

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
 Data File : BF095805.D
 Acq On : 9 Jun 2017 2:55
 Operator : SJ/MA
 Sample : I3470-05 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-47-20170602

Manual Integrations
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Quant Time: Jun 09 05:02:49 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	7.37	152	72430	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	286371	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	113647	20.00	ng	-0.04
63) Phenanthrene-d10	14.61	188	176173	20.00	ng	-0.04
75) Chrysene-d12	18.33	240	140717	20.00	ng	-0.02
86) Perylene-d12	20.00	264	106169	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	101596	22.35	ng	-0.02
7) Phenol-d6	6.94	99	125516	23.07	ng	-0.02
23) Nitrobenzene-d5	8.29	82	69786	15.13	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	19689	19.58	ng	-0.03
44) 2-Fluorobiphenyl	11.17	172	146324	17.92	ng	-0.04
78) Terphenyl-d14	16.99	244	94132	16.60	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	11.87	163	18833	2.18	ng	# 97
70) Phenanthrene	14.65	178	146203	14.38	ng	96
71) Anthracene	14.74	178	27699	2.61	ng	92
74) Fluoranthene	16.43	202	208053	20.68	ng	98
77) Pyrene	16.73	202	208712	19.88	ng	97
80) Benzo(a)anthracene	18.32	228	96765	11.83	ng	96
82) Chrysene	18.36	228	102727	12.56	ng	97
85) Indeno(1,2,3-cd)pyrene	21.17	276	36966	5.28	ng	94
87) Benzo(b)fluoranthene	19.60	252	95748	14.40	ng	# 97
88) Benzo(k)fluoranthene	19.62	252	30087m	4.73	ng	
89) Benzo(a)pyrene	19.94	252	65053	10.65	ng	98
91) Benzo(a,h,i)perylene	21.50	276	37818	7.16	ng	95

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

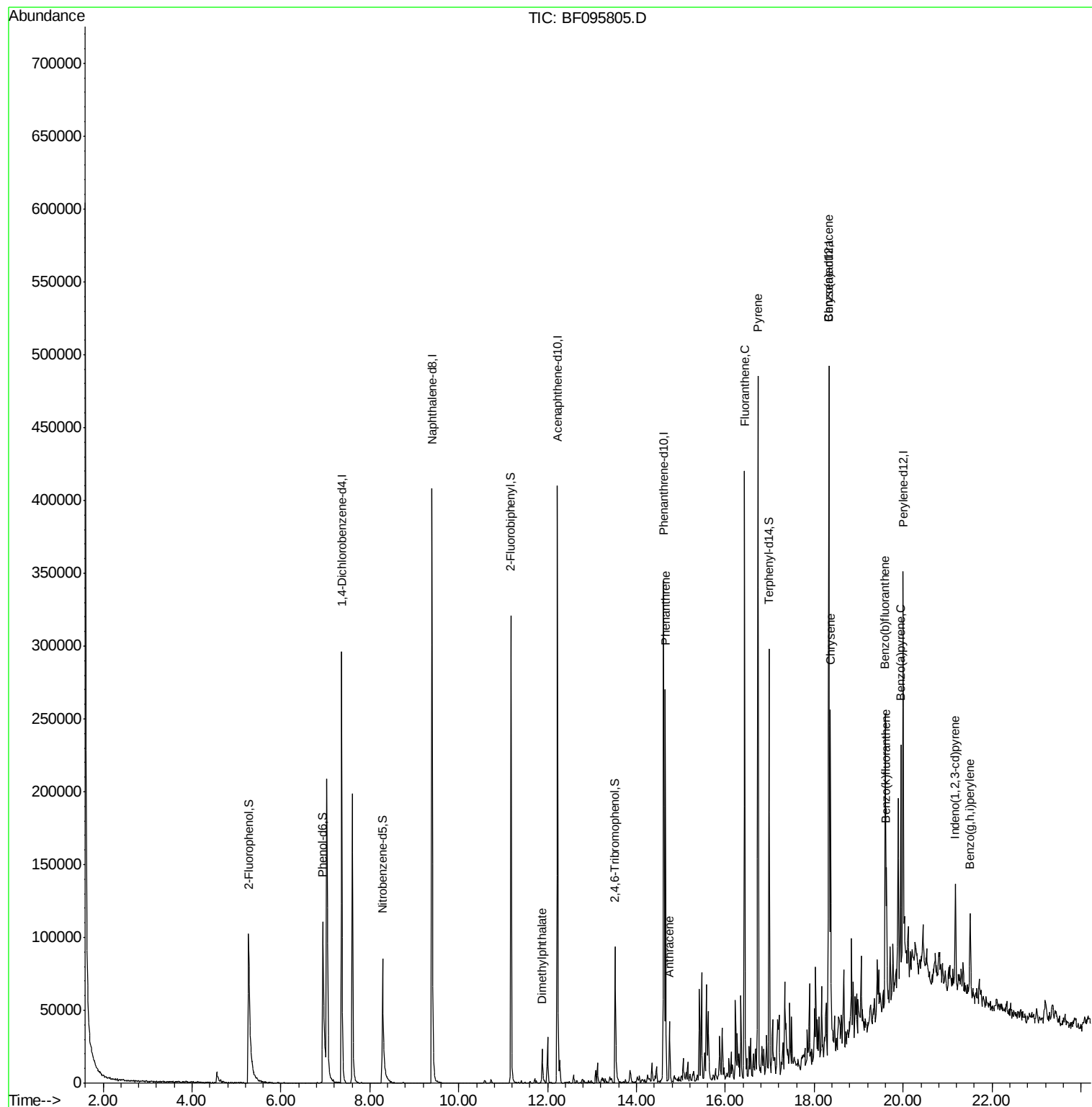
Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
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#1

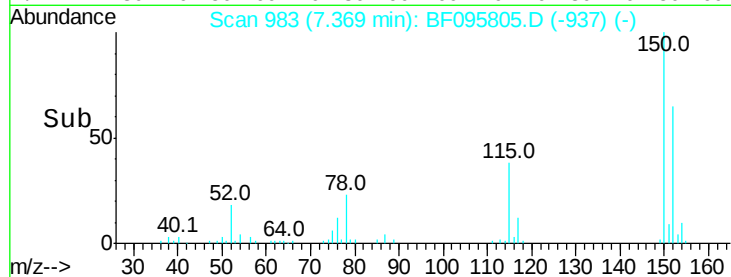
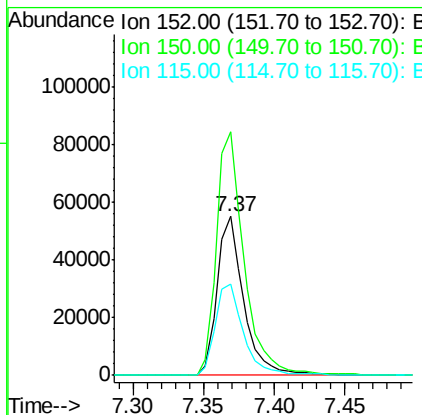
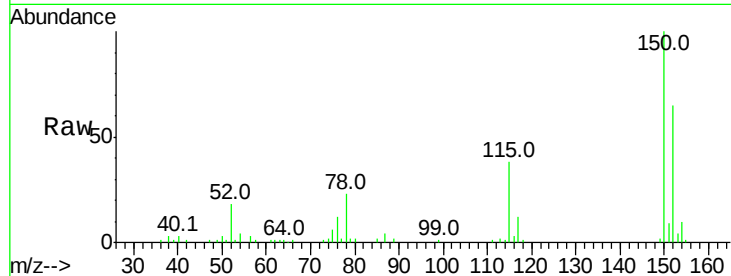
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095805.D
Acq: 9 Jun 2017 2:55

Instrument :
BNA_F
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Tot Ion	Ratio	Lower	Upper
152	100		
150	153.1	126.2	189.2
115	57.6	52.2	78.2

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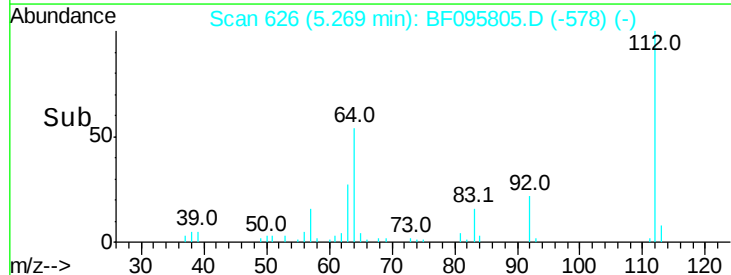
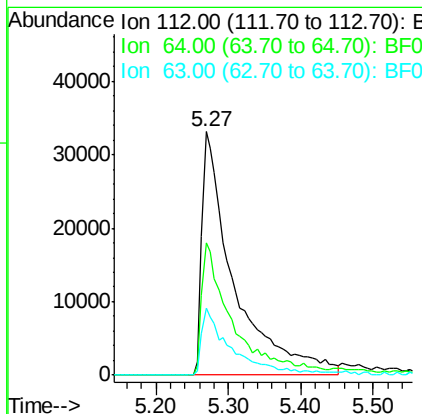
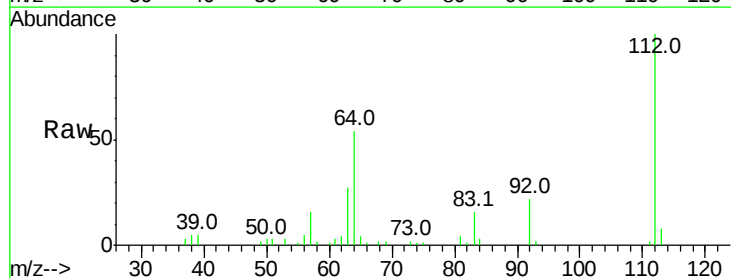
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#5

2-Fluorophenol
Concen: 22.35 ng
RT: 5.27 min Scan# 626
Delta R.T. -0.02 min
Lab File: BF095805.D
Acq: 9 Jun 2017 2:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.0	69.0
63	27.4	23.4	35.0





#7

Phenol-d6

Concen: 23.07 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095805.D

Acq: 9 Jun 2017 2:55

Instrument :

BNA_F

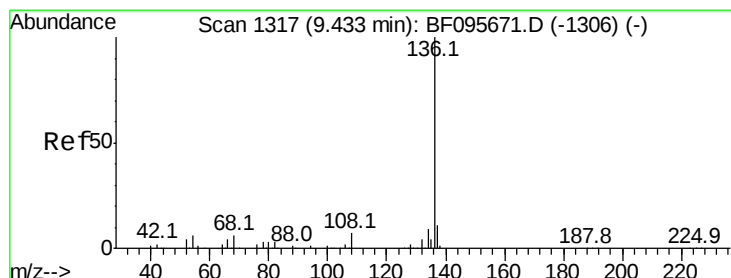
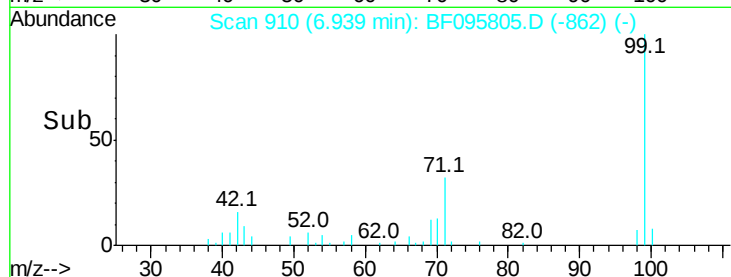
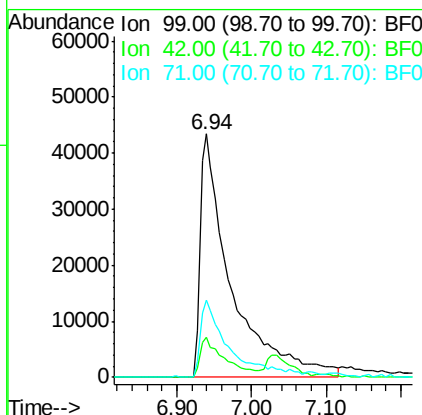
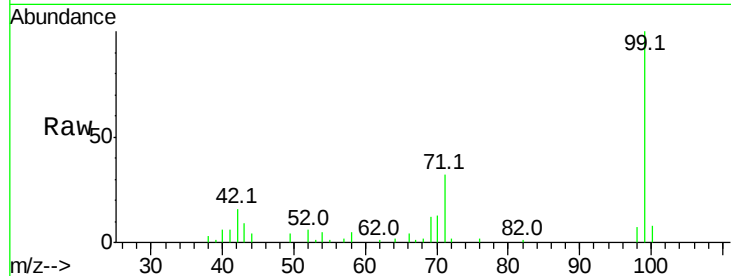
ClientSampleId :

POSTEX-47-20170602

Tot Ion:	99	Resp:	125516
Ion Ratio	Lower	Upper	
99	100		
42	16.5	13.5	20.3
71	31.7	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

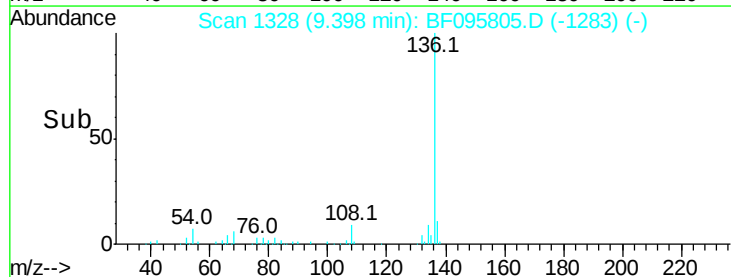
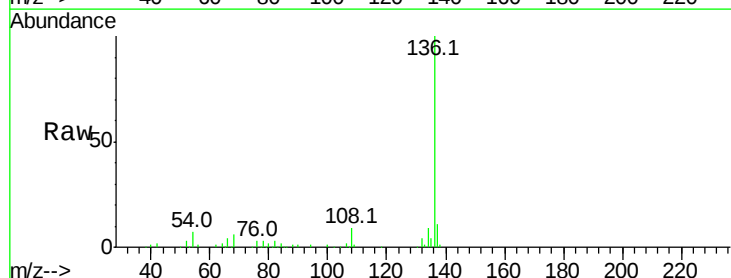
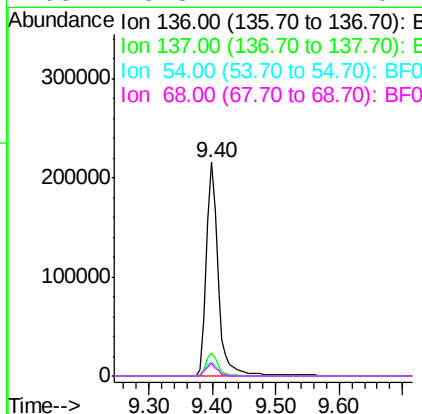
RT: 9.40 min Scan# 1328

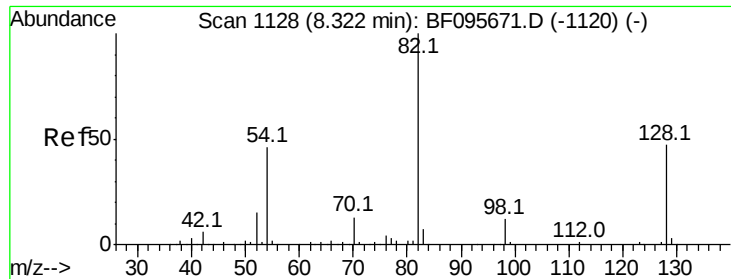
Delta R.T. -0.04 min

Lab File: BF095805.D

Acq: 9 Jun 2017 2:55

Tgt Ion:	136	Resp:	286371
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	6.7	4.9	7.3
68	5.8	4.1	6.1





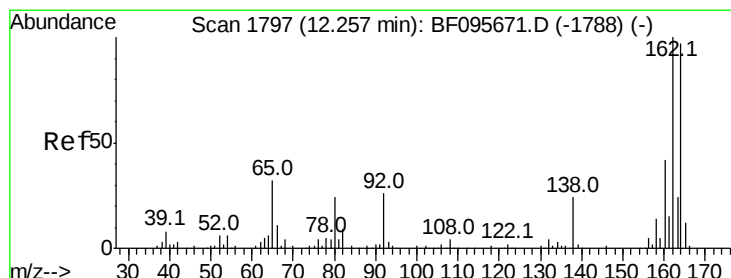
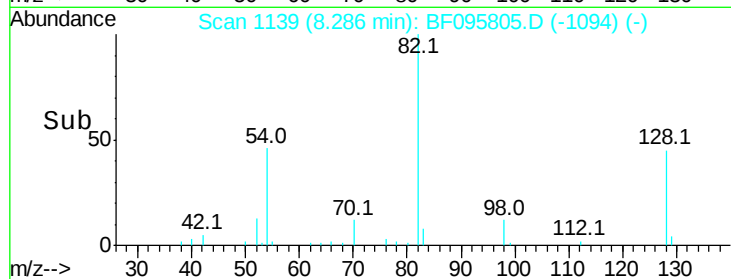
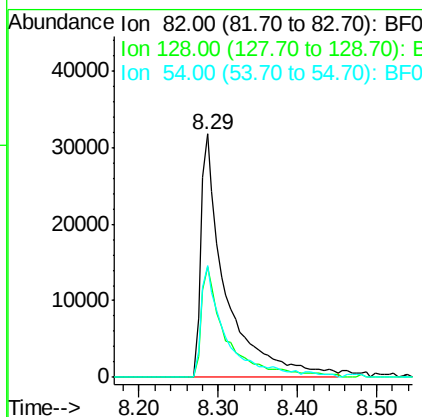
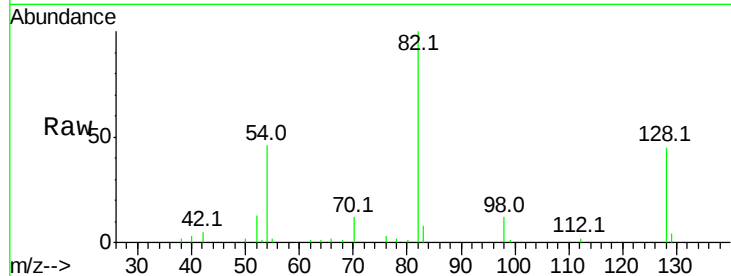
#23
 Nitrobenzene-d5
 Concen: 15.13 ng
 RT: 8.29 min Scan# 1139
 Delta R.T. -0.04 min
 Lab File: BF095805.D
 Acq: 9 Jun 2017 2:55

Instrument :
 BNA_F
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Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	45.9	42.2	63.2

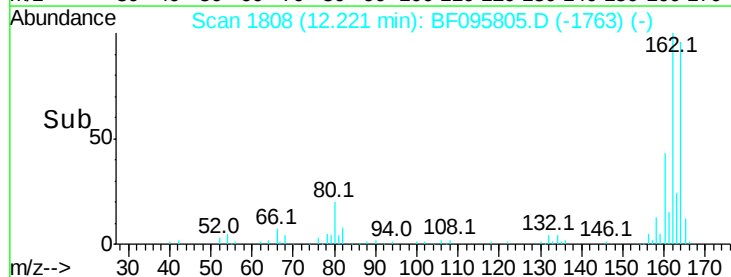
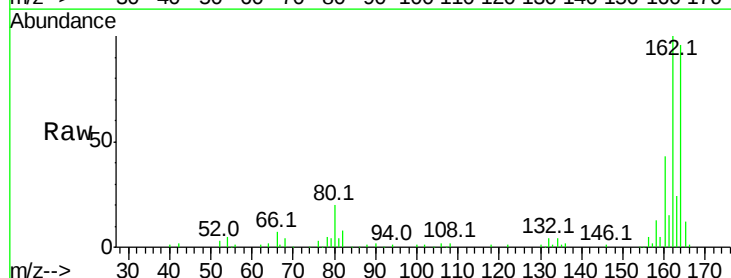
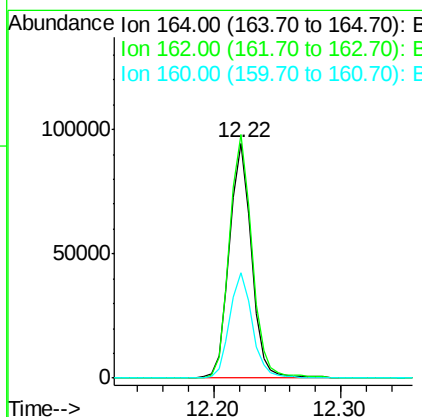
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.22 min Scan# 1808
 Delta R.T. -0.04 min
 Lab File: BF095805.D
 Acq: 9 Jun 2017 2:55

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	44.9	36.2	54.2





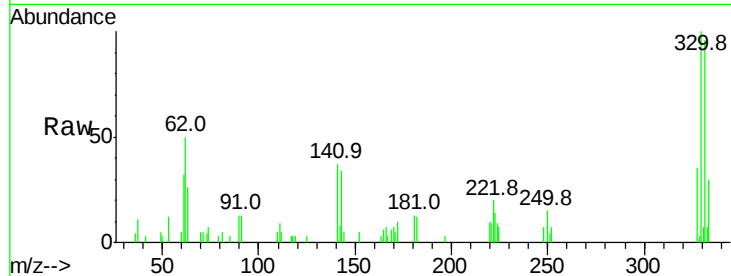
#41
 2,4,6-Tribromophenol
 Concen: 19.58 ng
 RT: 13.52 min Scan# 2029
 Delta R.T. -0.03 min
 Lab File: BF095805.D
 Acq: 9 Jun 2017 2:55

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-47-20170602

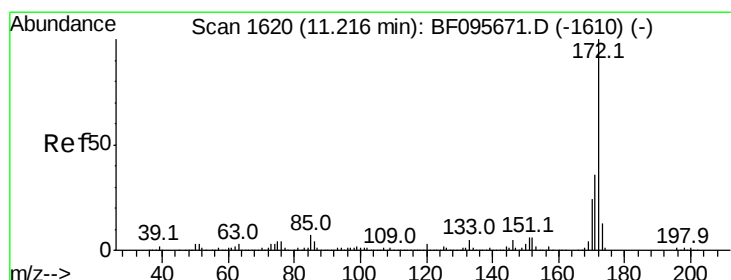
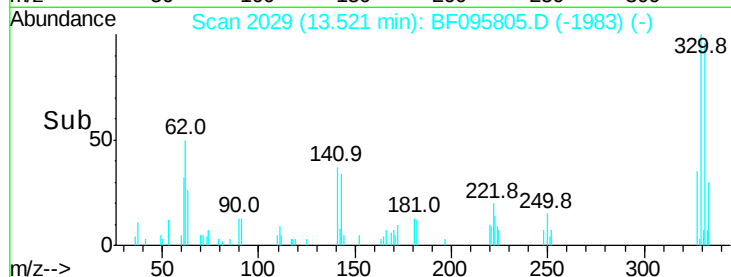
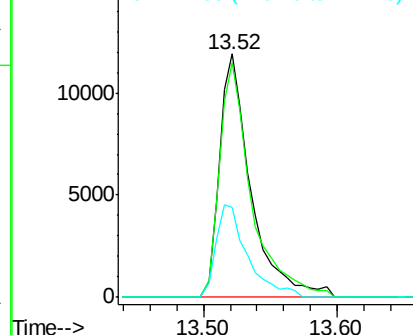
Tot Ion	Ratio	Resp	Lower	Upper
330	100	19689		
332	97.9		76.6	115.0
141	38.1		31.4	47.2

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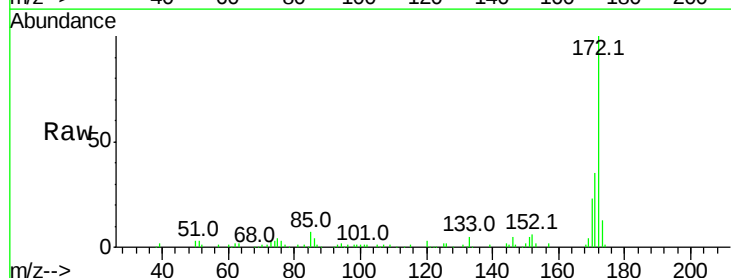


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

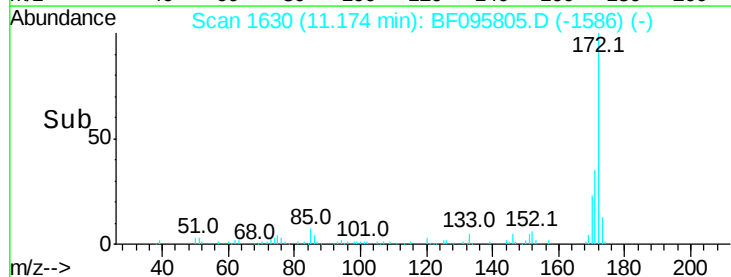
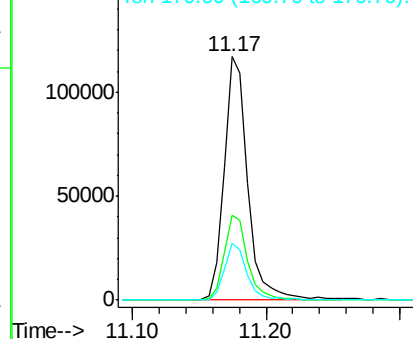


#44
 2-Fluorobiphenyl
 Concen: 17.92 ng
 RT: 11.17 min Scan# 1630
 Delta R.T. -0.04 min
 Lab File: BF095805.D
 Acq: 9 Jun 2017 2:55

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	146324		
171	34.7		29.6	44.4
170	23.1		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





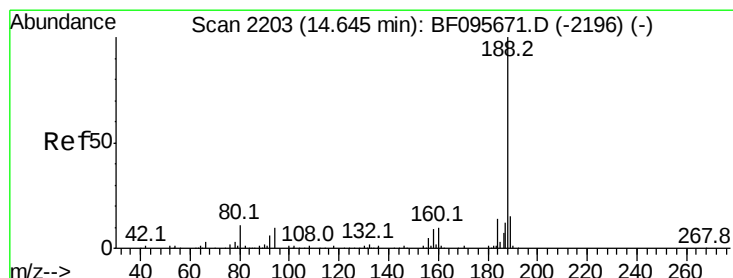
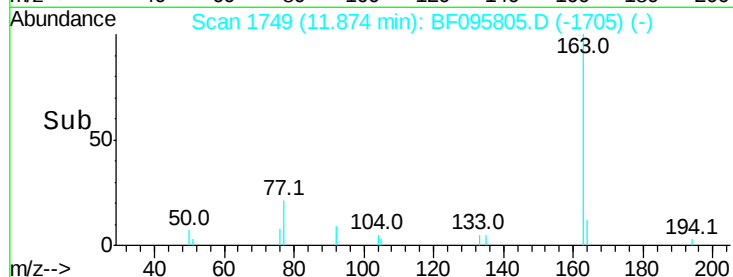
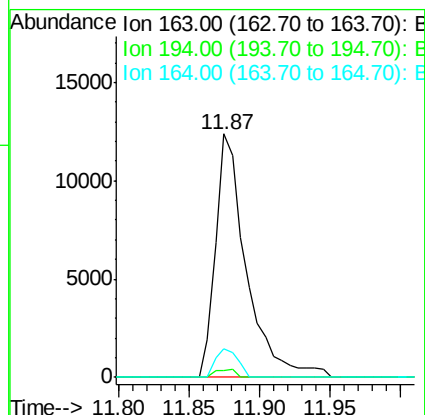
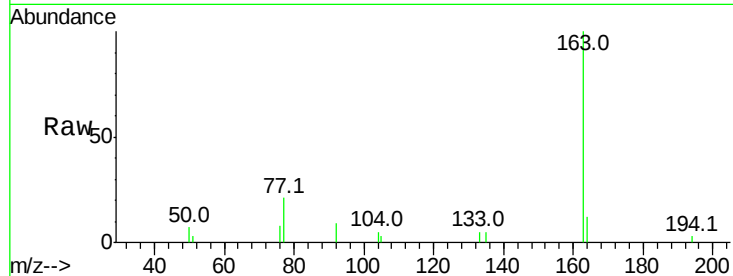
#49
Dimethylphthalate
Concen: 2.18 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095805.D
Acq: 9 Jun 2017 2:55

Instrument :
BNA_F
ClientSampleId :
POSTEX-47-20170602

Tot Ion	Ratio	Lower	Upper
163	100		
194	2.6	2.6	4.0#
164	11.5	8.4	12.6

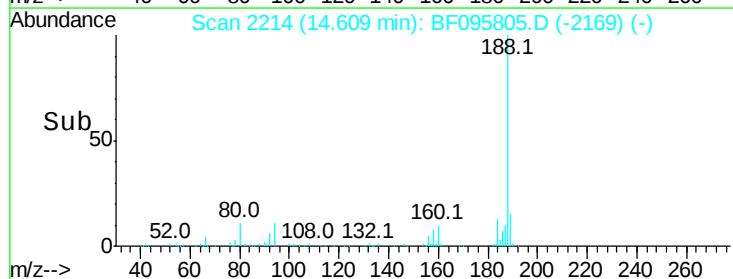
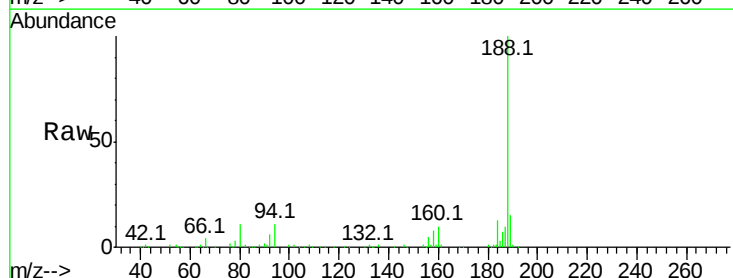
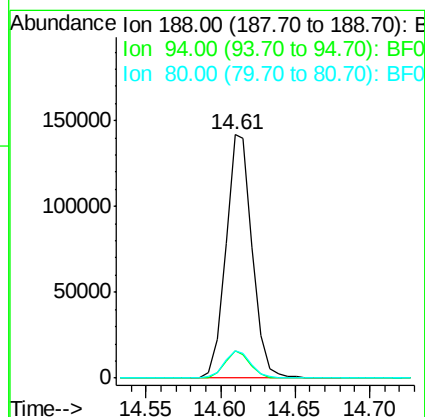
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.61 min Scan# 2214
Delta R.T. -0.04 min
Lab File: BF095805.D
Acq: 9 Jun 2017 2:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.3	10.2	15.2





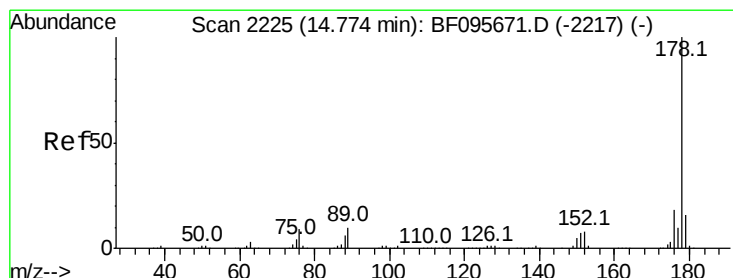
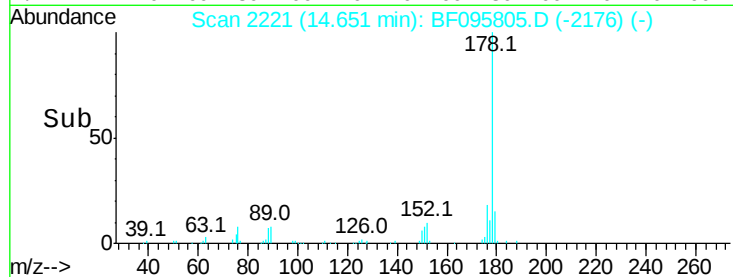
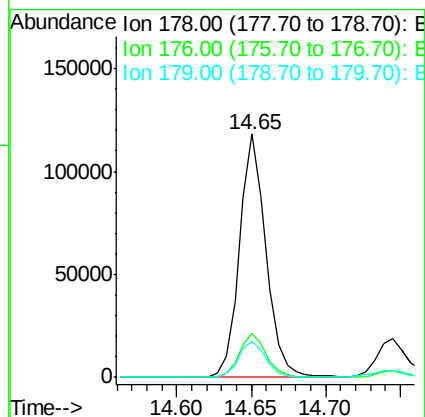
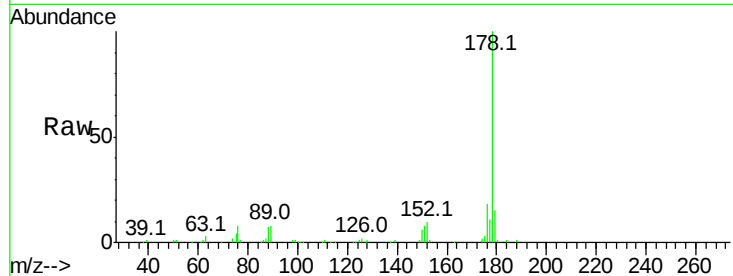
#70
Phenanthrene
Concen: 14.38 ng
RT: 14.65 min Scan# 2221
Delta R.T. -0.04 min
Lab File: BF095805.D
Acq: 9 Jun 2017 2:55

Instrument :
BNA_F
ClientSampleId :
POSTEX-47-20170602

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	16.2	24.4
179	14.9	12.6	19.0

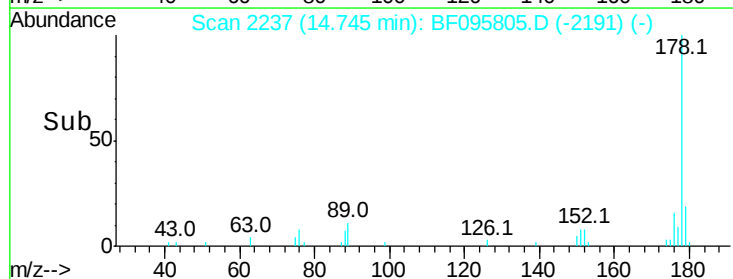
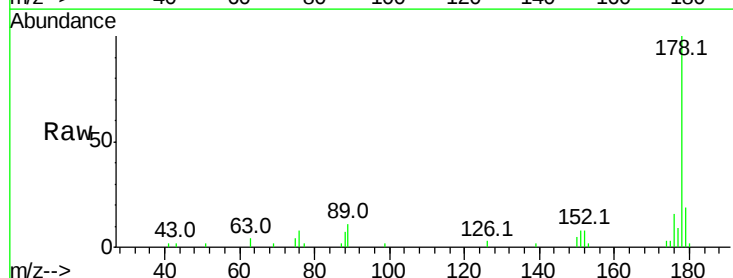
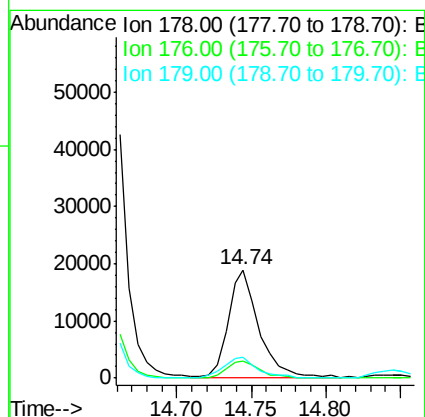
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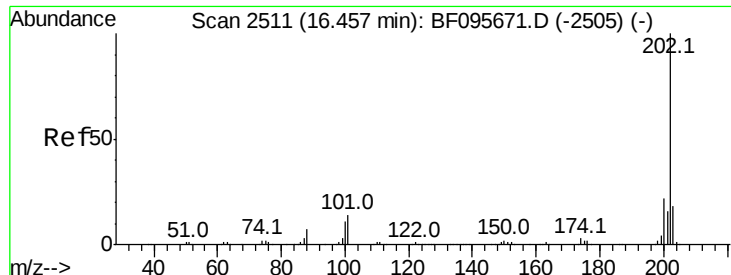
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#71
Anthracene
Concen: 2.61 ng
RT: 14.74 min Scan# 2237
Delta R.T. -0.03 min
Lab File: BF095805.D
Acq: 9 Jun 2017 2:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.0	15.8	23.8
179	18.8	12.7	19.1





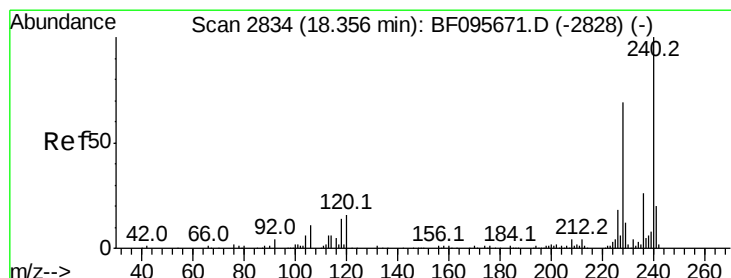
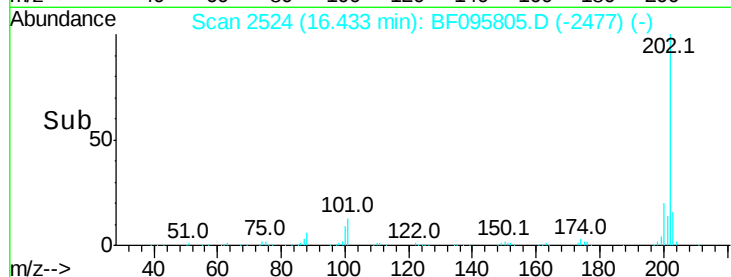
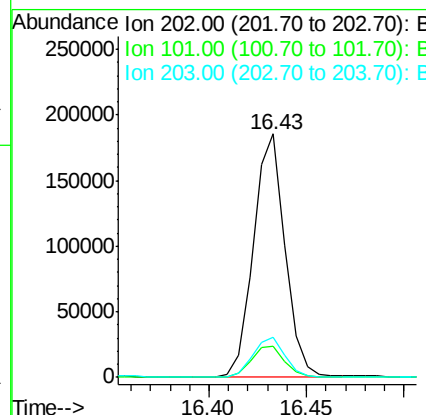
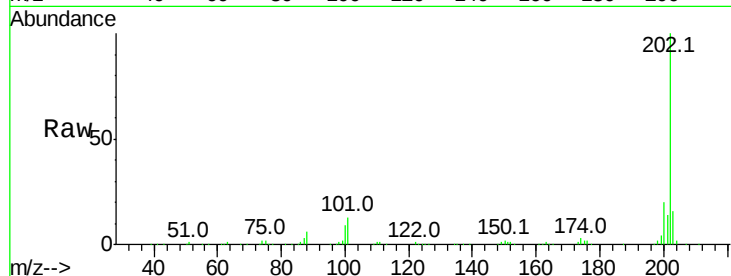
#74
Fluoranthene
 Concen: 20.68 ng
 RT: 16.43 min Scan# 2524
 Delta R.T. -0.02 min
 Lab File: BF095805.D
 Acq: 9 Jun 2017 2:55

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-47-20170602

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.9	0.0	33.2
203	16.5	0.0	38.1

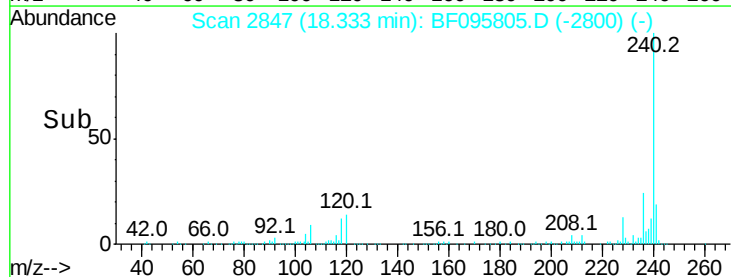
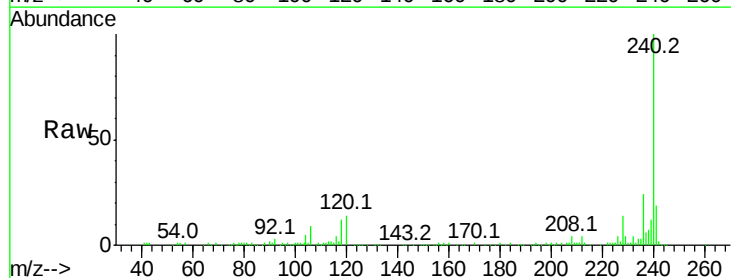
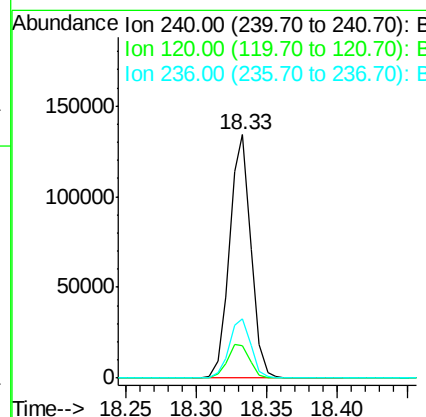
Manual Integrations
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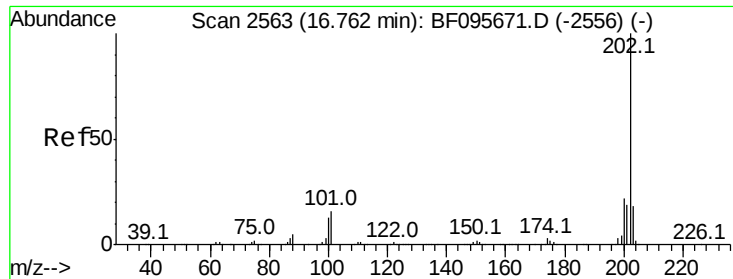
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#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 18.33 min Scan# 2847
 Delta R.T. -0.02 min
 Lab File: BF095805.D
 Acq: 9 Jun 2017 2:55

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.5	5.8	8.8#
236	24.2	20.5	30.7





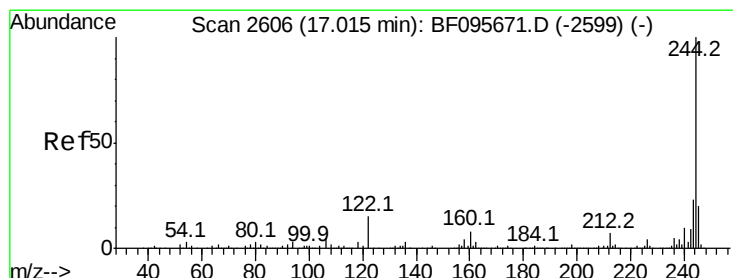
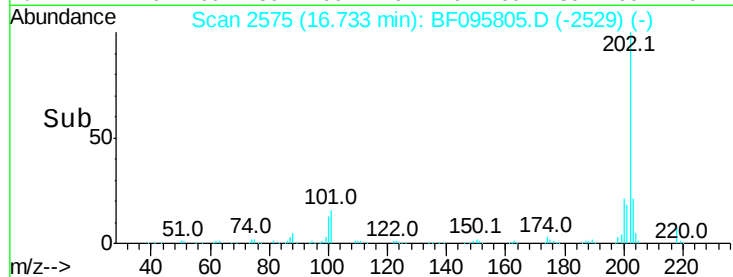
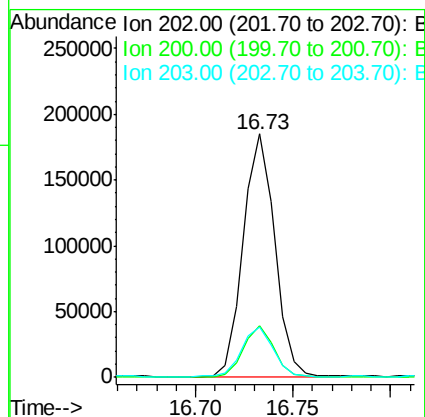
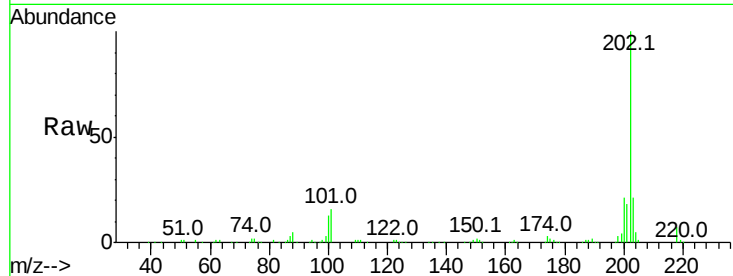
#77
Pvrene
Concen: 19.88 ng
RT: 16.73 min Scan# 2575
Delta R.T. -0.03 min
Lab File: BF095805.D
Acq: 9 Jun 2017 2:55

Instrument :
BNA_F
ClientSampleId :
POSTEX-47-20170602

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.3	17.6	26.4
203	20.5	14.4	21.6

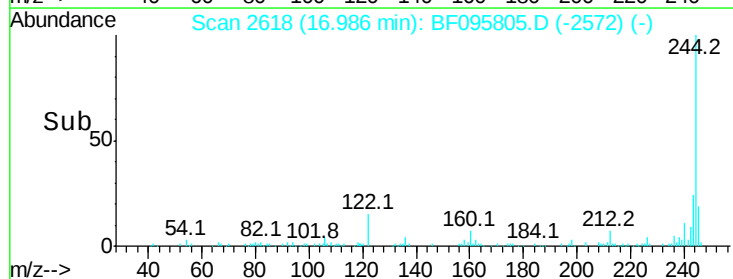
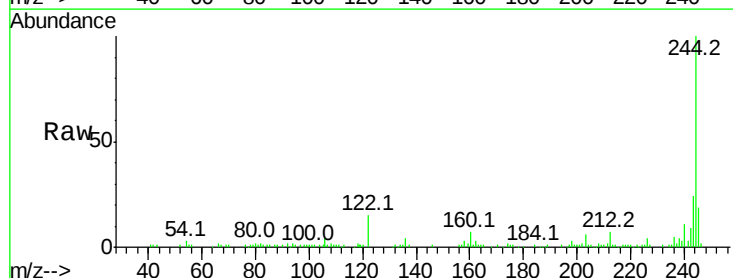
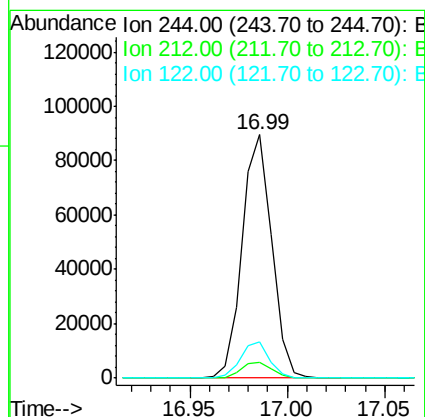
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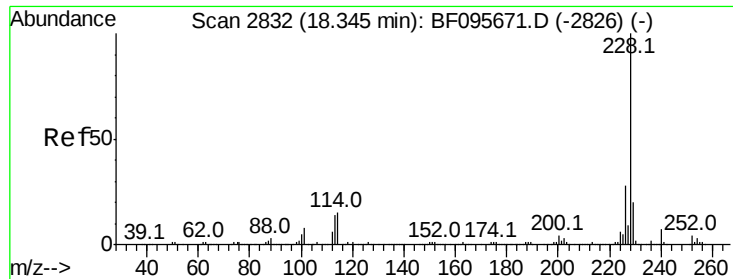
mohammad
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#78
Terphenyl-d14
Concen: 16.60 ng
RT: 16.99 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BF095805.D
Acq: 9 Jun 2017 2:55

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.6	6.0	9.0
122	15.1	10.3	15.5





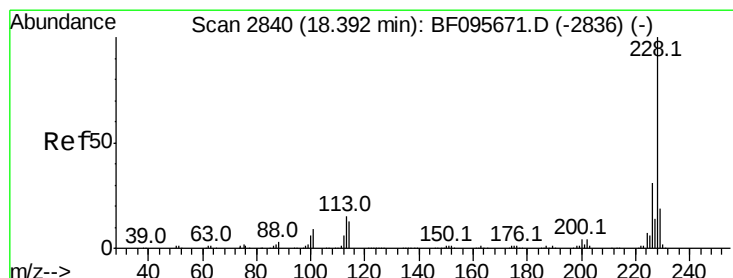
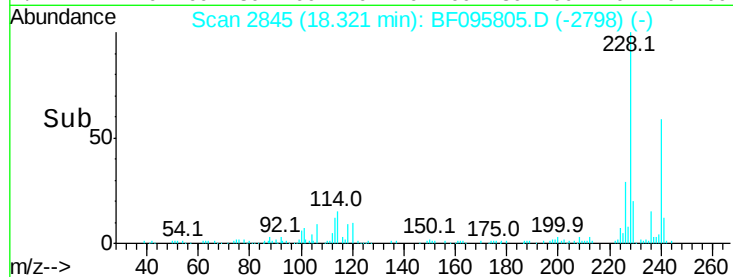
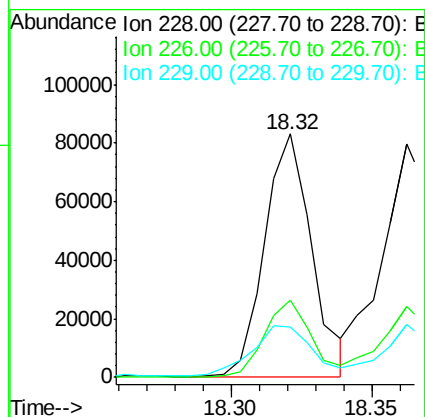
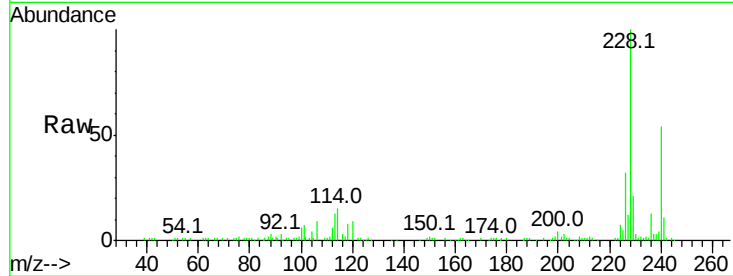
#80
Benzo(a)anthracene
Concen: 11.83 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.02 min
Lab File: BF095805.D
Acq: 9 Jun 2017 2:55

Instrument :
BNA_F
ClientSampleId :
POSTEX-47-20170602

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.5	22.6	33.8
229	20.9	16.3	24.5

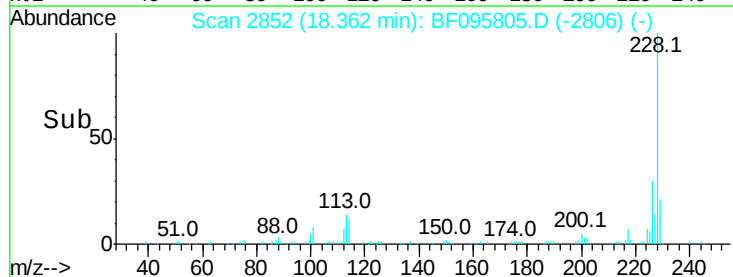
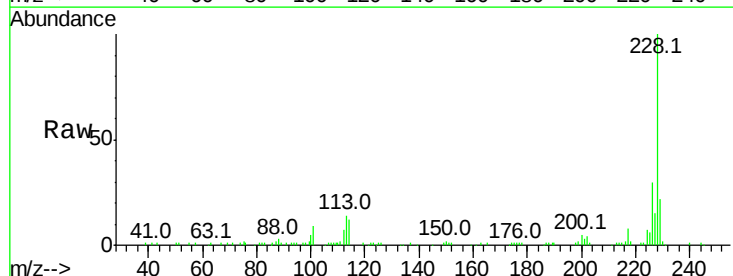
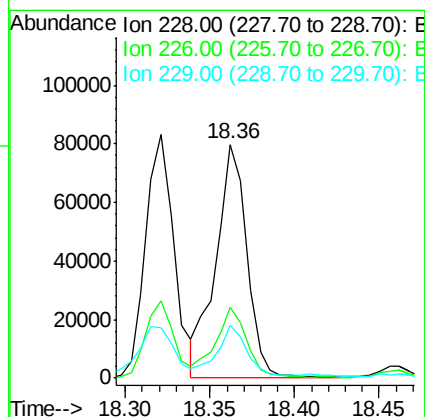
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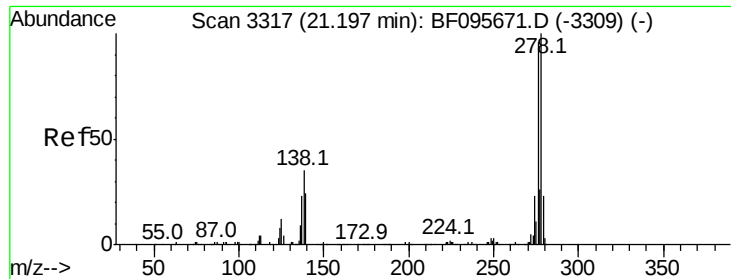
mohammad
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#82
Chrysene
Concen: 12.56 ng
RT: 18.36 min Scan# 2852
Delta R.T. -0.03 min
Lab File: BF095805.D
Acq: 9 Jun 2017 2:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	22.4	15.8	23.6





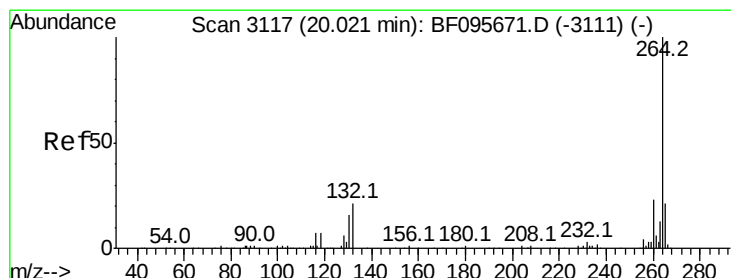
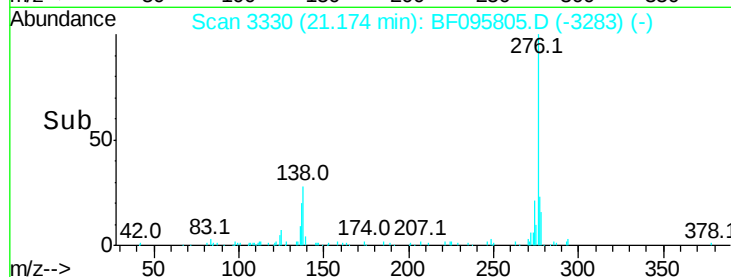
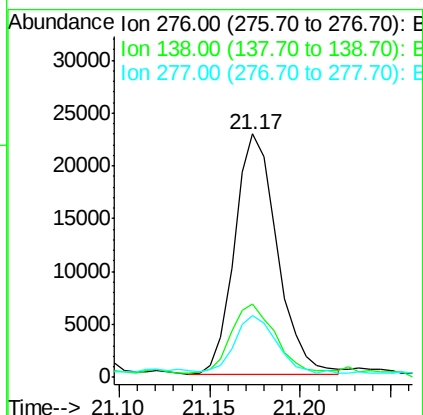
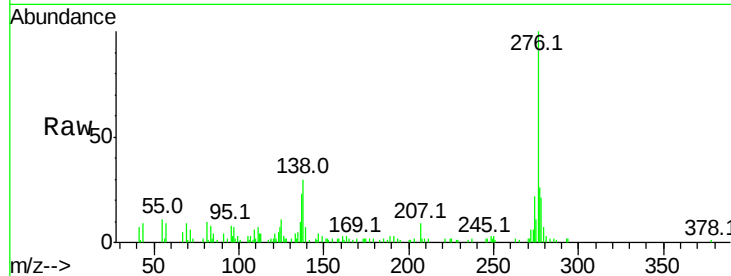
#85
Indeno(1,2,3-cd)pyrene
Concen: 5.28 ng
RT: 21.17 min Scan# 3330
Delta R.T. -0.02 min
Lab File: BF095805.D
Acq: 9 Jun 2017 2:55

Instrument :
BNA_F
ClientSampleId :
POSTEX-47-20170602

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.2	27.8	41.6
277	23.6	20.2	30.4

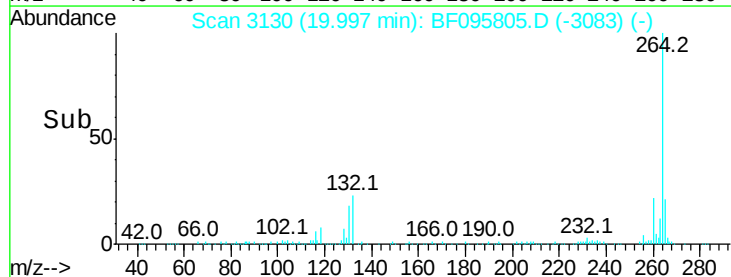
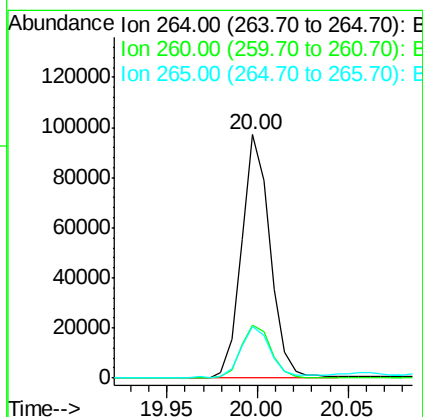
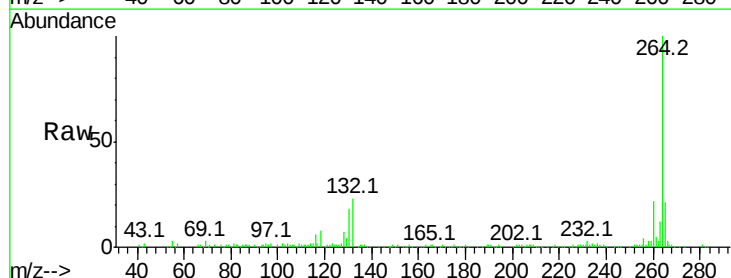
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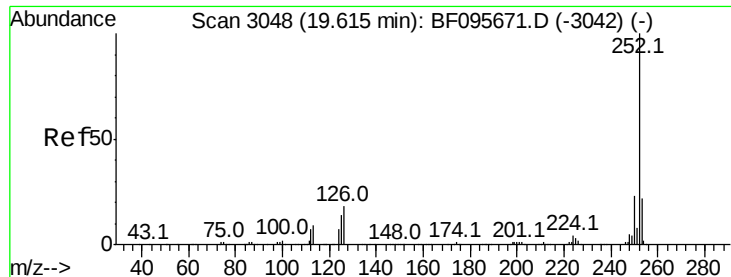
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#86
Perylene-d12
Concen: 20.00 ng
RT: 20.00 min Scan# 3130
Delta R.T. -0.02 min
Lab File: BF095805.D
Acq: 9 Jun 2017 2:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.5	29.3
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 14.40 ng

RT: 19.60 min Scan# 3062

Delta R.T. -0.02 min

Lab File: BF095805.D

Acq: 9 Jun 2017 2:55

Instrument :

BNA_F

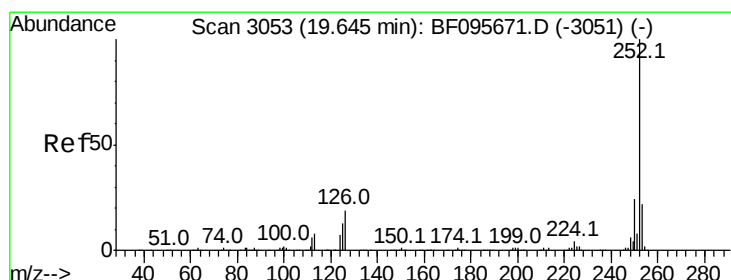
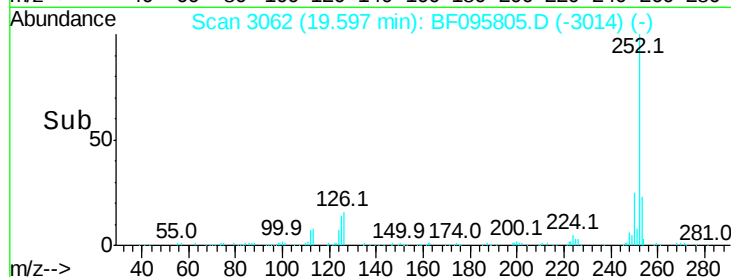
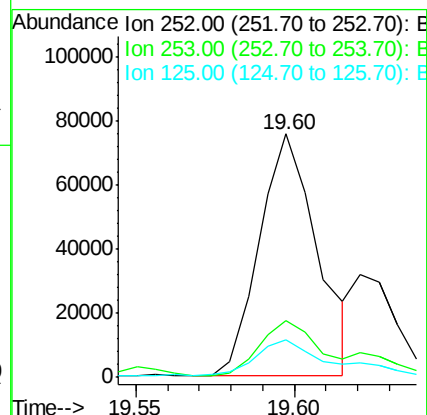
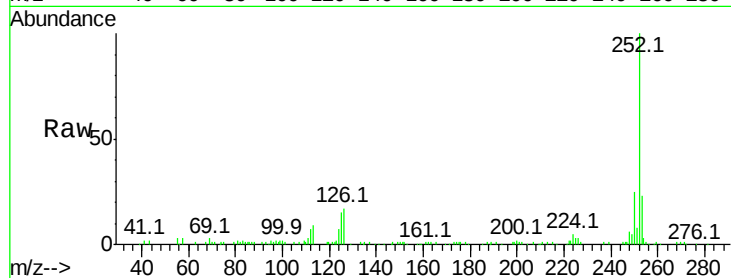
ClientSampleId :

POSTEX-47-20170602

Tot Ion:	252	Resp:	95748
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.1	27.1
125	15.2	9.8	14.8

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#88

Benzo(k)fluoranthene

Concen: 4.73 ng m

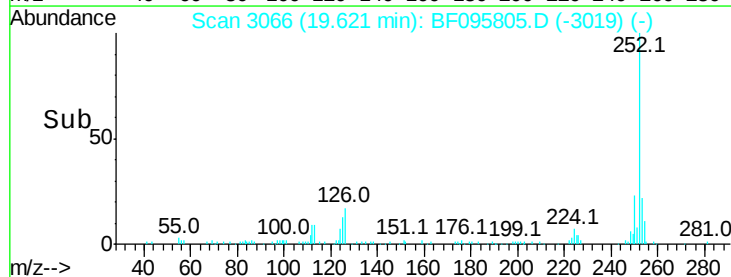
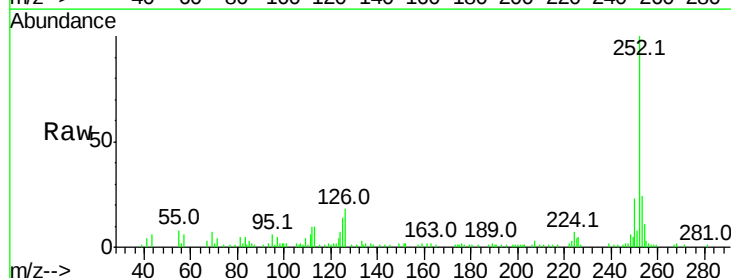
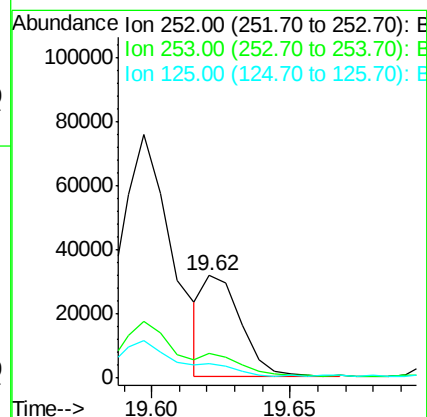
RT: 19.62 min Scan# 3066

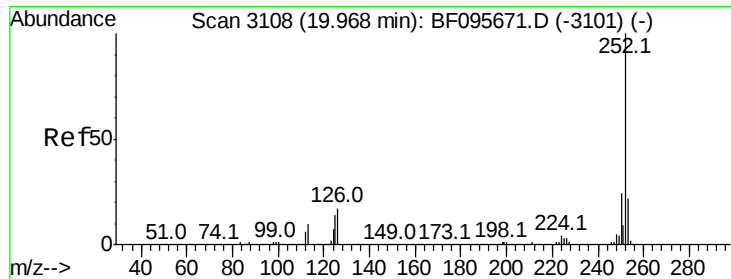
Delta R.T. -0.02 min

Lab File: BF095805.D

Acq: 9 Jun 2017 2:55

Tgt Ion:	252	Resp:	30087
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.4	27.6
125	14.4	13.1	19.7





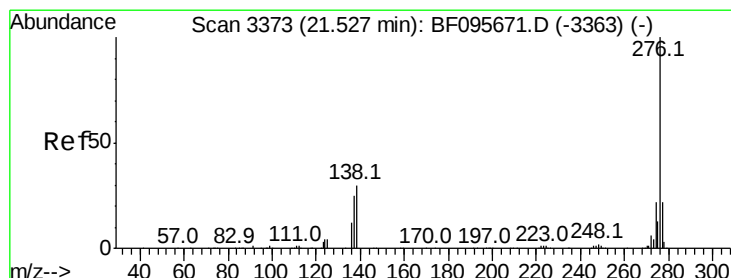
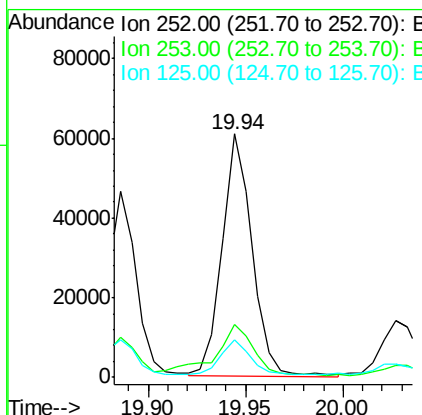
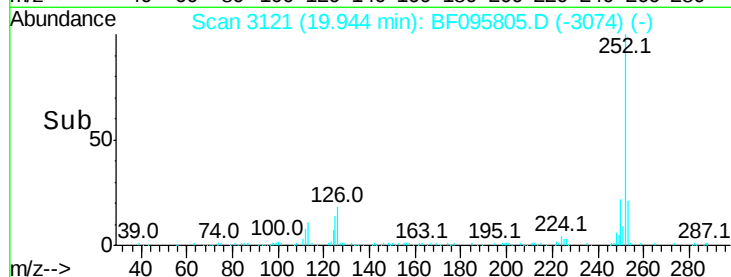
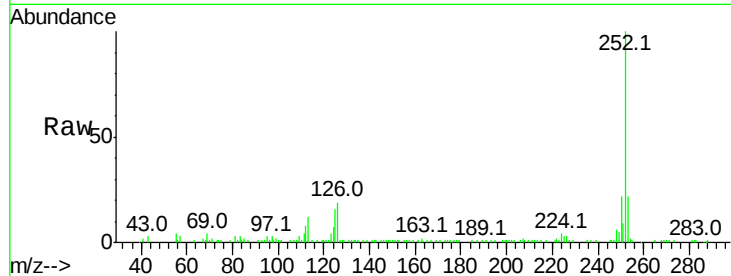
#89
Benzo(a)pyrene
Concen: 10.65 ng
RT: 19.94 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095805.D
Acq: 9 Jun 2017 2:55

Instrument :
BNA_F
ClientSampleId :
POSTEX-47-20170602

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.5	26.3
125	15.5	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 7.16 ng
RT: 21.50 min Scan# 3386
Delta R.T. -0.02 min
Lab File: BF095805.D
Acq: 9 Jun 2017 2:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.5	18.6	28.0
138	29.5	25.4	38.0

