

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095992.D
 Acq On : 17 Jun 2017 11:59
 Operator : SJ/MA
 Sample : I3686-04
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-R5-BASE

Manual Integrations
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Quant Time: Jun 19 01:54:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	75330	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	302237	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	127759	20.00	ng	-0.01
63) Phenanthrene-d10	14.56	188	190936	20.00	ng	0.00
75) Chrysene-d12	18.29	240	148054	20.00	ng	-0.01
86) Perylene-d12	19.96	264	139685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	436191	92.27	ng	0.00
7) Phenol-d6	6.89	99	550023	97.18	ng	-0.02
23) Nitrobenzene-d5	8.24	82	308528	63.40	ng	-0.01
41) 2,4,6-Tribromophenol	13.47	330	90299	79.88	ng	-0.01
44) 2-Fluorobiphenyl	11.13	172	483266	52.64	ng	-0.01
78) Terphenyl-d14	16.94	244	282597	47.37	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	11.83	163	75120	7.74	ng	100
70) Phenanthrene	14.60	178	119182	10.82	ng	97
71) Anthracene	14.70	178	27763m	2.41	ng	
74) Fluoranthene	16.39	202	147759	13.55	ng	98
77) Pyrene	16.69	202	136643	12.37	ng	96
80) Benzo(a)anthracene	18.27	228	57283	6.65	ng	98
82) Chrysene	18.32	228	54557	6.34	ng	98
85) Indeno(1,2,3-cd)pyrene	21.14	276	22661	3.08	ng	96
87) Benzo(b)fluoranthene	19.56	252	64045	7.32	ng	# 96
88) Benzo(k)fluoranthene	19.59	252	21588m	2.58	ng	
89) Benzo(a)pyrene	19.90	252	50805	6.32	ng	98
91) Benzo(a,h,i)perylene	21.47	276	19800	2.85	ng	97

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

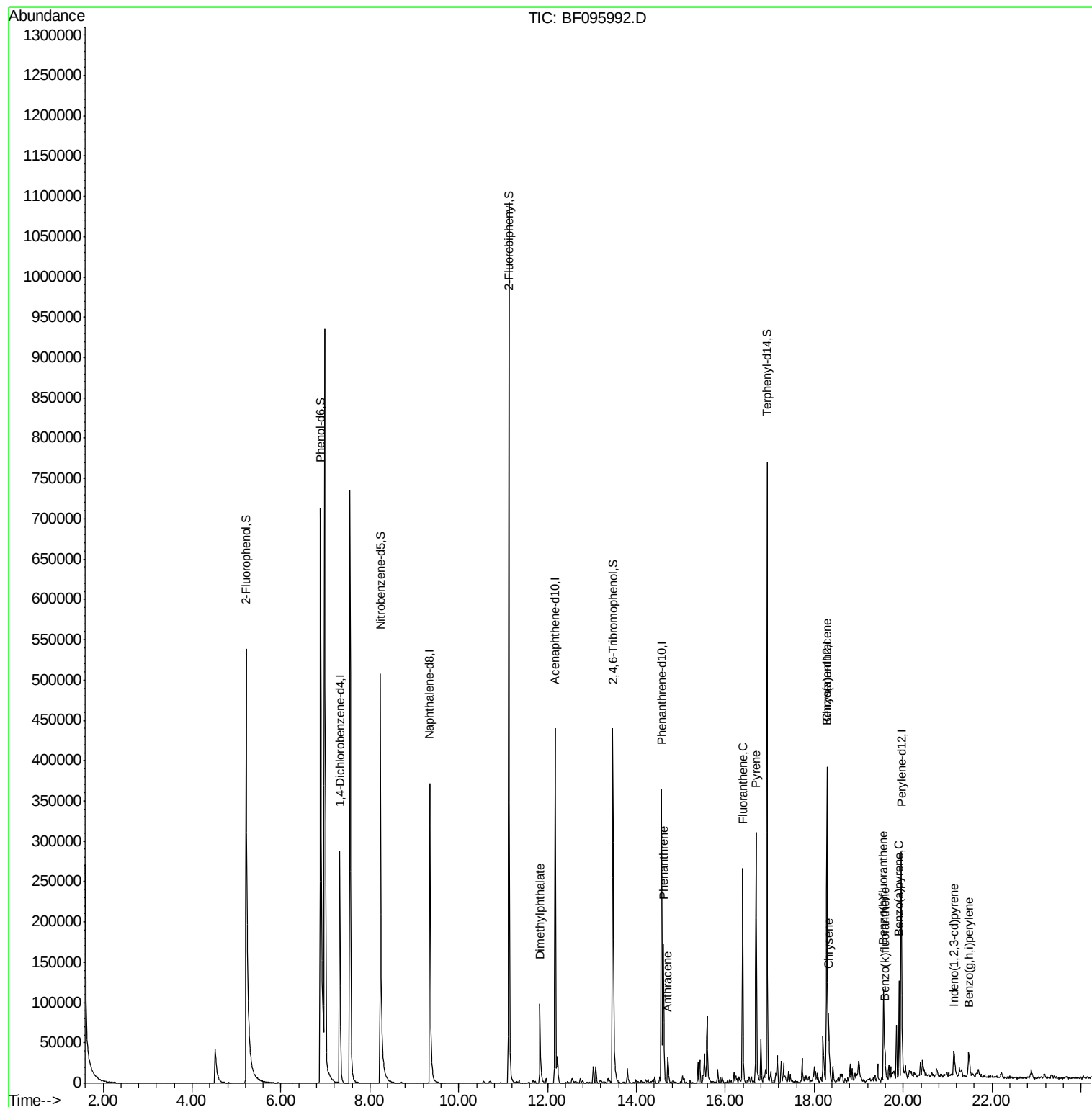
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095992.D
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Sample : I3686-04
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ALS Vial : 41 Sample Multiplier: 1

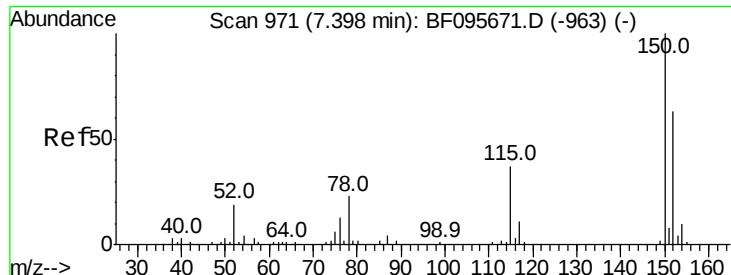
Instrument :
BNA_F
ClientSampleId :
E2-R5-BASE

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Quant Time: Jun 19 01:54:01 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

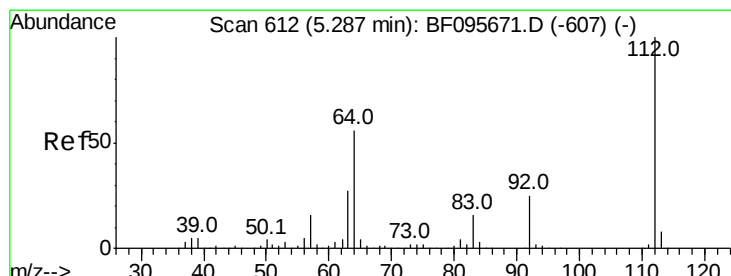
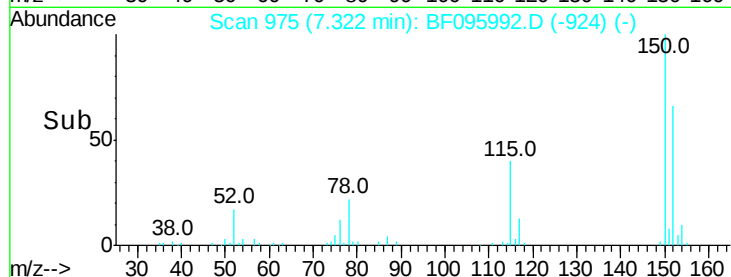
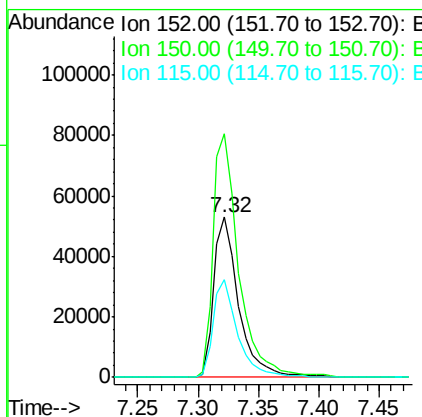
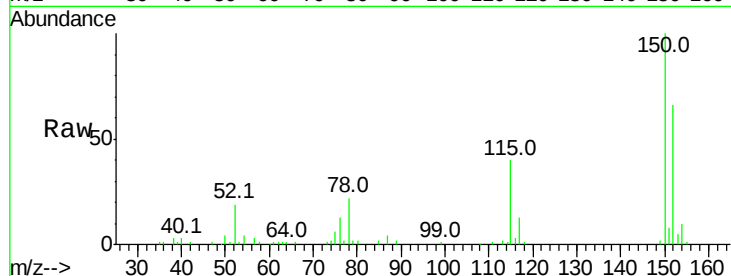
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 975
 Delta R.T. 0.00 min
 Lab File: BF095992.D
 Acq: 17 Jun 2017 11:59

Instrument :
 BNA_F
 ClientSampled :
 E2-R5-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	126.2	189.2
115	61.0	52.2	78.2

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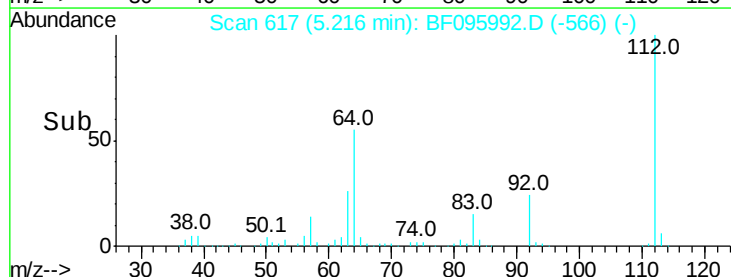
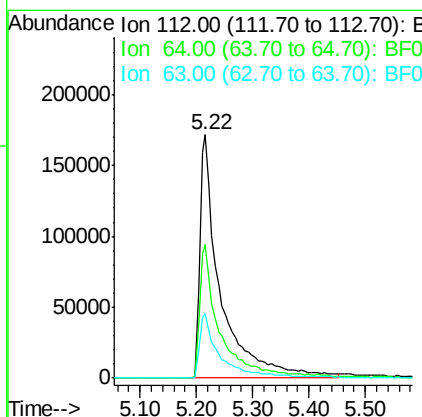
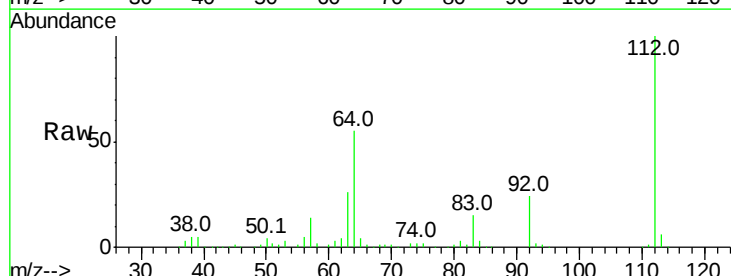
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#5

2-Fluorophenol
 Concen: 92.27 ng
 RT: 5.22 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF095992.D
 Acq: 17 Jun 2017 11:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.7	46.0	69.0
63	26.2	23.4	35.0





#7

Phenol-d6

Concen: 97.18 ng

RT: 6.89 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF095992.D

Acq: 17 Jun 2017 11:59

Instrument :

BNA_F

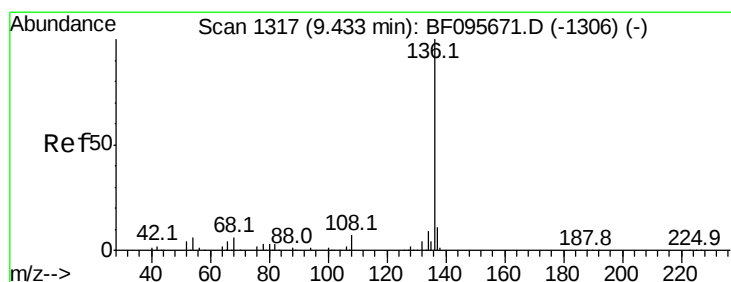
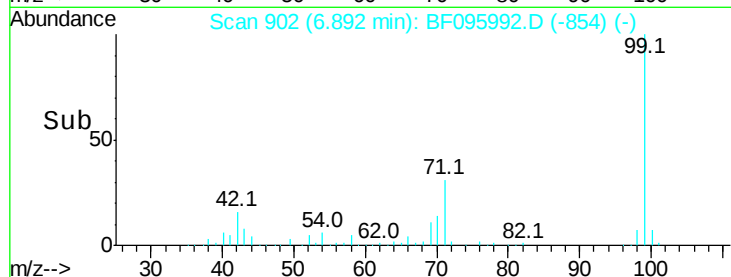
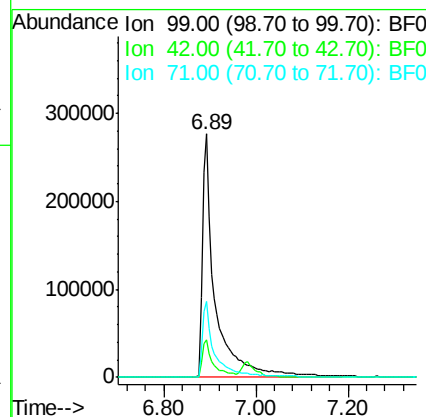
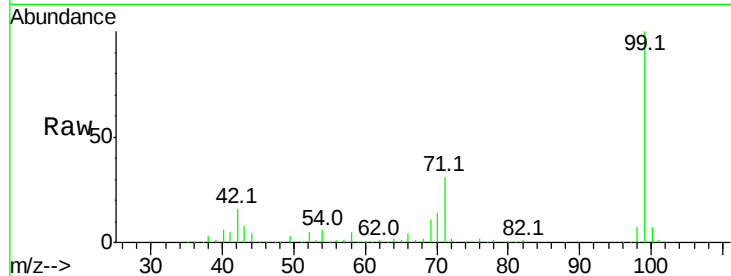
ClientSampleId :

E2-R5-BASE

Tot Ion:	99	Resp:	550023
Ion Ratio	Lower	Upper	
99	100		
42	15.5	13.5	20.3
71	31.4	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

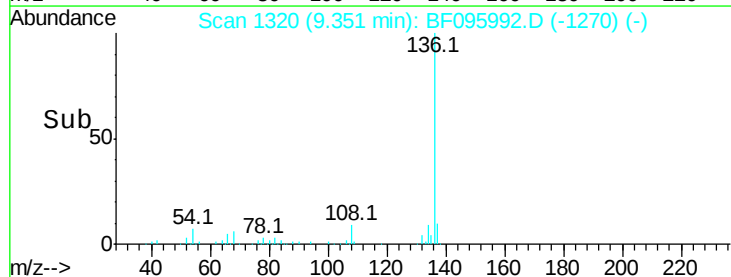
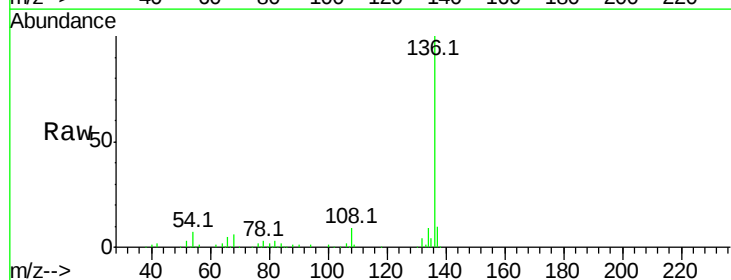
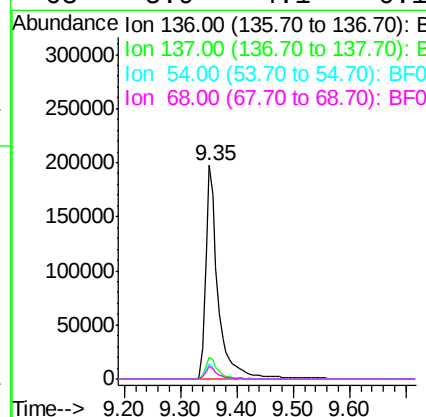
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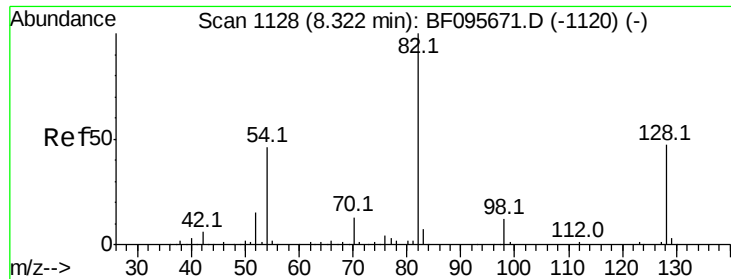
Delta R.T. -0.01 min

Lab File: BF095992.D

Acq: 17 Jun 2017 11:59

Tgt Ion:	136	Resp:	302237
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.5	12.7
54	6.9	4.9	7.3
68	5.9	4.1	6.1





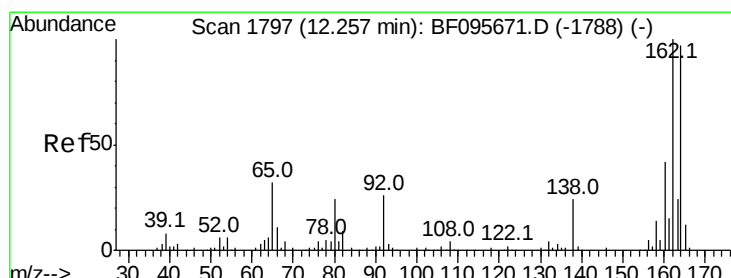
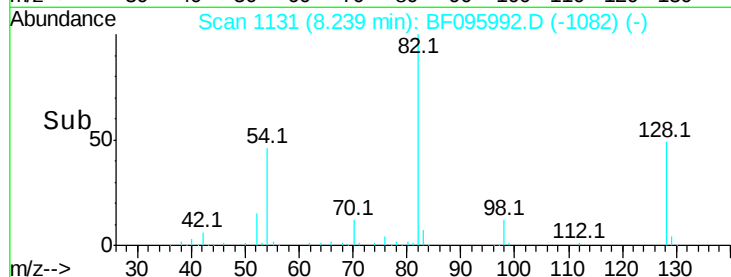
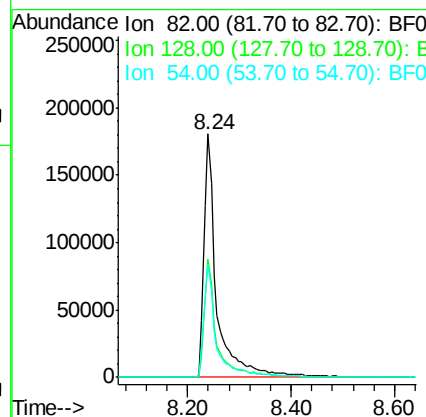
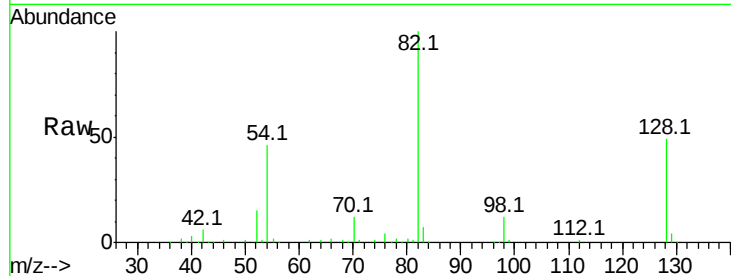
#23
Nitrobenzene-d5
Concen: 63.40 ng
RT: 8.24 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF095992.D
Acq: 17 Jun 2017 11:59

Instrument :
BNA_F
ClientSampleId :
E2-R5-BASE

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.8	34.0	51.0
54	46.4	42.2	63.2

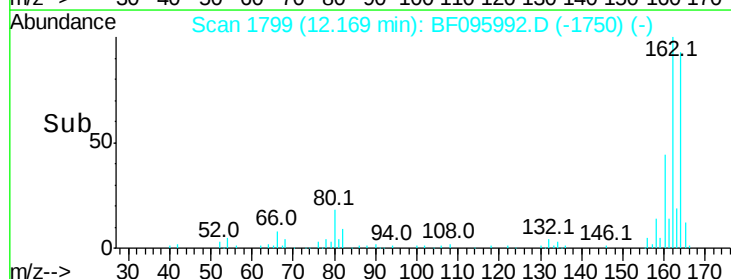
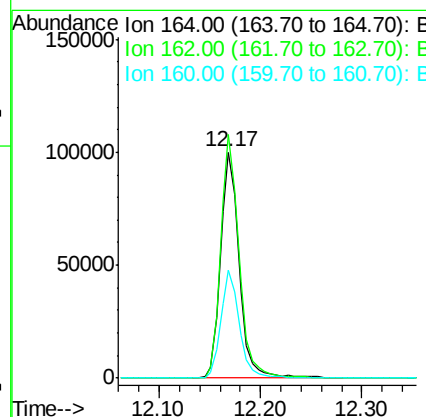
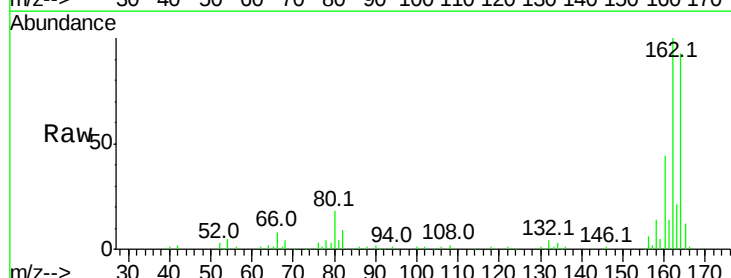
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.17 min Scan# 1799
Delta R.T. -0.01 min
Lab File: BF095992.D
Acq: 17 Jun 2017 11:59

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.7	82.6	123.8
160	47.7	36.2	54.2





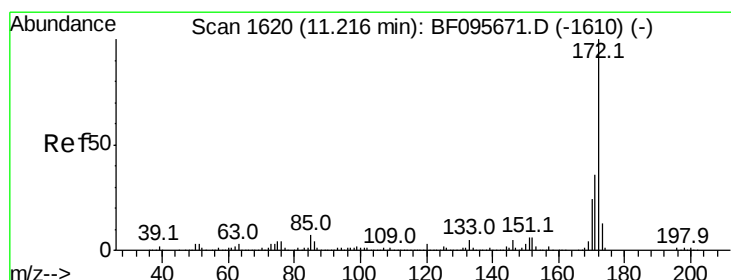
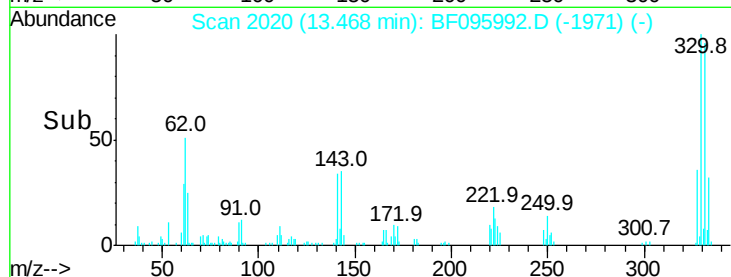
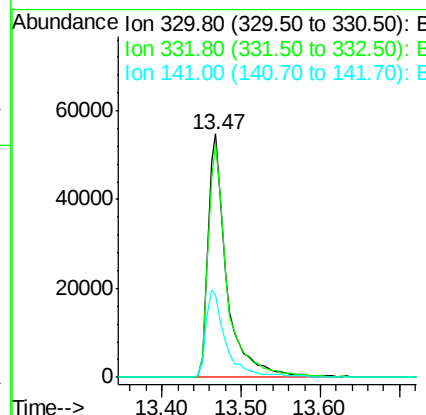
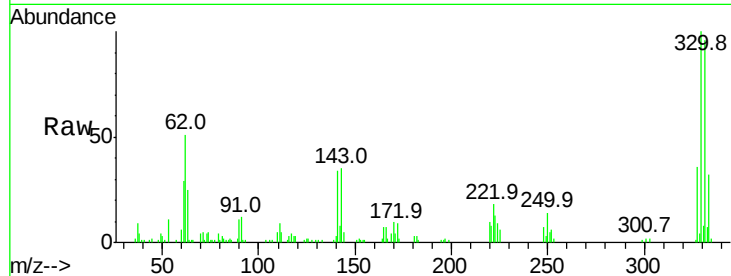
#41
 2,4,6-Tribromophenol
 Concen: 79.88 ng
 RT: 13.47 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF095992.D
 Acq: 17 Jun 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :
 E2-R5-BASE

Tot Ion	Ratio	Resp	Lower	Upper
330	100	90299		
332	97.3		76.6	115.0
141	38.2		31.4	47.2

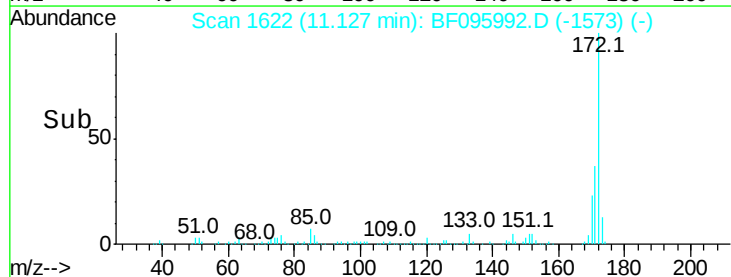
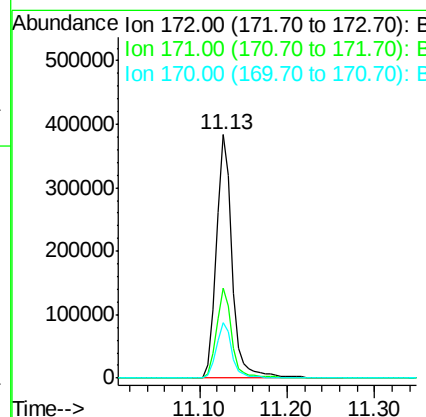
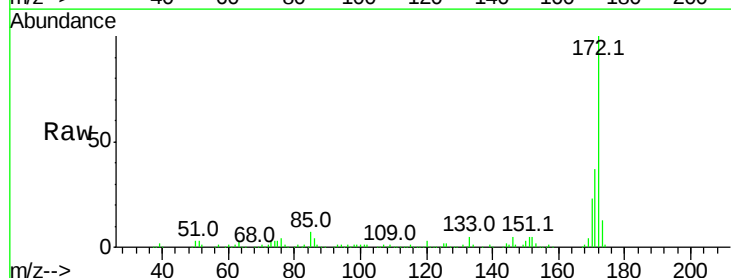
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#44
 2-Fluorobiphenyl
 Concen: 52.64 ng
 RT: 11.13 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF095992.D
 Acq: 17 Jun 2017 11:59

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	483266		
171	37.0		29.6	44.4
170	23.0		19.8	29.8





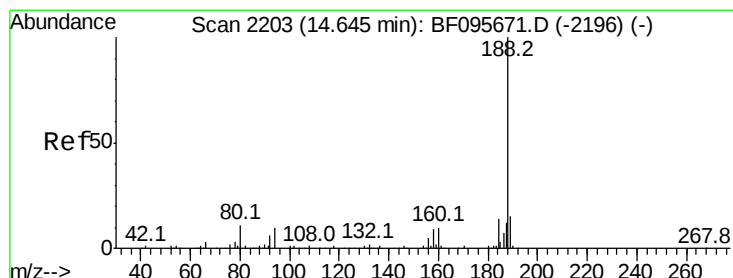
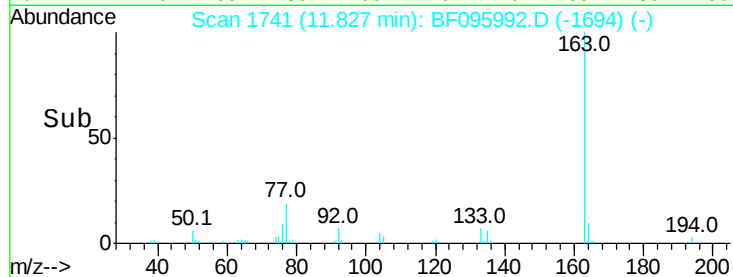
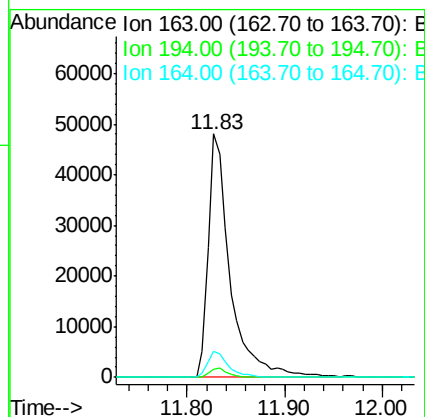
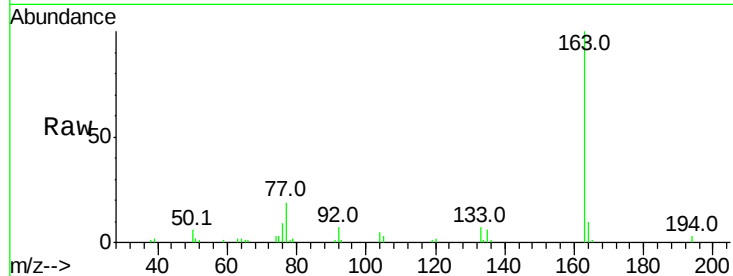
#49
Dimethylphthalate
Concen: 7.74 ng
RT: 11.83 min Scan# 1741
Delta R.T. -0.02 min
Lab File: BF095992.D
Acq: 17 Jun 2017 11:59

Instrument :
BNA_F
ClientSampleId :
E2-R5-BASE

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.5	8.4	12.6

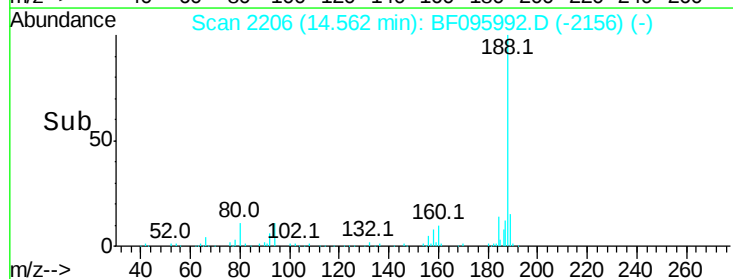
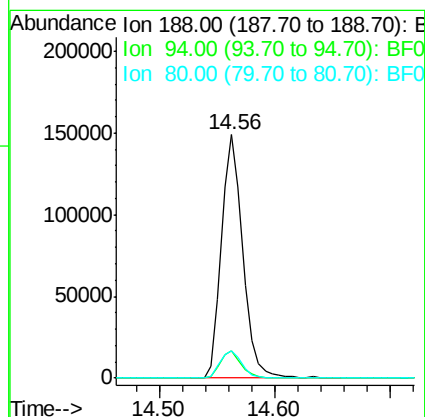
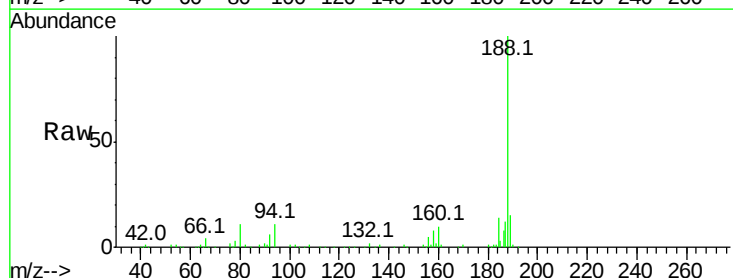
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.56 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF095992.D
Acq: 17 Jun 2017 11:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	11.0	10.2	15.2





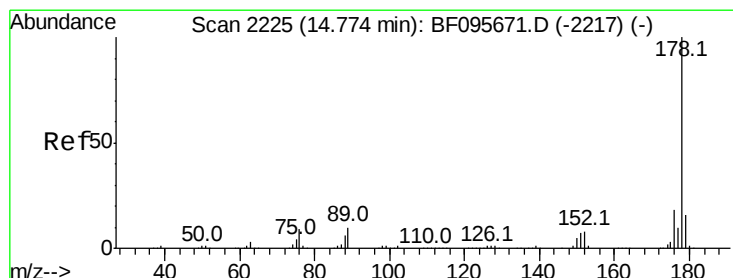
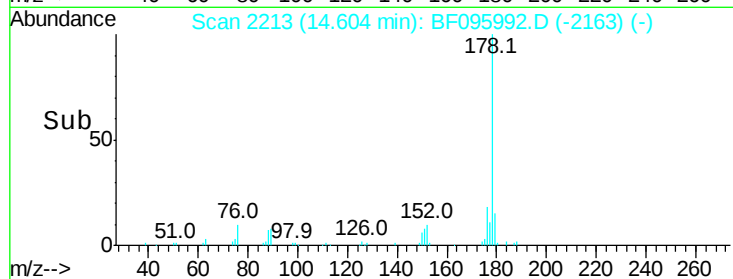
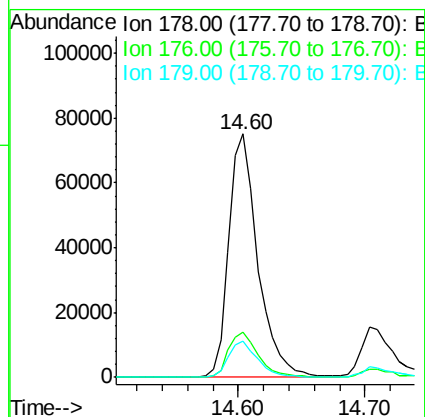
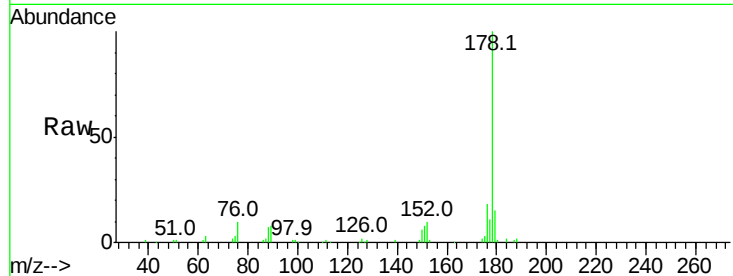
#70
Phenanthrene
Concen: 10.82 ng
RT: 14.60 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF095992.D
Acq: 17 Jun 2017 11:59

Instrument :
BNA_F
ClientSampleId :
E2-R5-BASE

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.5	16.2	24.4
179	15.0	12.6	19.0

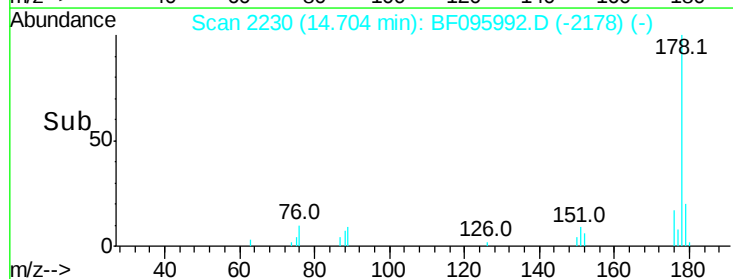
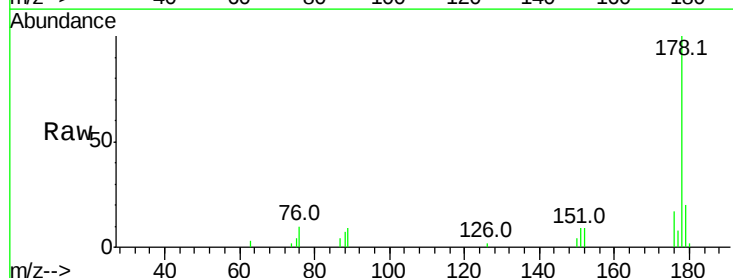
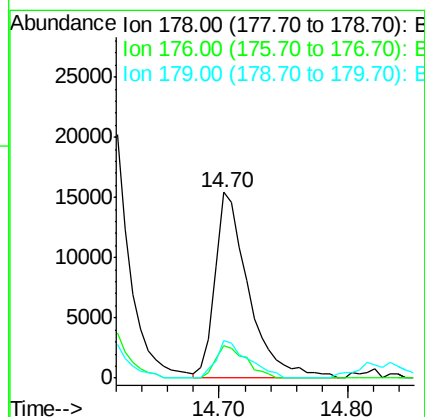
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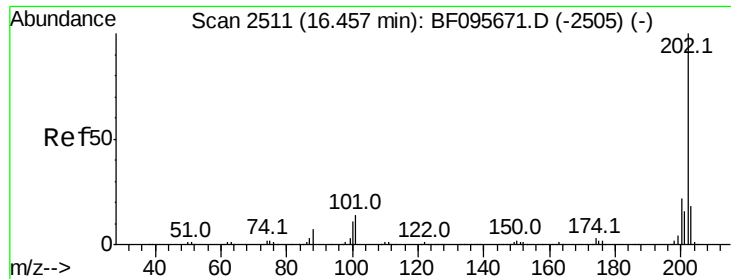
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#71
Anthracene
Concen: 2.41 ng m
RT: 14.70 min Scan# 2230
Delta R.T. 0.01 min
Lab File: BF095992.D
Acq: 17 Jun 2017 11:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.4	15.8	23.8
179	20.1	12.7	19.1#





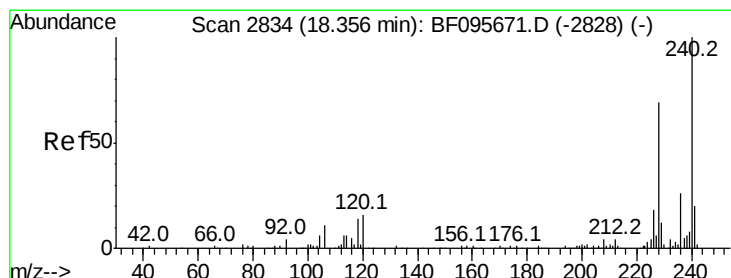
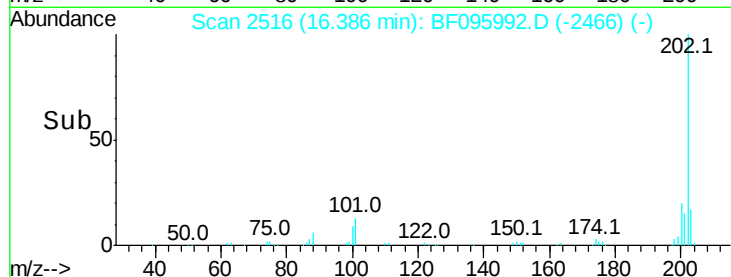
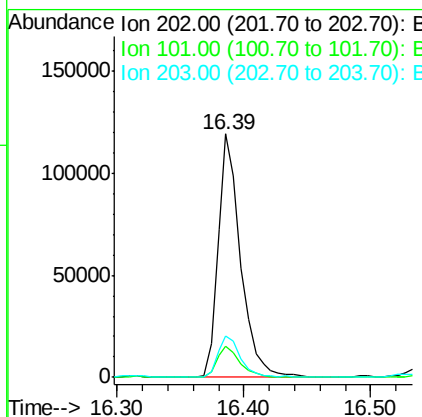
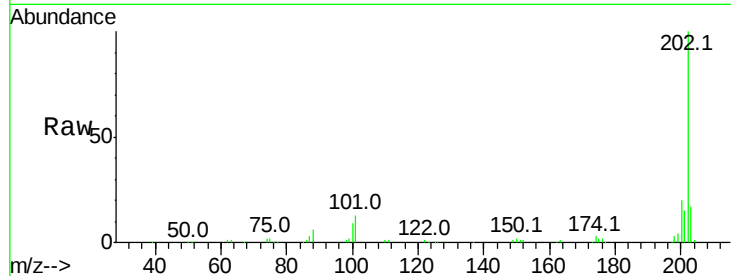
#74
 Fluoranthene
 Concen: 13.55 ng
 RT: 16.39 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BF095992.D
 Acq: 17 Jun 2017 11:59

Instrument :
 BNA_F
 ClientSampleId :
 E2-R5-BASE

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.8	0.0	33.2
203	17.0	0.0	38.1

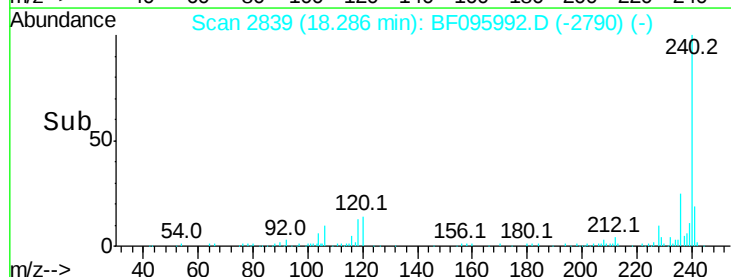
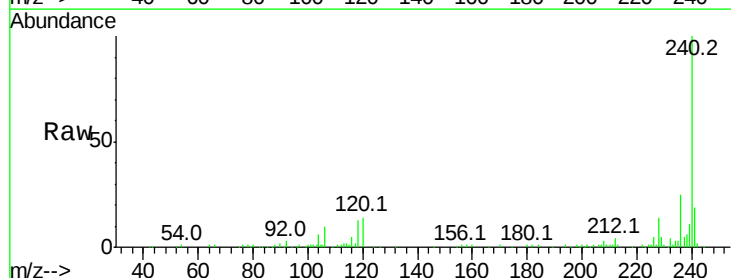
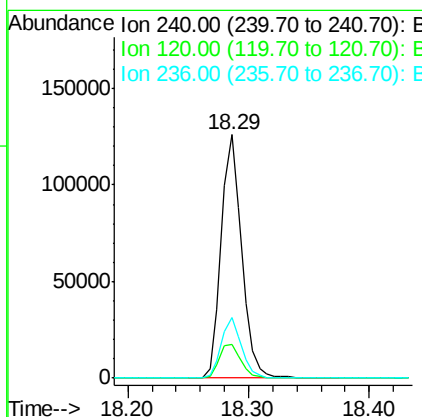
Manual Integrations
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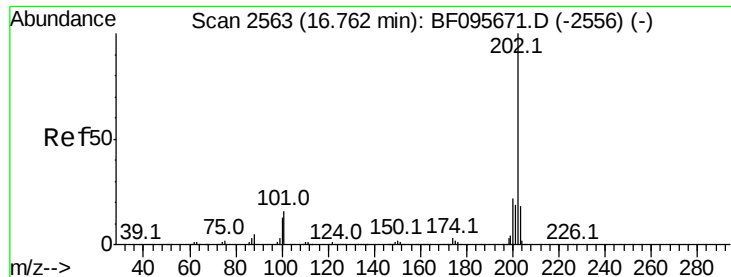
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#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.29 min Scan# 2839
 Delta R.T. -0.01 min
 Lab File: BF095992.D
 Acq: 17 Jun 2017 11:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	13.6	5.8	8.8#
236	24.9	20.5	30.7





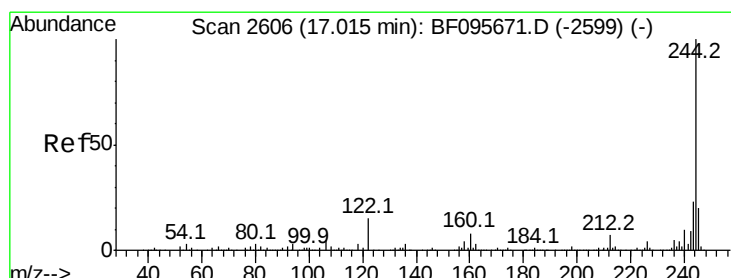
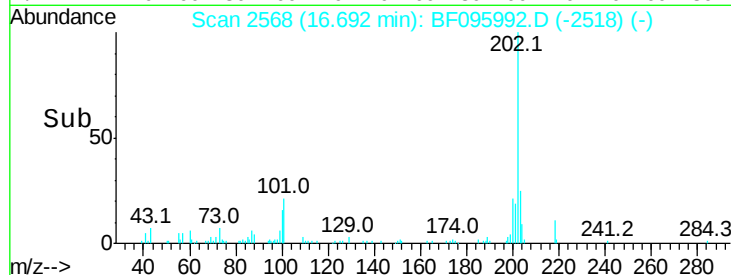
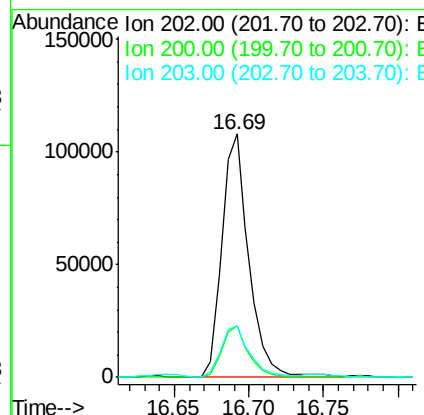
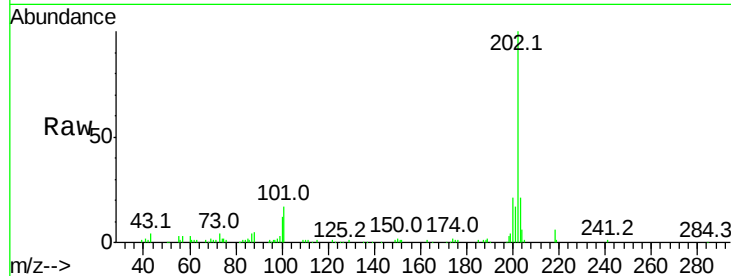
#77
Pvrene
Concen: 12.37 ng
RT: 16.69 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BF095992.D
Acq: 17 Jun 2017 11:59

Instrument :
BNA_F
ClientSampled :
E2-R5-BASE

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.4	17.6	26.4
203	21.1	14.4	21.6

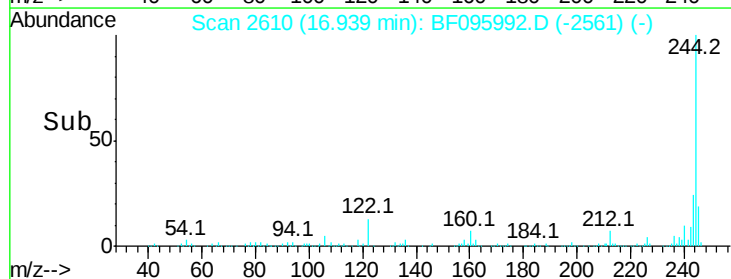
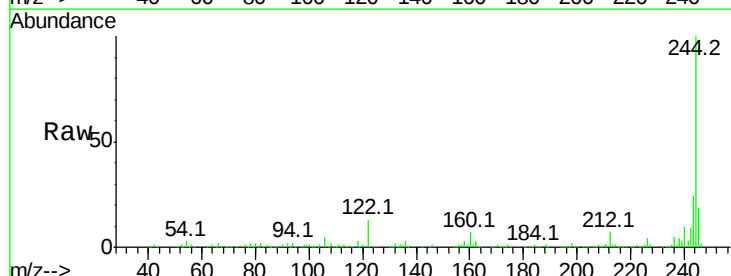
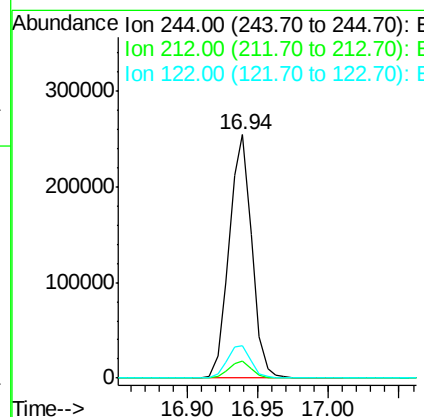
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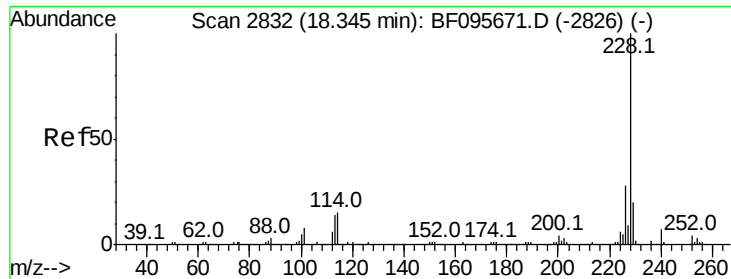
mohammad
6/19/2017 3:48:15 PM



#78
Terphenyl-d14
Concen: 47.37 ng
RT: 16.94 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BF095992.D
Acq: 17 Jun 2017 11:59

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	6.0	9.0
122	13.3	10.3	15.5





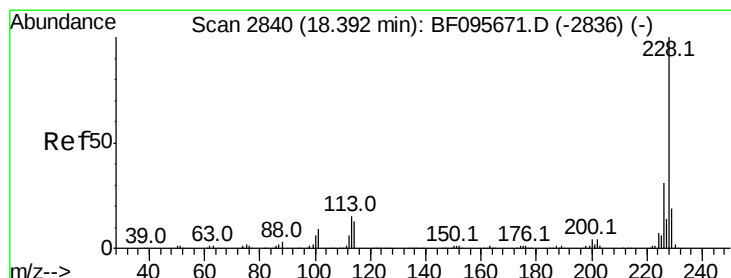
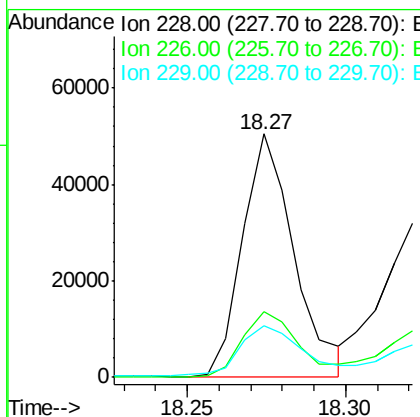
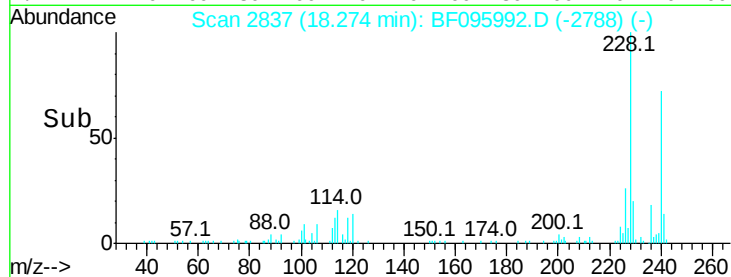
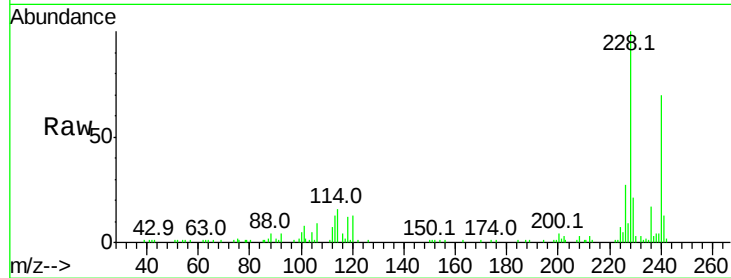
#80
Benzo(a)anthracene
Concen: 6.65 ng
RT: 18.27 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF095992.D
Acq: 17 Jun 2017 11:59

Instrument :
BNA_F
ClientSampleId :
E2-R5-BASE

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	21.4	16.3	24.5

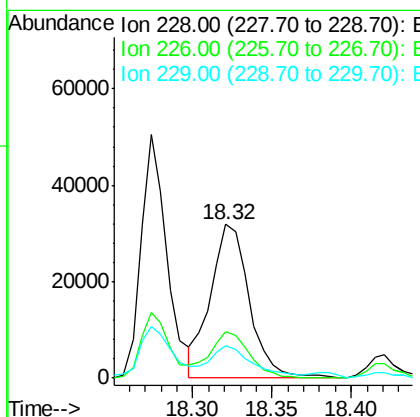
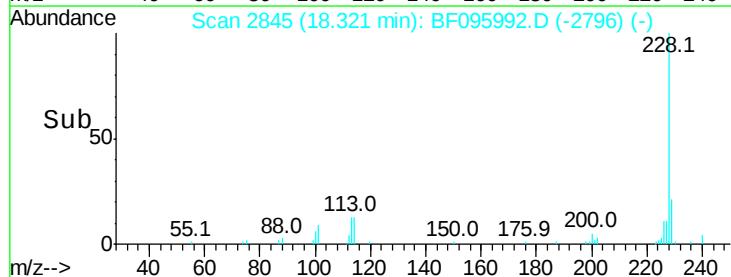
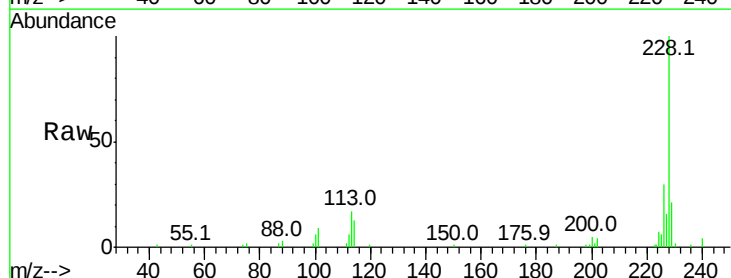
Manual Integrations
APPROVED

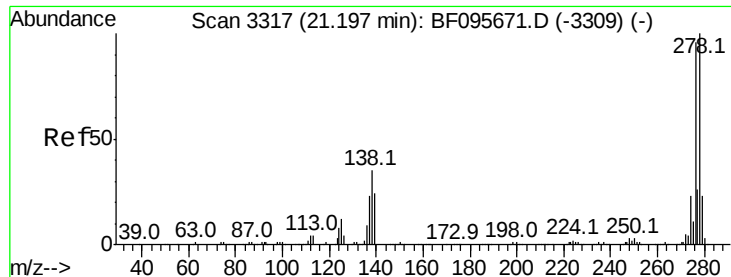
mohammad
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#82
Chrysene
Concen: 6.34 ng
RT: 18.32 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095992.D
Acq: 17 Jun 2017 11:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	21.0	15.8	23.6





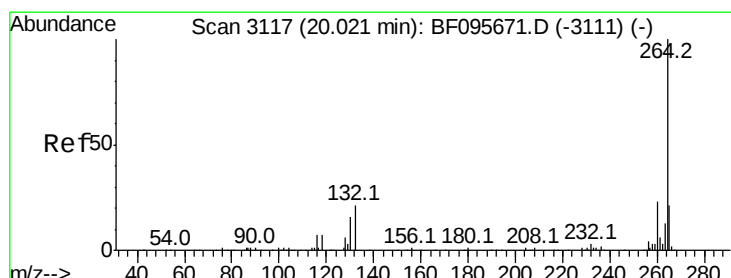
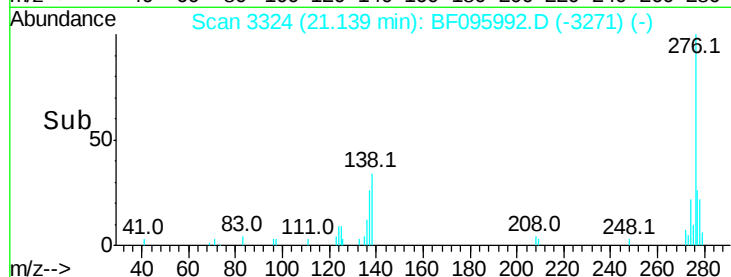
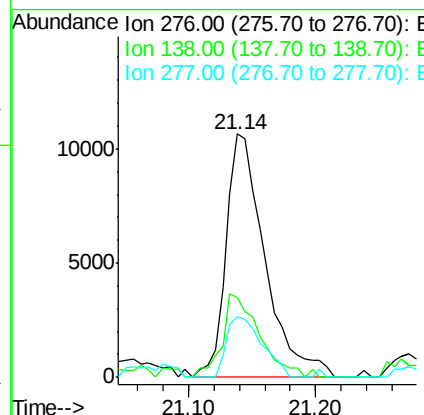
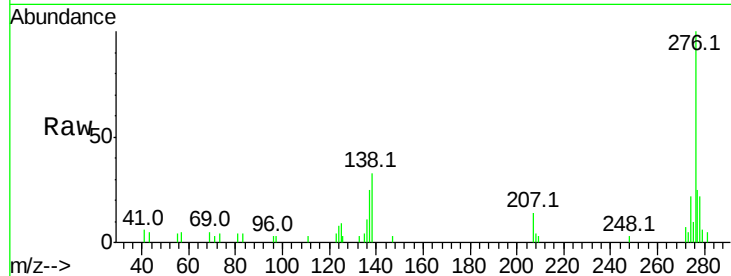
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.08 ng
RT: 21.14 min Scan# 3324
Delta R.T. 0.01 min
Lab File: BF095992.D
Acq: 17 Jun 2017 11:59

Instrument :
BNA_F
ClientSampled :
E2-R5-BASE

Tot Ion	Ratio	Lower	Upper
276	100		
138	33.2	27.8	41.6
277	22.9	20.2	30.4

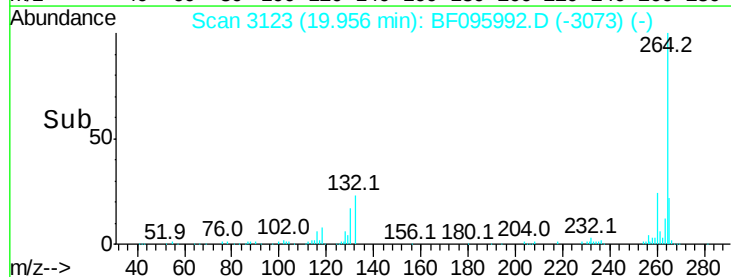
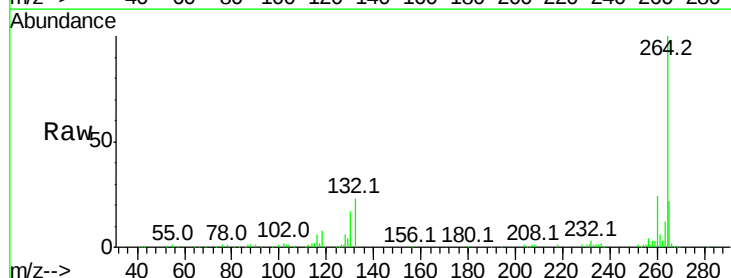
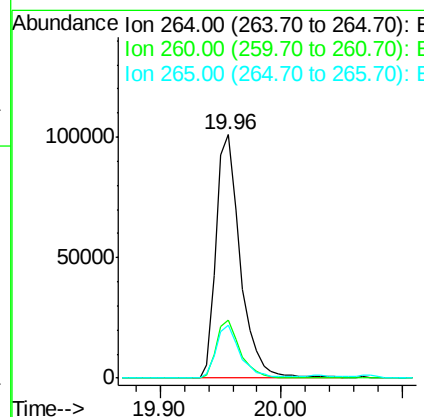
Manual Integrations
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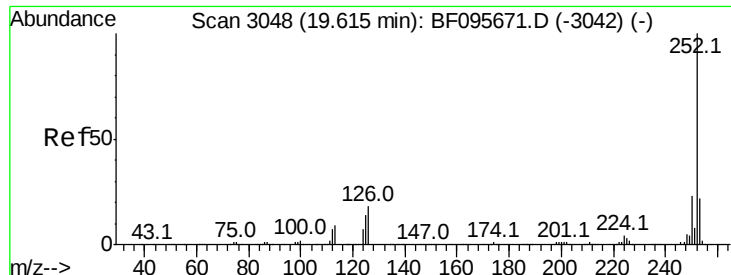
mohammad
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#86
Perylene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095992.D
Acq: 17 Jun 2017 11:59

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 7.32 ng

RT: 19.56 min Scan# 3055

Delta R.T. 0.00 min

Lab File: BF095992.D

Acq: 17 Jun 2017 11:59

Instrument :

BNA_F

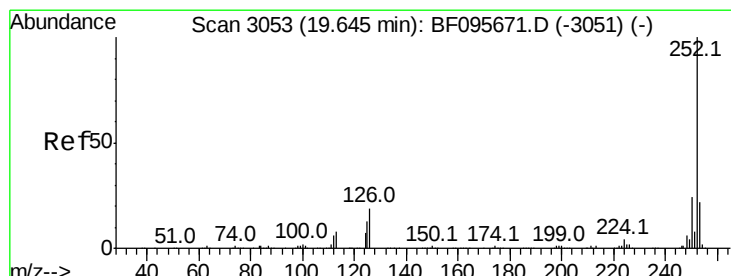
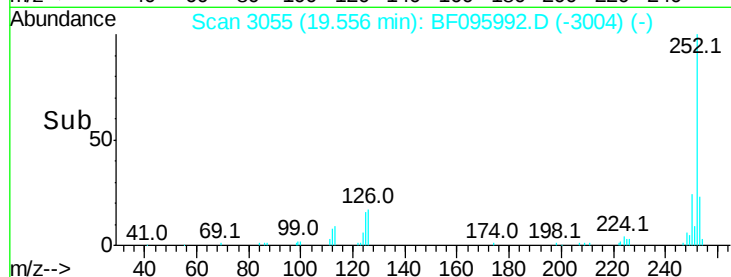
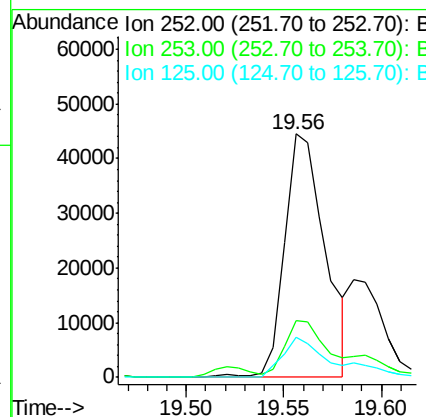
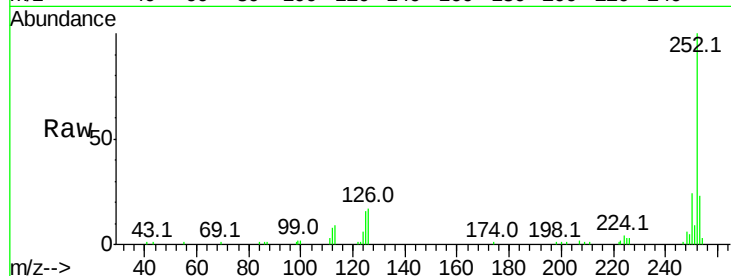
ClientSampleId :

E2-R5-BASE

Tot Ion:	252	Resp:	64045
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.1	27.1
125	16.5	9.8	14.8#

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 2.58 ng m

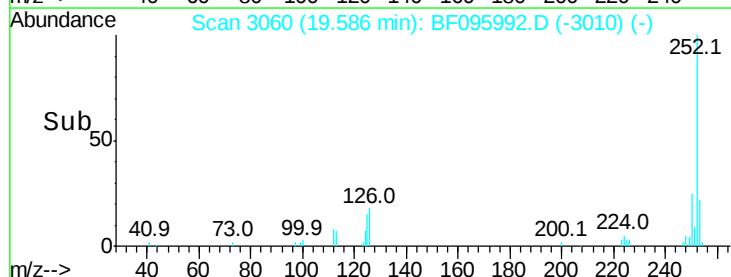
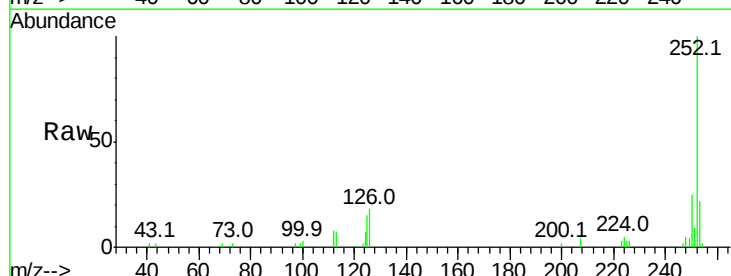
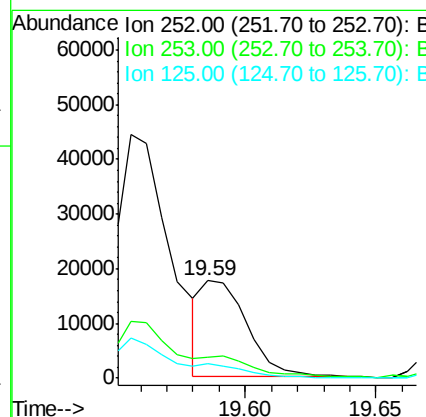
RT: 19.59 min Scan# 3060

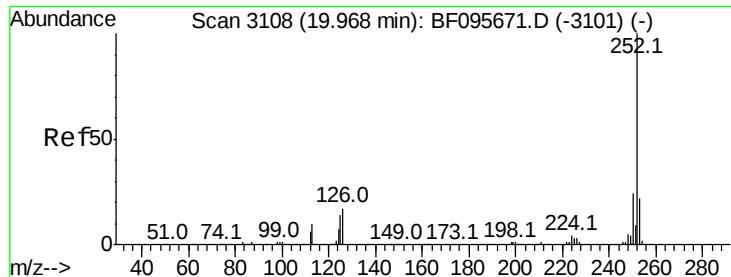
Delta R.T. -0.01 min

Lab File: BF095992.D

Acq: 17 Jun 2017 11:59

Tgt Ion:	252	Resp:	21588
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.4	27.6
125	14.5	13.1	19.7





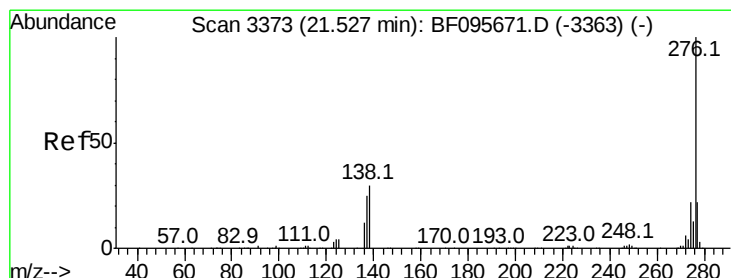
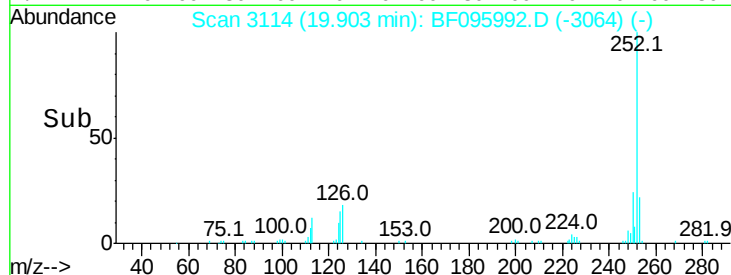
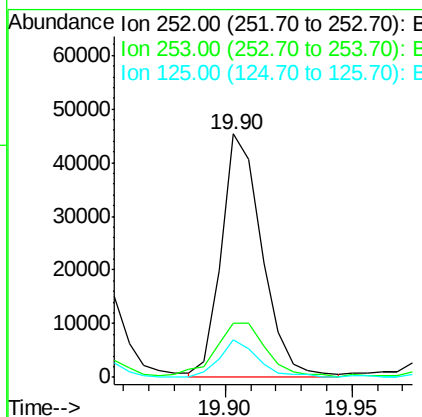
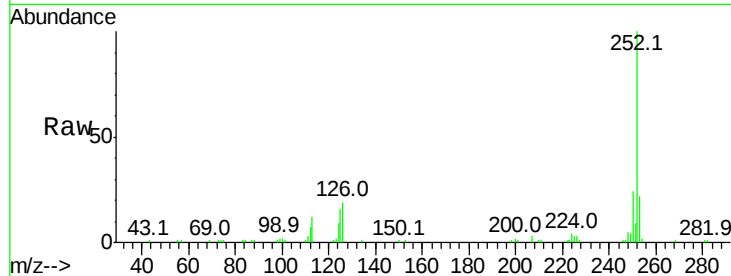
#89
Benzo(a)pyrene
Concen: 6.32 ng
RT: 19.90 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF095992.D
Acq: 17 Jun 2017 11:59

Instrument :
BNA_F
ClientSampleId :
E2-R5-BASE

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	15.6	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.85 ng
RT: 21.47 min Scan# 3381
Delta R.T. 0.03 min
Lab File: BF095992.D
Acq: 17 Jun 2017 11:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.6	18.6	28.0
138	31.6	25.4	38.0

