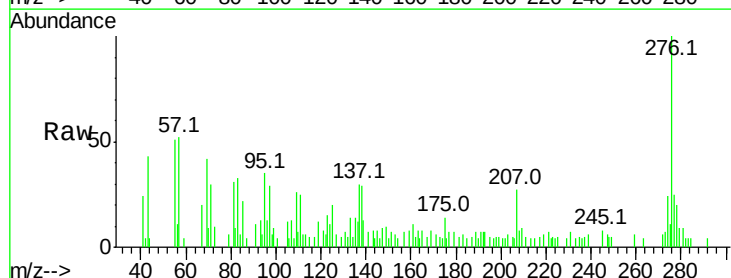
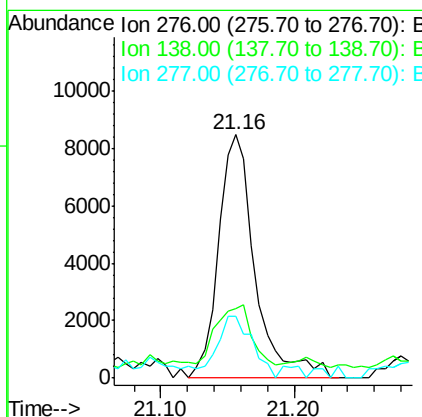
RT: 21.16 min Scan# 3327

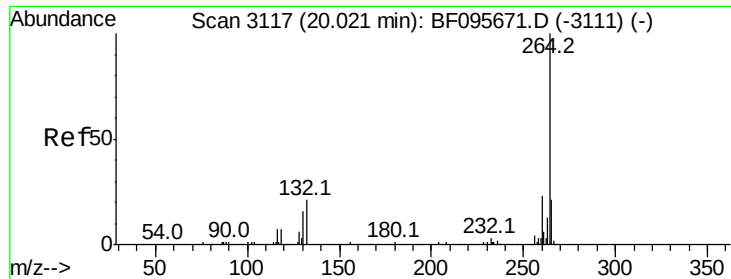
Delta R.T. -0.04 min

Lab File: BF095943.D

Acq: 15 Jun 2017 2:13

Tgt Ion:	276	Resp:	16242
Ion Ratio	Lower	Upper	
276	100		
138	25.5	27.8	41.6#
277	24.2	20.2	30.4





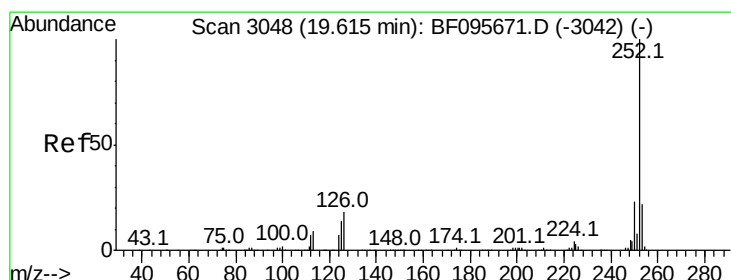
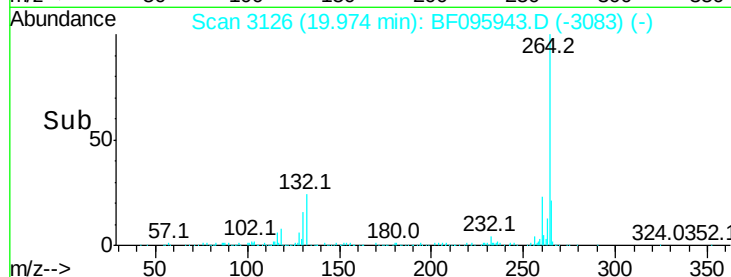
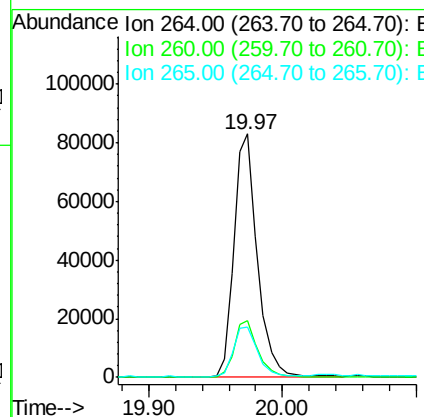
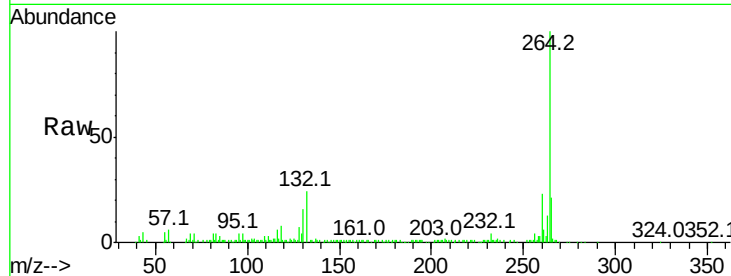
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.97 min Scan# 3126
Delta R.T. -0.05 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :
ONSITE-001B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	20.6	17.2	25.8

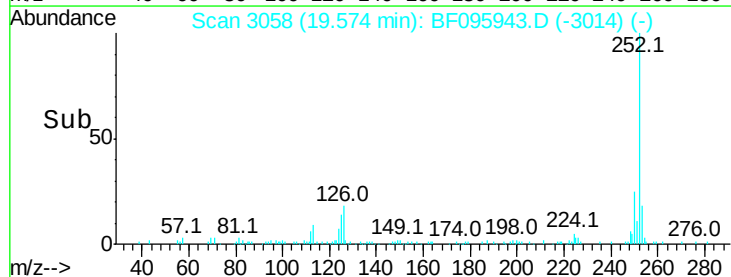
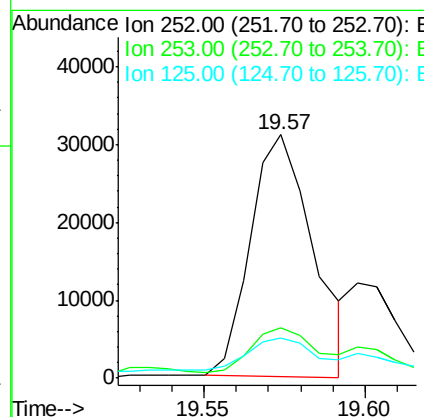
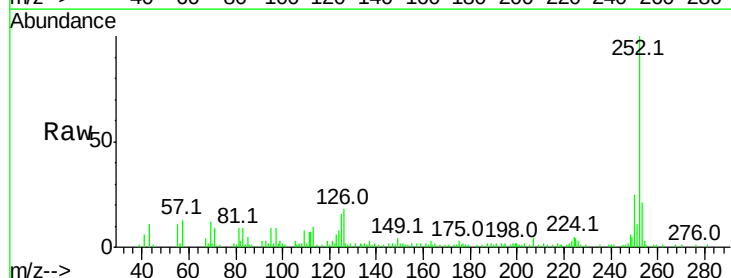
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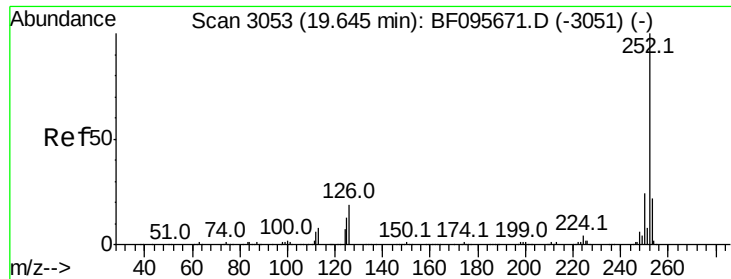
mohammad
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#87
Benzo(b)fluoranthene
Concen: 6.58 ng m
RT: 19.57 min Scan# 3058
Delta R.T. -0.04 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.1	27.1
125	16.3	9.8	14.8





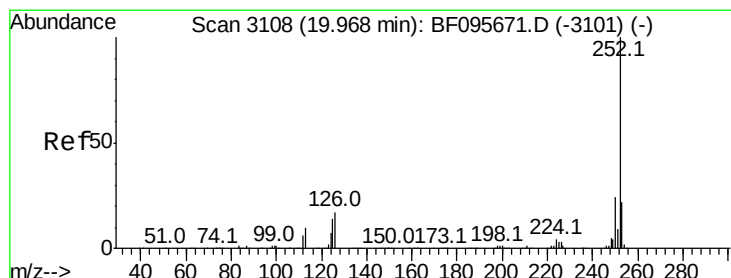
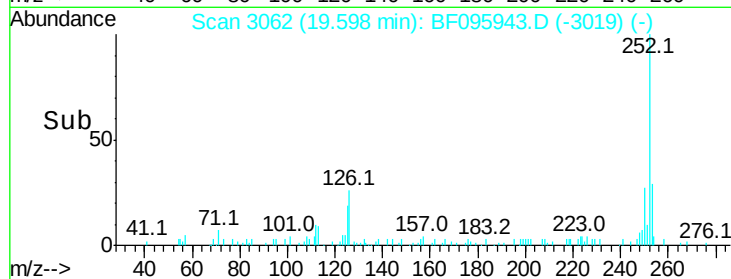
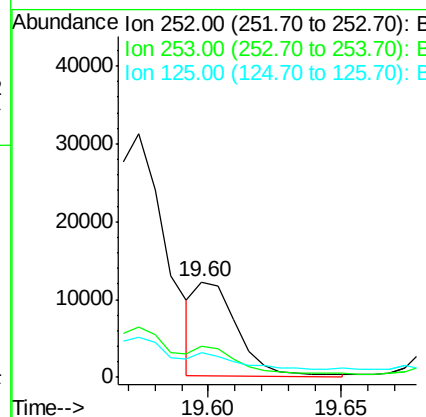
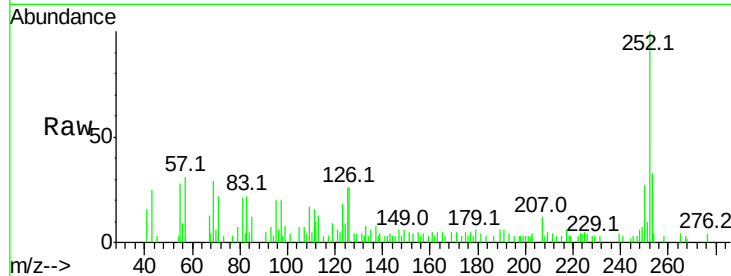
#88
Benzo(k)fluoranthene
Concen: 2.14 ng m
RT: 19.60 min Scan# 3062
Delta R.T. -0.05 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Instrument :
BNA_F
ClientSampleId :
ONSITE-001B

Tot Ion	Ratio	Lower	Upper
252	100		
253	33.1	18.4	27.6#
125	26.4	13.1	19.7#

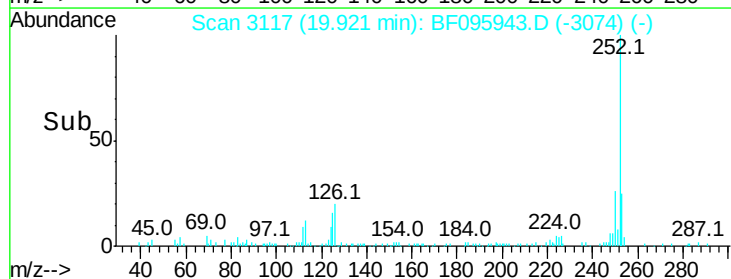
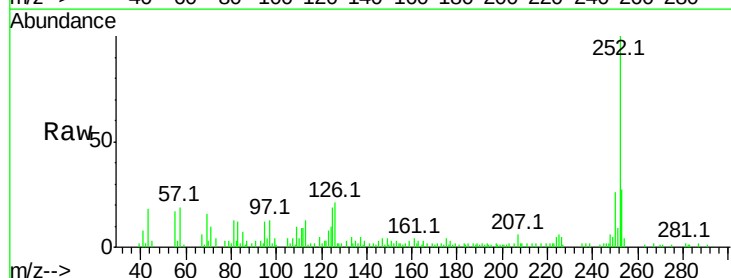
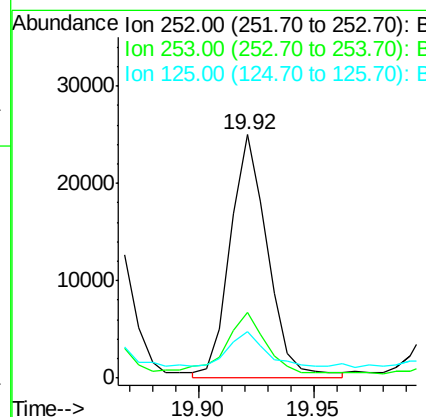
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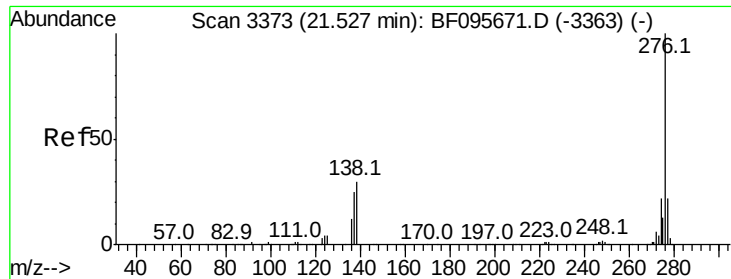
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#89
Benzo(a)pyrene
Concen: 4.80 ng
RT: 19.92 min Scan# 3117
Delta R.T. -0.05 min
Lab File: BF095943.D
Acq: 15 Jun 2017 2:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.9	17.5	26.3#
125	19.3	11.0	16.4#





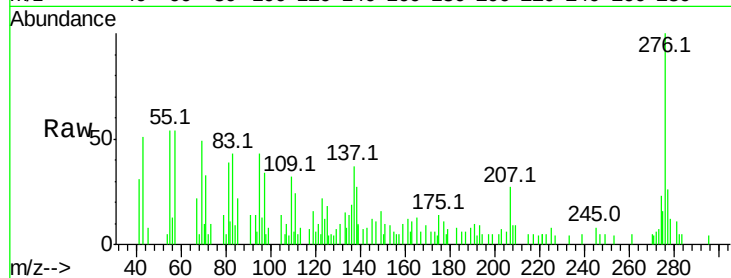
#91
 Benzo(a,h,i)perylene
 Concen: 2.84 ng
 RT: 21.49 min Scan# 3383
 Delta R.T. -0.04 min
 Lab File: BF095943.D
 Acq: 15 Jun 2017 2:13

Instrument :
 BNA_F
 ClientSampleId :
 ONSITE-001B

Tot Ion:	276	Resp:	14430
Ion Ratio		Lower	Upper
276	100		
277	25.8	18.6	28.0
138	36.2	25.4	38.0

Manual Integrations
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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

