

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
 Data File : BF095628.D
 Acq On : 2 Jun 2017 10:18
 Operator : SJ/MA
 Sample : I3415-03 10X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-ESW

Manual Integrations
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Quant Time: Jun 02 13:58:27 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:03:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	111794	20.00	ng	-0.02
21) Naphthalene-d8	9.57	136	434225	20.00	ng	-0.02
38) Acenaphthene-d10	12.39	164	188335	20.00	ng	-0.02
63) Phenanthrene-d10	14.80	188	291828	20.00	ng	-0.02
75) Chrysene-d12	18.49	240	221041	20.00	ng	-0.02
86) Perylene-d12	20.17	264	186577	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	61262m	9.14	ng	0.07
7) Phenol-d6	7.16	99	85456m	10.62	ng	0.05
23) Nitrobenzene-d5	8.50	82	44716	6.49	ng	0.03
41) 2,4,6-Tribromophenol	13.72	330	11381	7.38	ng	0.01
44) 2-Fluorobiphenyl	11.35	172	97414	7.44	ng	-0.02
78) Terphenyl-d14	17.14	244	55826	5.56	ng	-0.02
Target Compounds						
70) Phenanthrene	14.84	178	83735	4.994	ng	99
74) Fluoranthene	16.60	202	107551	6.253	ng	98
77) Pyrene	16.91	202	89804	5.432	ng	# 95
80) Benzo(a)anthracene	18.49	228	34564	2.687	ng	97
82) Chrysene	18.53	228	33761	2.714	ng	100
87) Benzo(b)fluoranthene	19.77	252	37239	3.230	ng	# 96
89) Benzo(a)pyrene	20.12	252	28102	2.642	ng	# 95

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

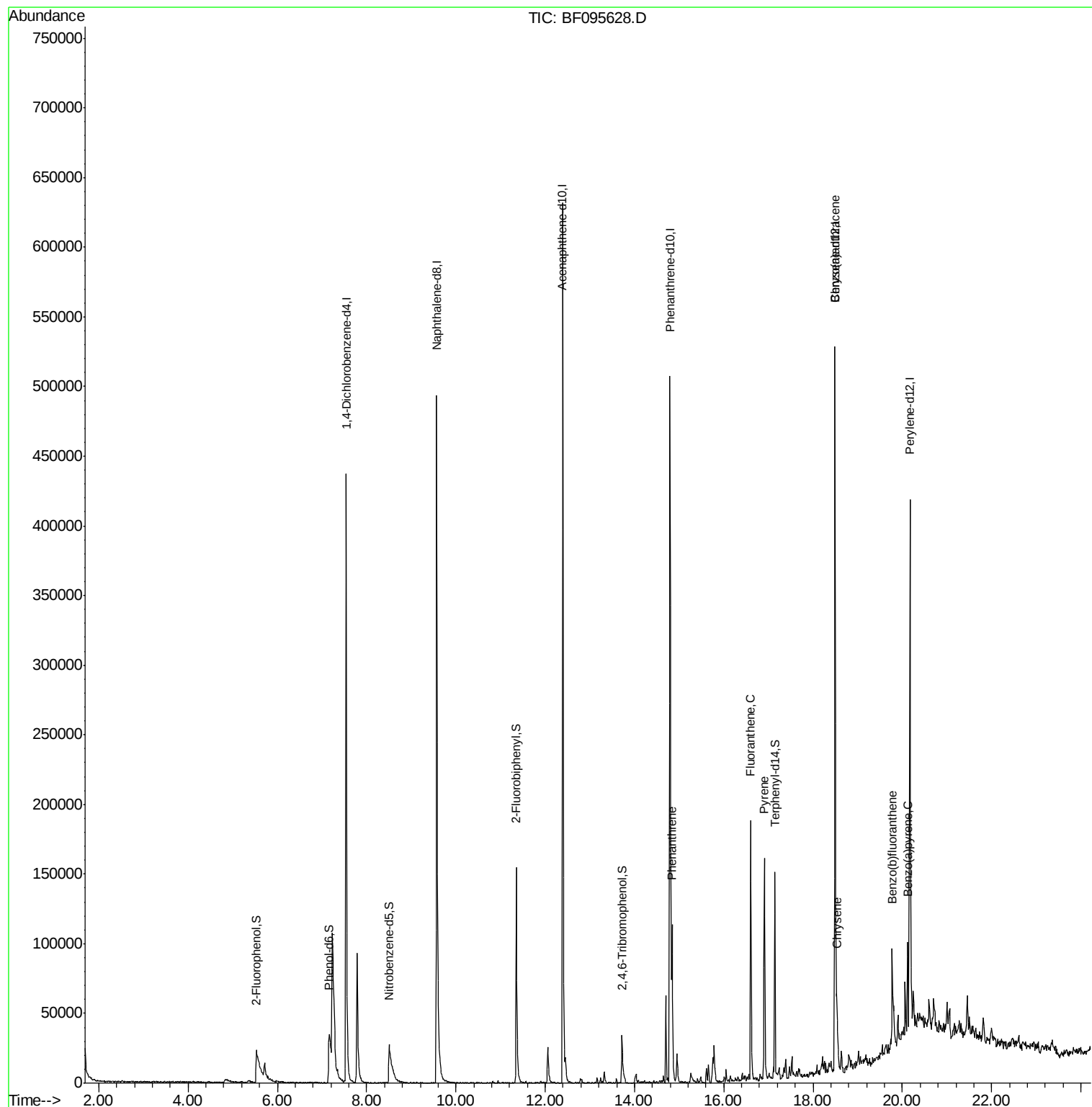
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060117\
Data File : BF095628.D
Acq On : 2 Jun 2017 10:18
Operator : SJ/MA
Sample : I3415-03 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

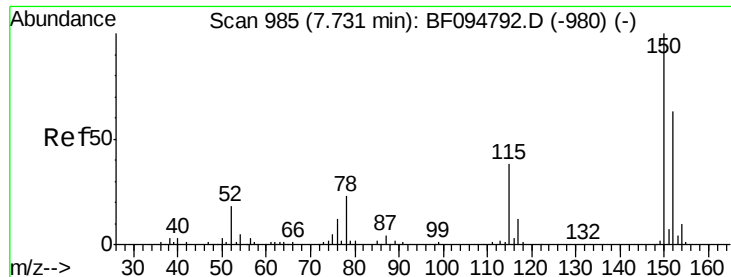
Instrument :
BNA_F
ClientSampleId :
E2-T6-ESW

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Quant Time: Jun 02 13:58:27 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

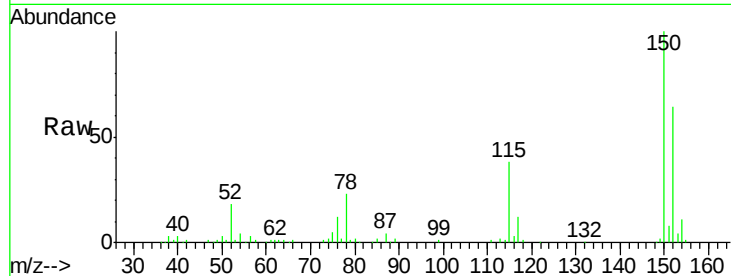
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 995
Delta R.T. -0.02 min
Lab File: BF095628.D
Acq: 2 Jun 2017 10:18

Instrument :
BNA_F
ClientSampleId :
E2-T6-ESW

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.5	126.2	189.2
115	60.2	52.2	78.2

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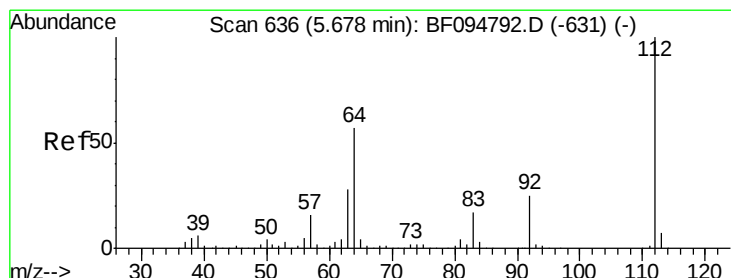
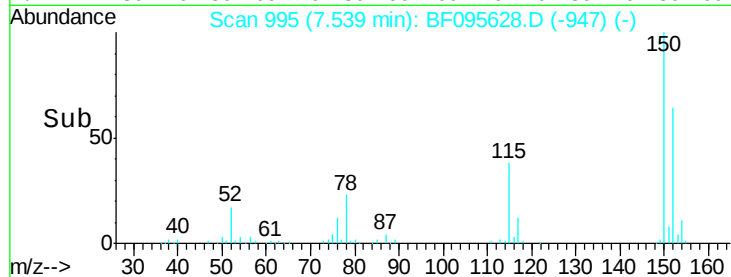
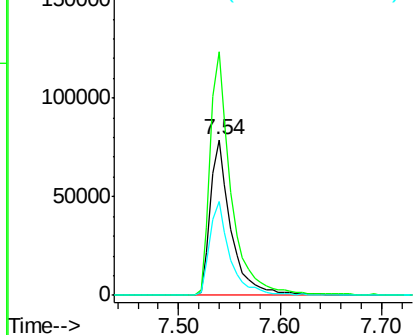


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

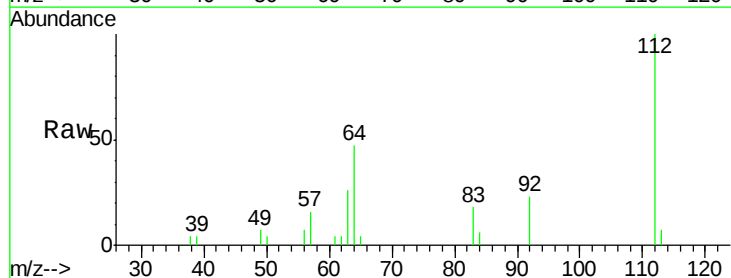
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 9.136 ng m
RT: 5.53 min Scan# 654
Delta R.T. 0.07 min
Lab File: BF095628.D
Acq: 2 Jun 2017 10:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.1	46.0	69.0
63	26.2	23.4	35.0

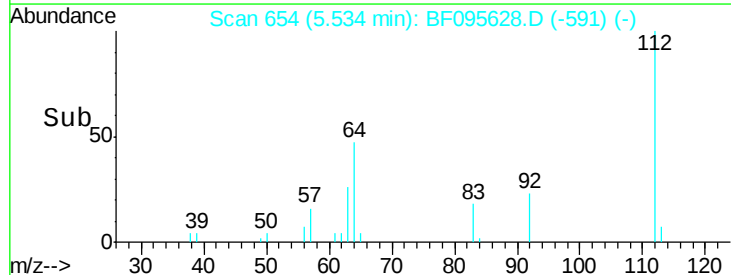
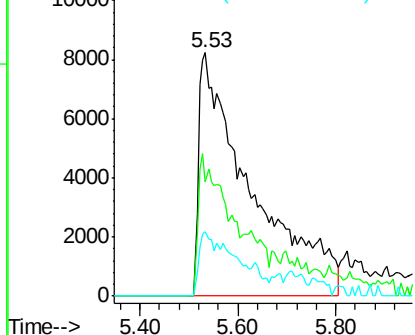


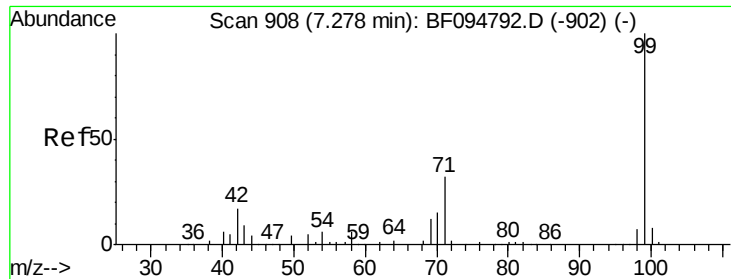
Abundance

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: 10.622 ng m

RT: 7.16 min Scan# 930

Delta R.T. 0.05 min

Lab File: BF095628.D

Acq: 2 Jun 2017 10:18

Instrument :

BNA_F

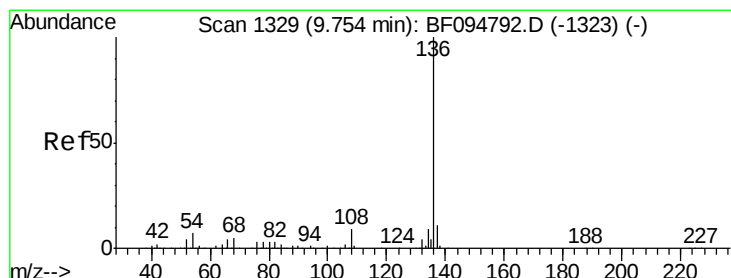
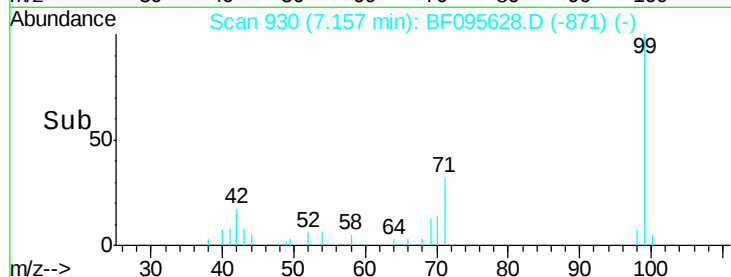
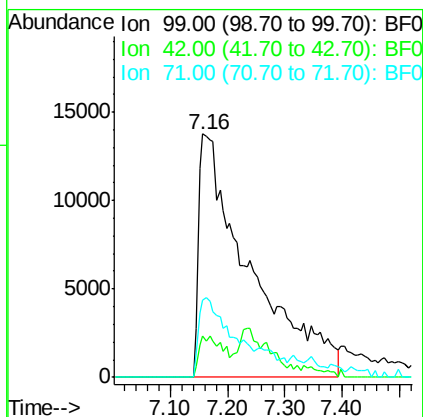
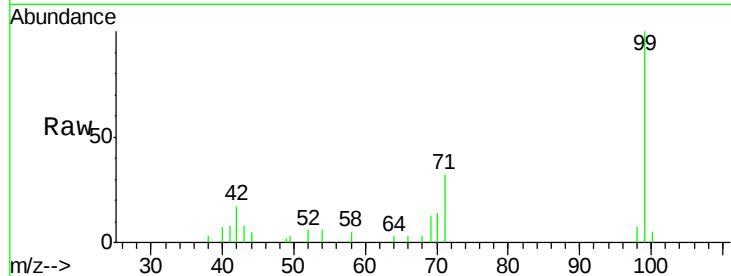
ClientSampleId :

E2-T6-ESW

Tgt Ion:	99	Resp:	85456
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.5	20.3
71	32.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

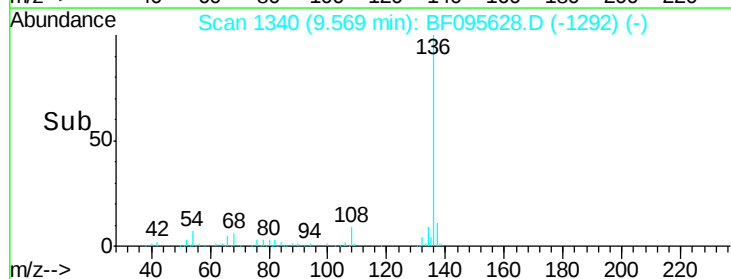
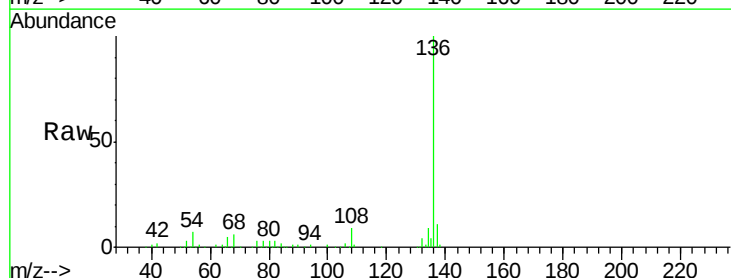
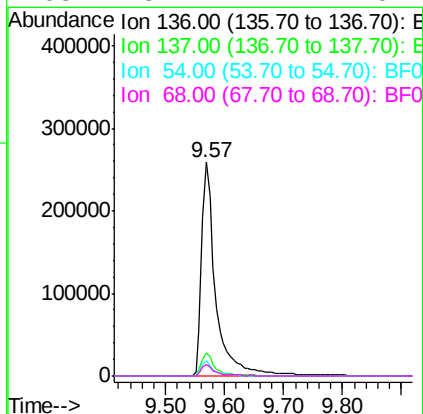
RT: 9.57 min Scan# 1340

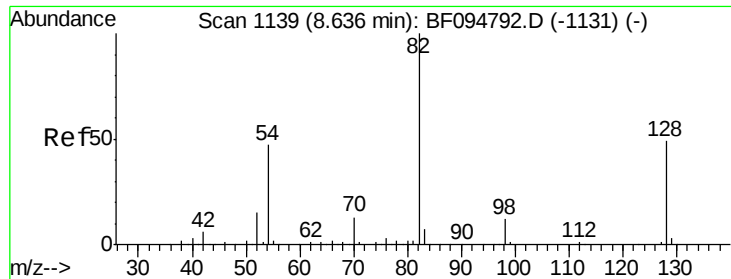
Delta R.T. -0.02 min

Lab File: BF095628.D

Acq: 2 Jun 2017 10:18

Tgt Ion:	136	Resp:	434225
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	7.4	4.9	7.3#
68	5.7	4.1	6.1





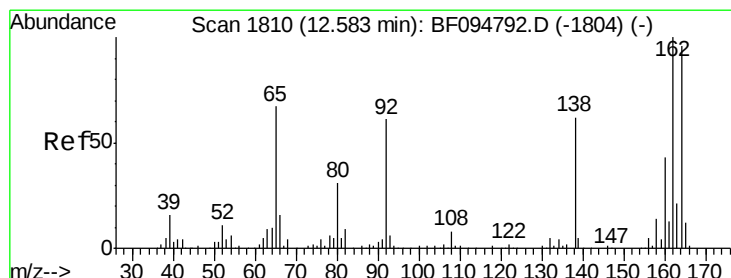
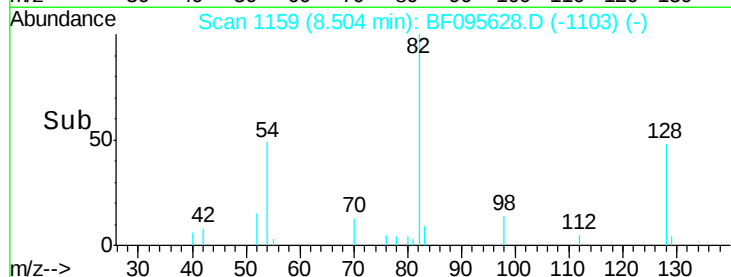
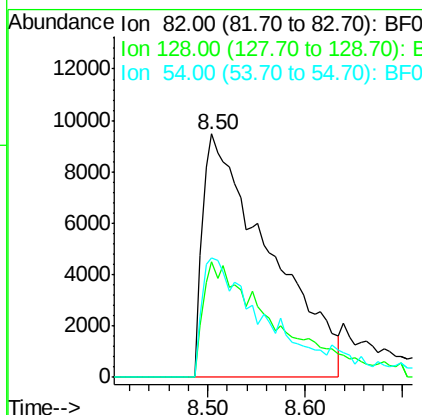
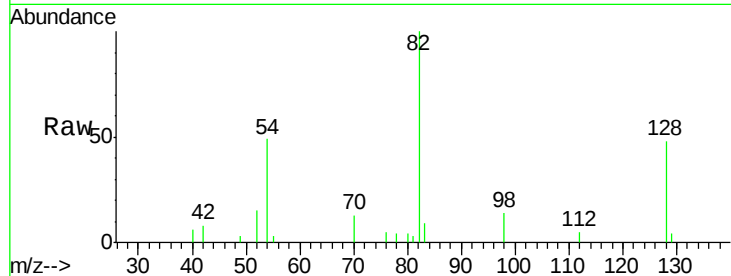
#23
 Nitrobenzene-d5
 Concen: 6.494 ng
 RT: 8.50 min Scan# 1159
 Delta R.T. 0.03 min
 Lab File: BF095628.D
 Acq: 2 Jun 2017 10:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-ESW

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.7	34.0	51.0
54	49.2	42.2	63.2

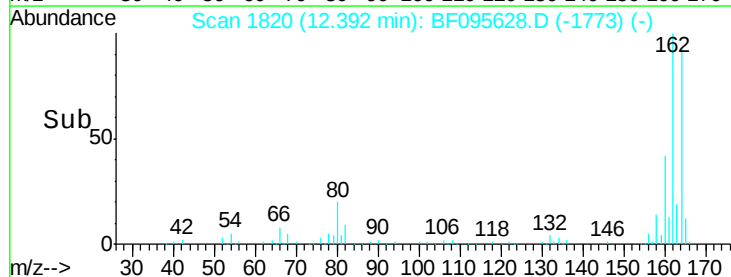
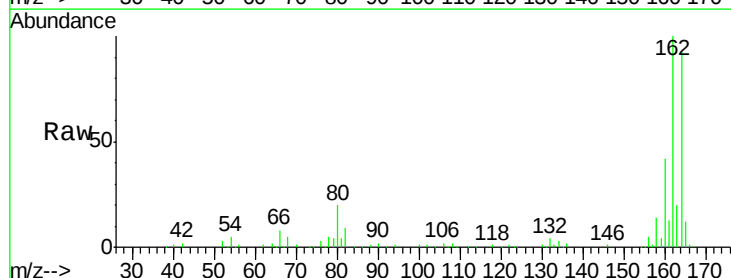
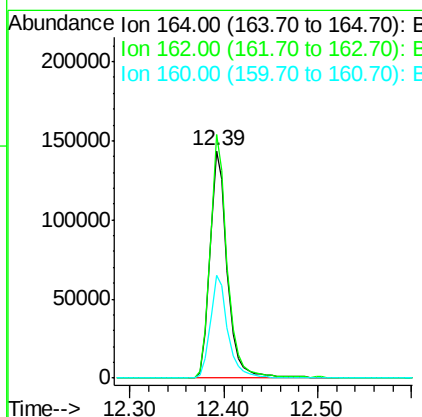
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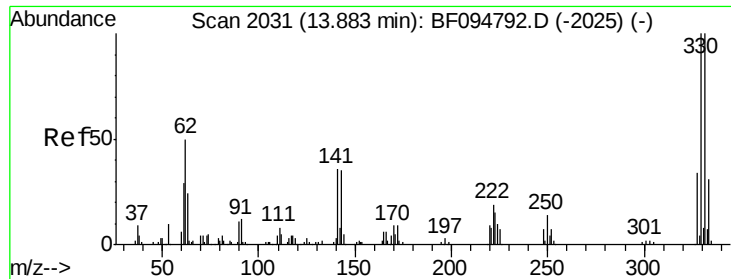
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BF095628.D
 Acq: 2 Jun 2017 10:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.3	82.6	123.8
160	45.1	36.2	54.2





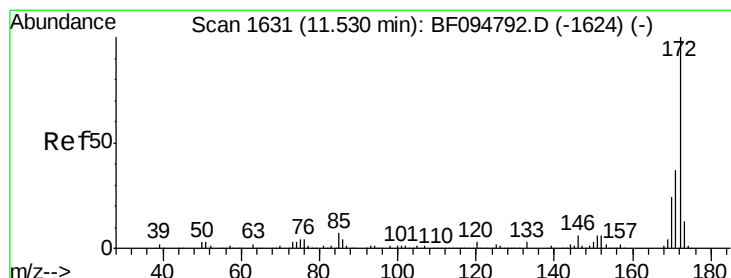
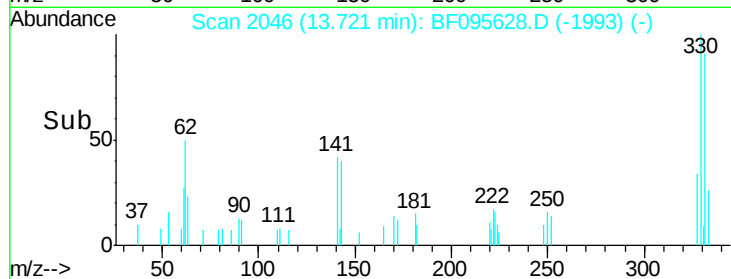
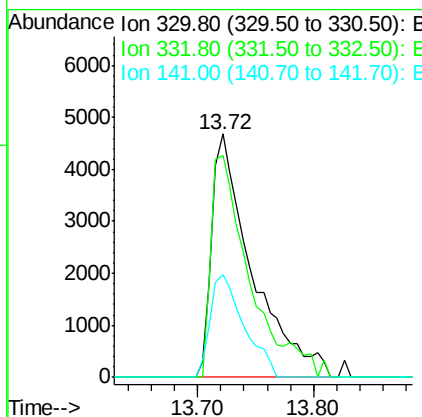
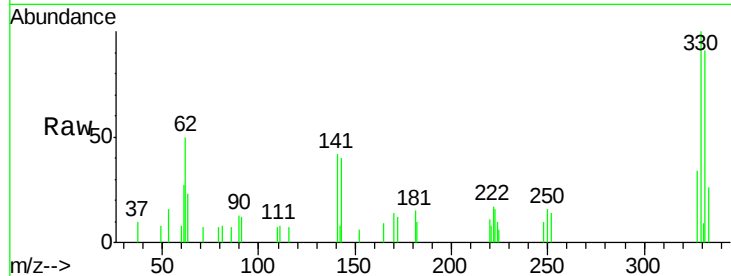
#41
 2,4,6-Tribromophenol
 Concen: 7.379 ng
 RT: 13.72 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF095628.D
 Acq: 2 Jun 2017 10:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-ESW

Tgt Ion	Ratio	Lower	Upper
330	100		
332	87.7	76.6	115.0
141	35.3	31.4	47.2

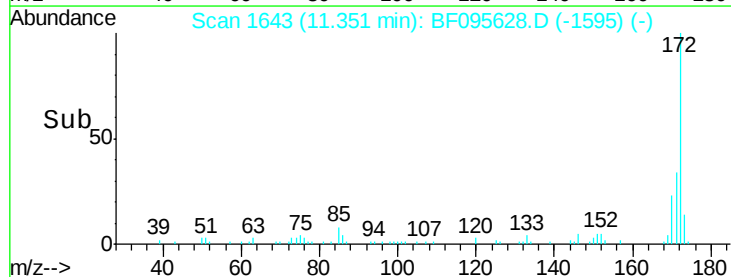
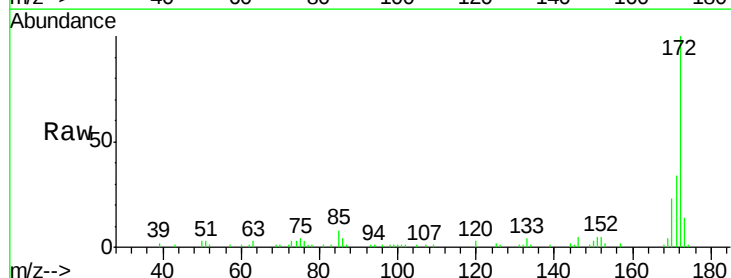
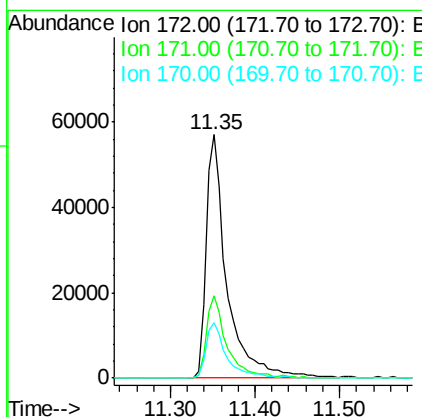
Manual Integrations
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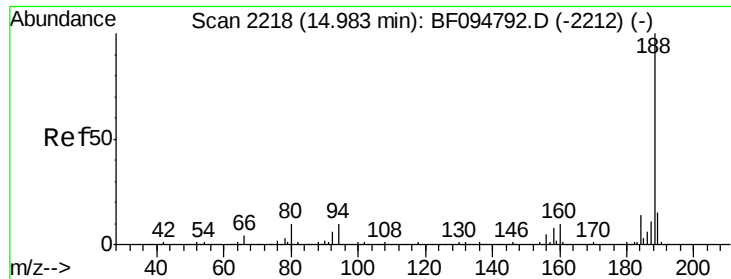
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#44
 2-Fluorobiphenyl
 Concen: 7.445 ng
 RT: 11.35 min Scan# 1643
 Delta R.T. -0.02 min
 Lab File: BF095628.D
 Acq: 2 Jun 2017 10:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	29.6	44.4
170	22.5	19.8	29.8





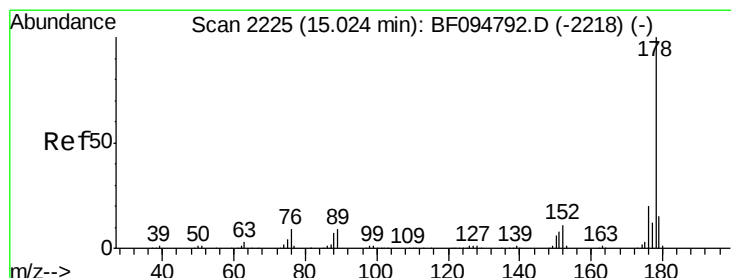
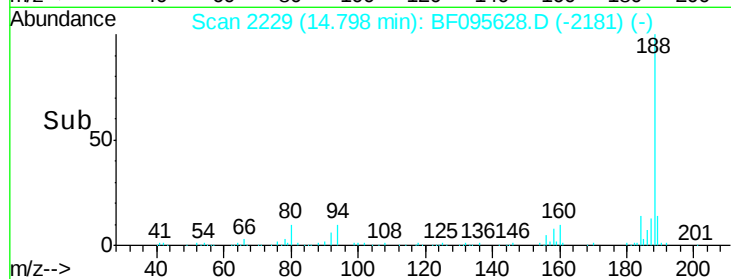
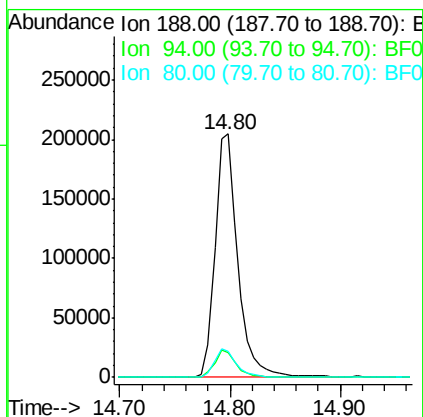
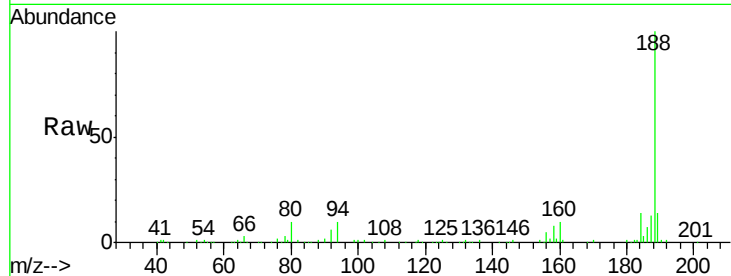
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BF095628.D
 Acq: 2 Jun 2017 10:18

Instrument :
 BNA_F
 ClientSampleId :
 E2-T6-ESW

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	291828		
94	10.4		9.4	14.2
80	10.5		10.2	15.2

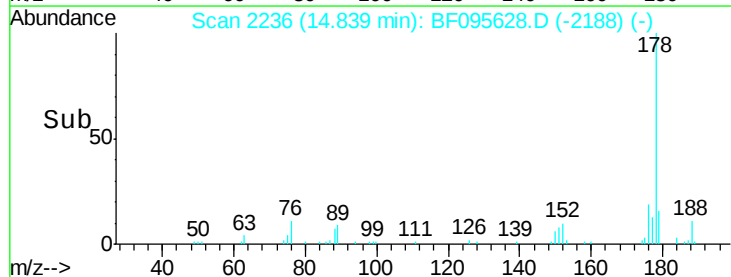
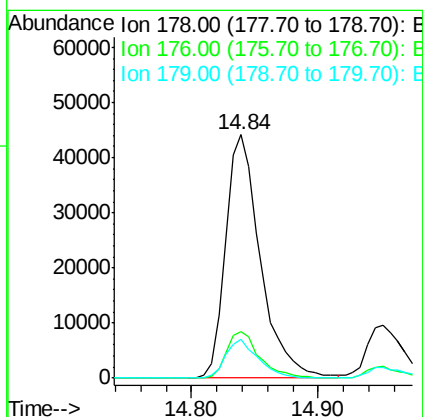
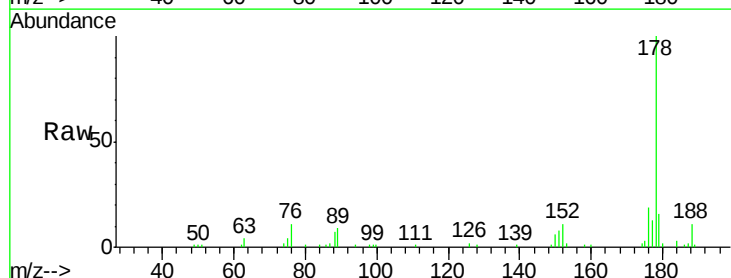
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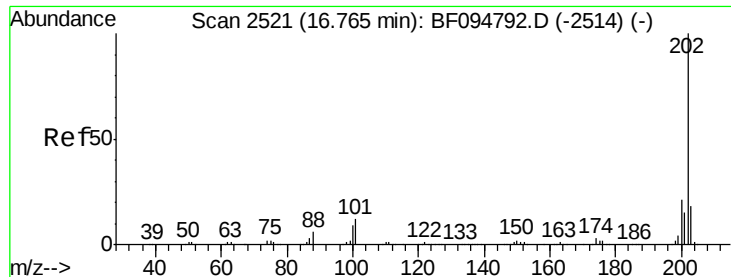
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#70
 Phenanthrene
 Concen: 4.994 ng
 RT: 14.84 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF095628.D
 Acq: 2 Jun 2017 10:18

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	83735		
176	19.3		16.2	24.4
179	16.0		12.6	19.0





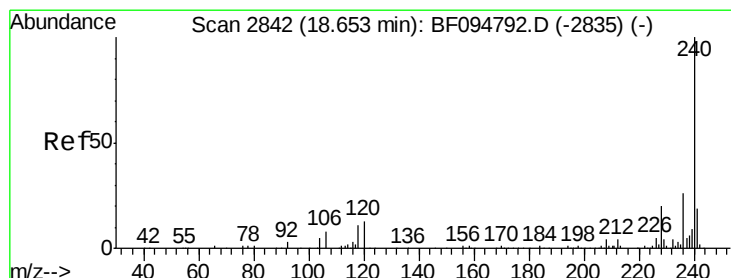
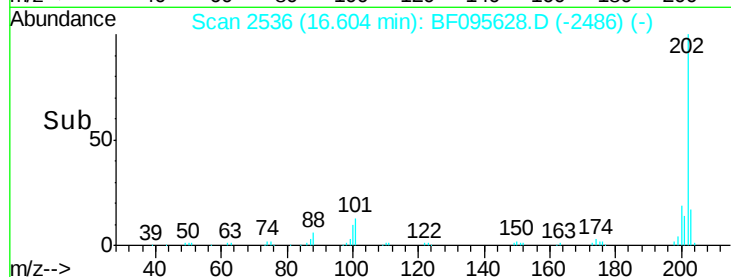
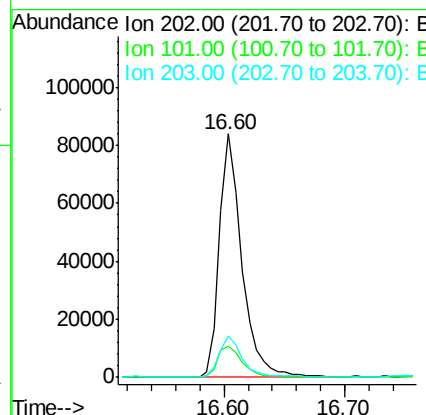
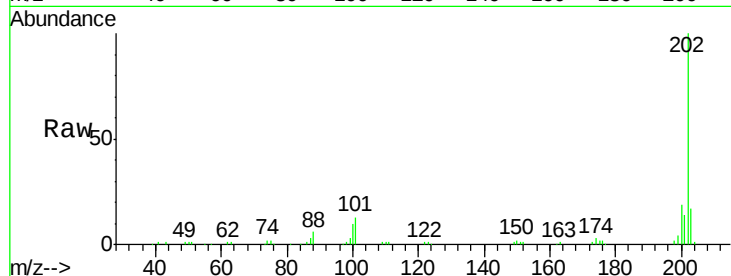
#74
Fluoranthene
 Concen: 6.253 ng
 RT: 16.60 min Scan# 2536
 Delta R.T. -0.01 min
 Lab File: BF095628.D
 Acq: 2 Jun 2017 10:18

Instrument :
 BNA_F
 ClientSampled :
 E2-T6-ESW

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.7	0.0	33.2
203	16.9	0.0	38.1

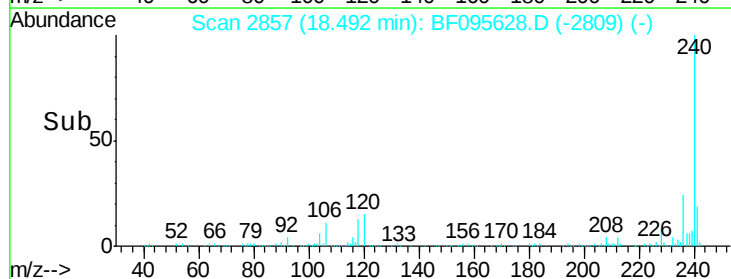
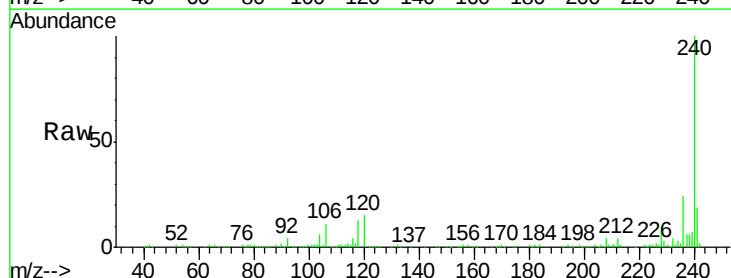
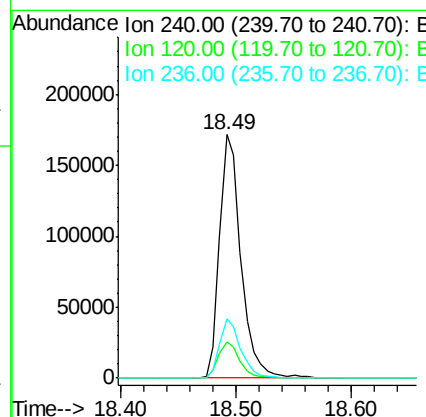
Manual Integrations
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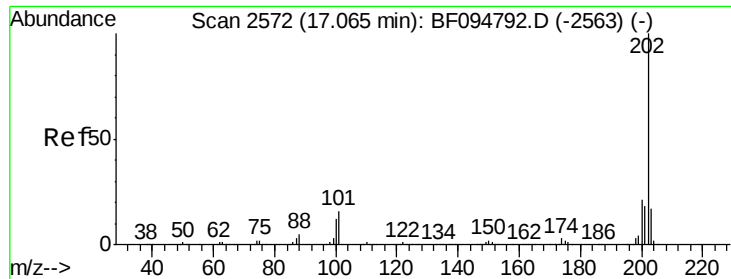
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#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 18.49 min Scan# 2857
 Delta R.T. -0.02 min
 Lab File: BF095628.D
 Acq: 2 Jun 2017 10:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	14.9	5.8	8.8#
236	24.4	20.5	30.7





#77

Pyrene

Concen: 5.432 ng

RT: 16.91 min Scan# 2588

Delta R.T. -0.01 min

Lab File: BF095628.D

Acq: 2 Jun 2017 10:18

Instrument :

BNA_F

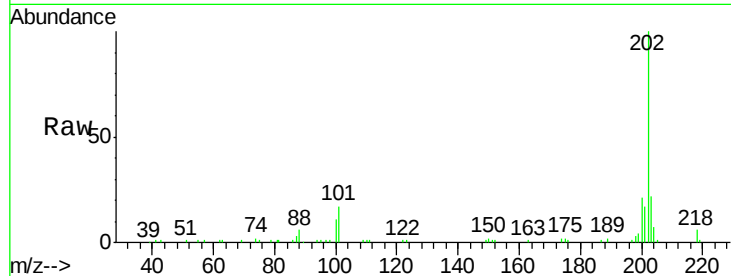
ClientSampleId :

E2-T6-ESW

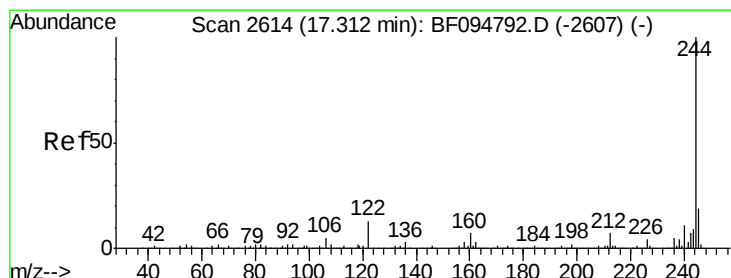
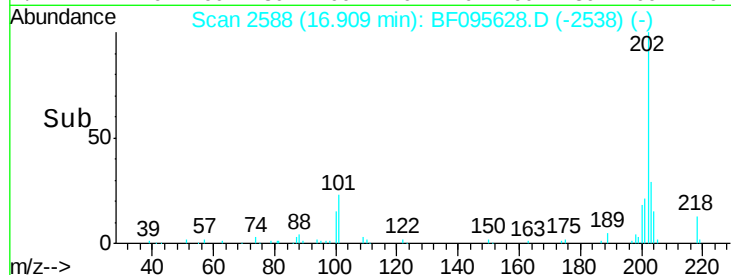
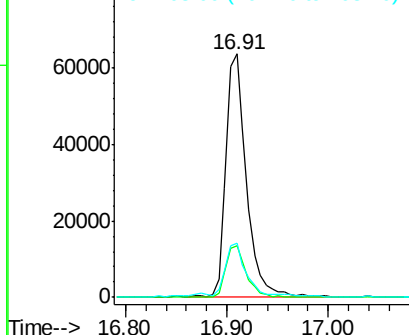
Tgt Ion:	202	Resp:	89804
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.6	26.4
203	22.2	14.4	21.6

Manual Integrations
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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: 5.563 ng

RT: 17.14 min Scan# 2628

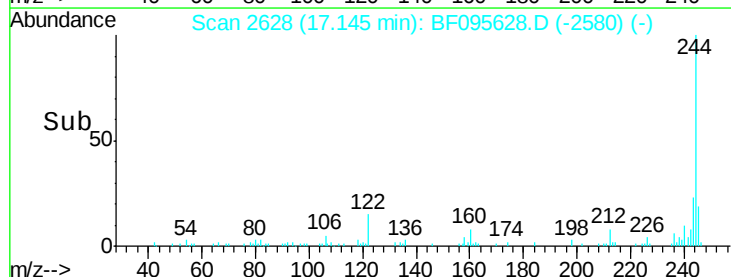
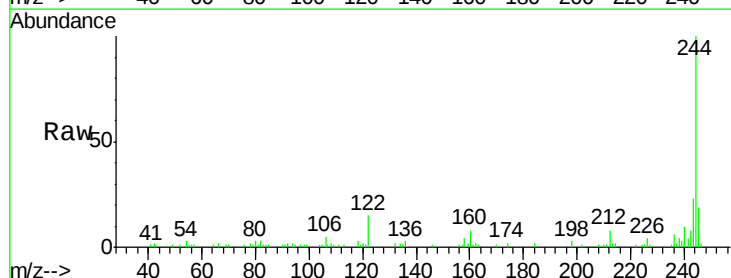
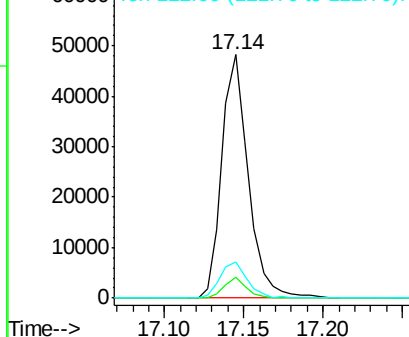
Delta R.T. -0.02 min

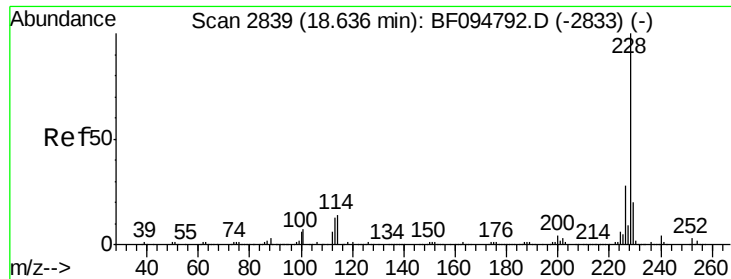
Lab File: BF095628.D

Acq: 2 Jun 2017 10:18

Tgt Ion:	244	Resp:	55826
Ion Ratio	Lower	Upper	
244	100		
212	8.5	6.0	9.0
122	14.7	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





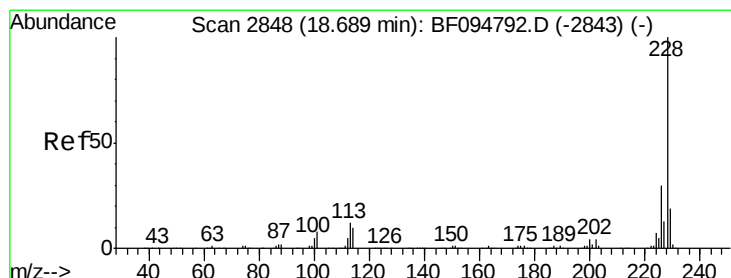
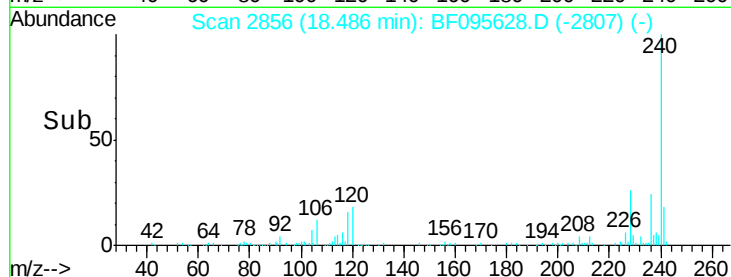
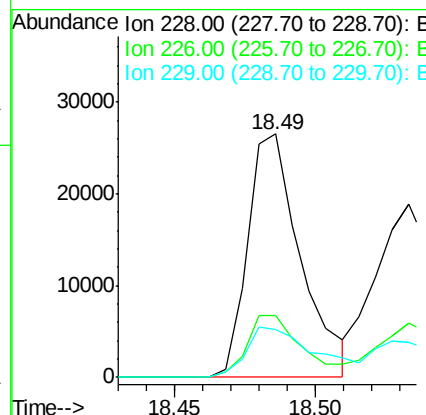
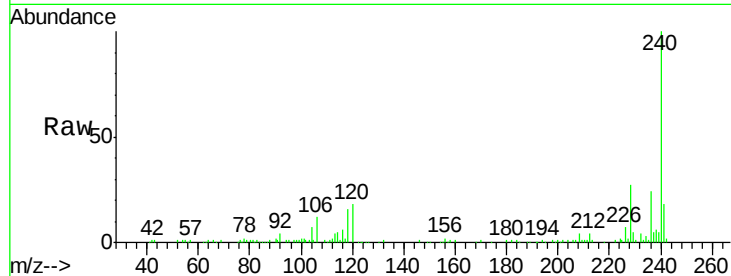
#80
Benzo(a)anthracene
Concen: 2.687 ng
RT: 18.49 min Scan# 2856
Delta R.T. -0.01 min
Lab File: BF095628.D
Acq: 2 Jun 2017 10:18

Instrument :
BNA_F
ClientSampleId :
E2-T6-ESW

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.6	22.6	33.8
229	19.8	16.3	24.5

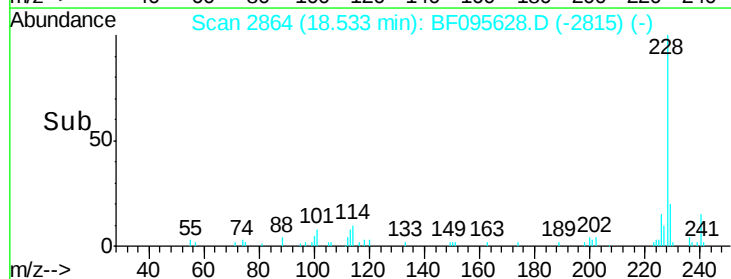
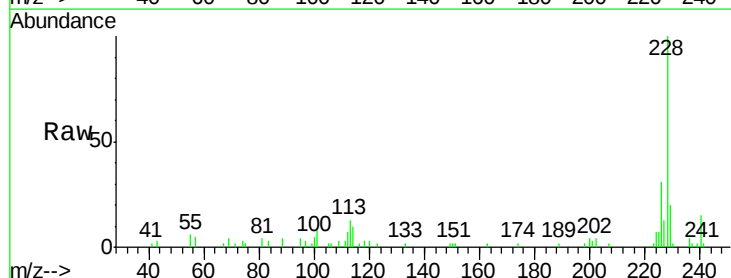
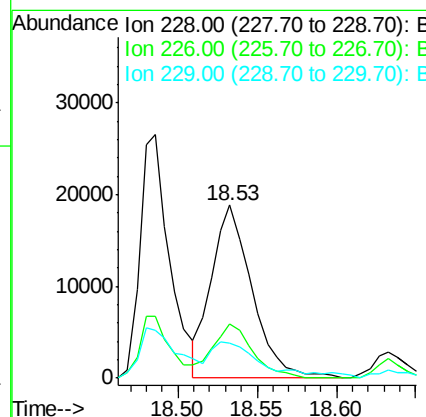
Manual Integrations
APPROVED

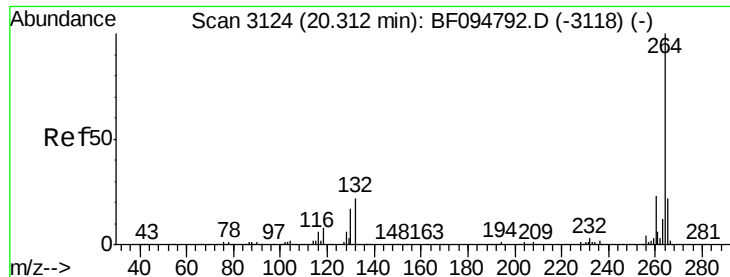
mohammad
6/2/2017 2:33:11 PM



#82
Chrysene
Concen: 2.714 ng
RT: 18.53 min Scan# 2864
Delta R.T. -0.01 min
Lab File: BF095628.D
Acq: 2 Jun 2017 10:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	20.1	15.8	23.6





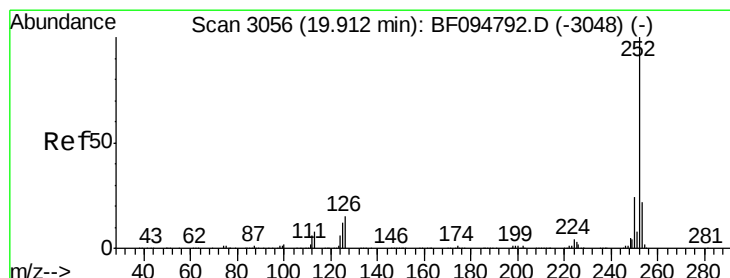
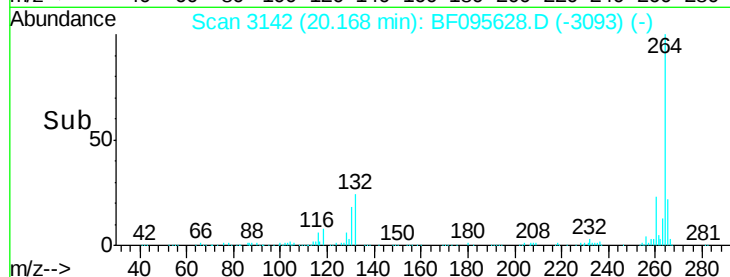
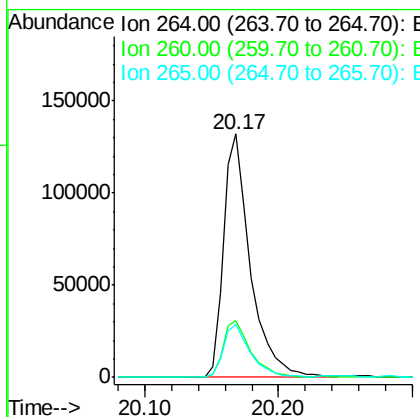
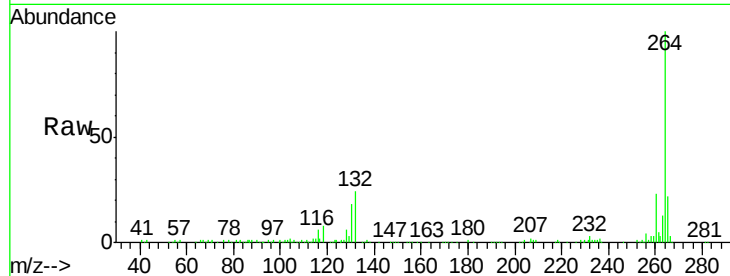
#86
Perylene-d12
Concen: 20.000 ng
RT: 20.17 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BF095628.D
Acq: 2 Jun 2017 10:18

Instrument :
BNA_F
ClientSampleId :
E2-T6-ESW

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.7	17.2	25.8

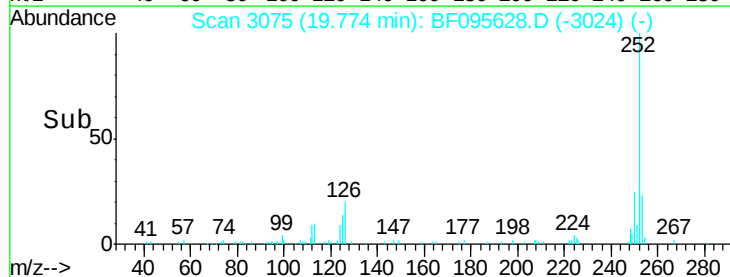
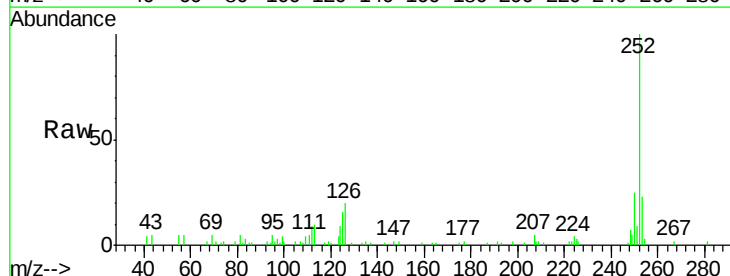
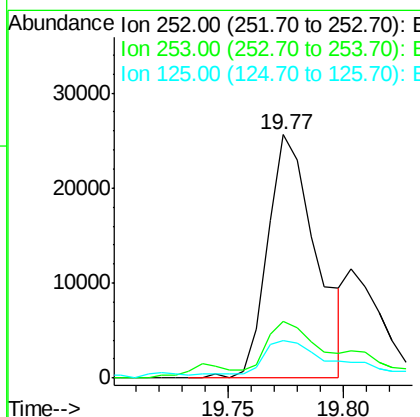
Manual Integrations
APPROVED

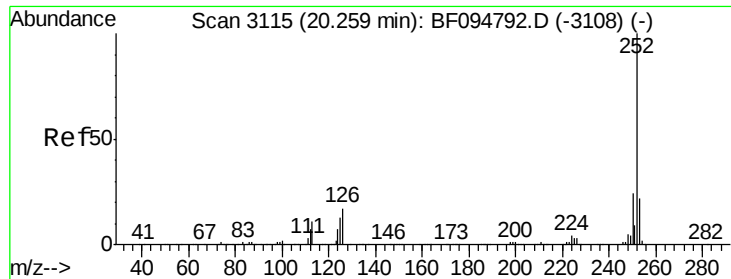
mohammad
6/2/2017 2:33:11 PM



#87
Benzo(b)fluoranthene
Concen: 3.230 ng
RT: 19.77 min Scan# 3075
Delta R.T. 0.00 min
Lab File: BF095628.D
Acq: 2 Jun 2017 10:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	15.6	9.8	14.8





#89
Benzo(a)pyrene
Concen: 2.642 ng
RT: 20.12 min Scan# 3134
Delta R.T. 0.00 min
Lab File: BF095628.D
Acq: 2 Jun 2017 10:18

Instrument :
BNA_F
ClientSampleId :
E2-T6-ESW

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.4	17.5	26.3
125	16.8	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/2/2017 2:33:11 PM

