

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097781.D
 Acq On : 17 Aug 2017 11:29
 Operator : SJ/JU
 Sample : I4797-03 10X
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-J9-NSW

Manual Integrations
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Quant Time: Aug 17 15:18:00 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	163008	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	598027	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	236605	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	360782	20.00	ng	0.00
75) Chrysene-d12	13.93	240	313429	20.00	ng	0.00
86) Perylene-d12	15.36	264	270643	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	115457	10.77	ng	-0.01
7) Phenol-d6	6.40	99	155131	10.65	ng	-0.01
23) Nitrobenzene-d5	7.33	82	91164	8.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	16720	8.14	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	146909	9.12	ng	-0.01
78) Terphenyl-d14	12.88	244	80040	5.33	ng	-0.01
Target Compounds						
70) Phenanthrene	11.32	178	102581	5.336	ng	98
74) Fluoranthene	12.50	202	132489	6.603	ng	98
77) Pyrene	12.73	202	125503	4.896	ng	96
80) Benzo(a)anthracene	13.92	228	62594	3.332	ng	96
82) Chrysene	13.96	228	51737	2.769	ng	97
87) Benzo(b)fluoranthene	14.95	252	60114m	3.524	ng	
89) Benzo(a)pyrene	15.30	252	42253	2.798	ng	96

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

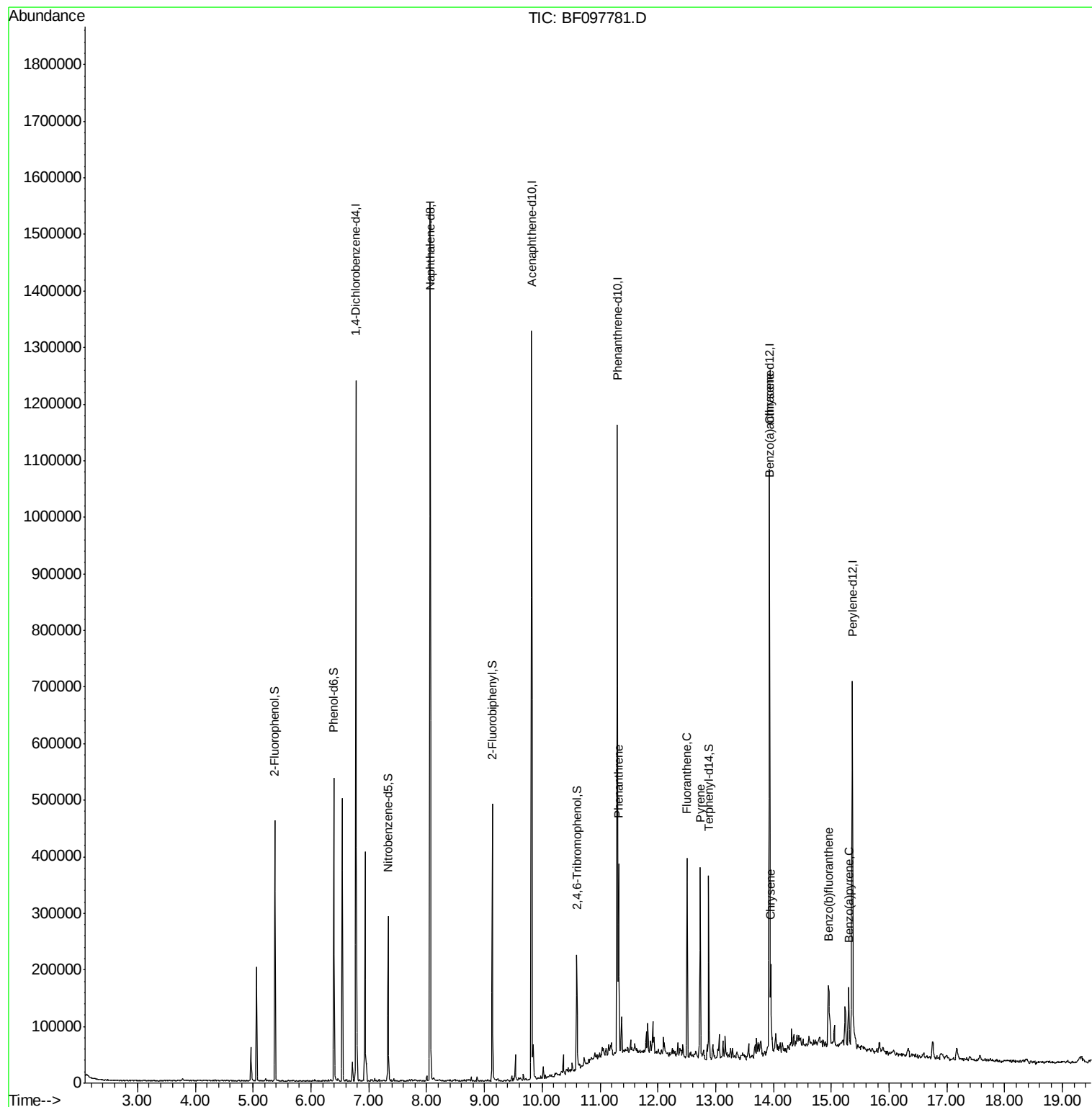
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097781.D
Acq On : 17 Aug 2017 11:29
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Misc :
ALS Vial : 47 Sample Multiplier: 1

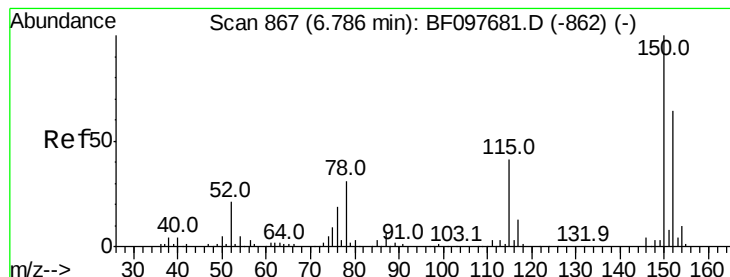
Instrument :
BNA_F
ClientSampleId :
E2-J9-NSW

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Quant Time: Aug 17 15:18:00 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration





#1

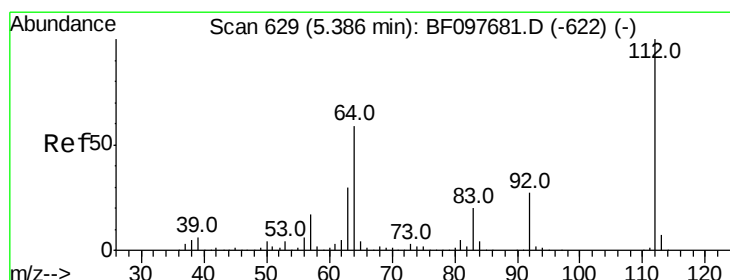
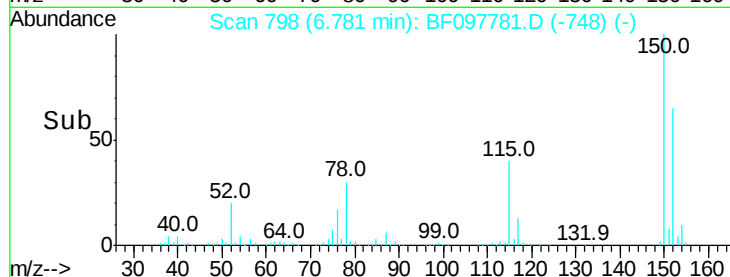
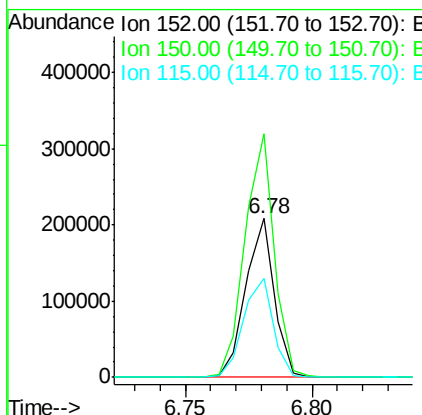
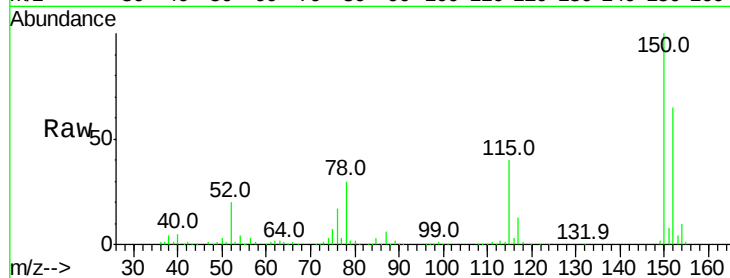
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Instrument :
BNA_F
ClientSampleId :
E2-J9-NSW

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	126.2	189.2
115	62.1	52.2	78.2

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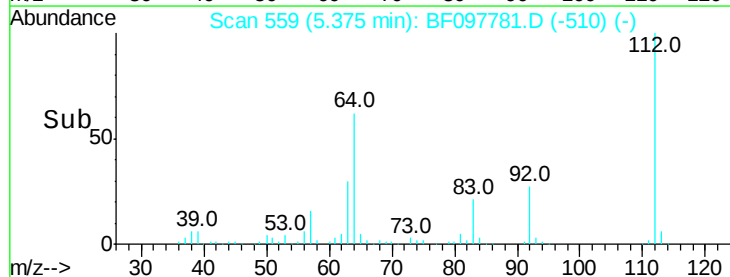
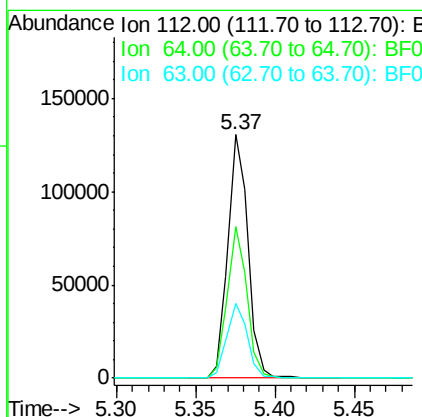
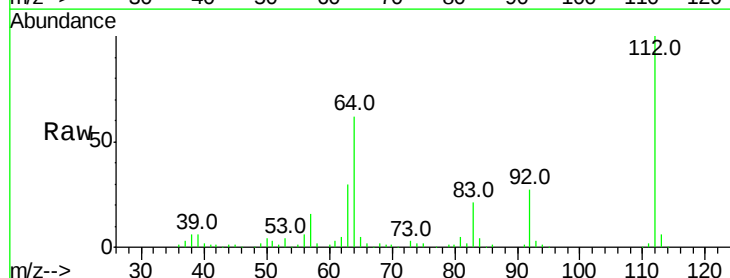
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#5

2-Fluorophenol
Concen: 10.774 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.5	46.0	69.0
63	30.5	23.4	35.0





#7

Phenol-d6

Concen: 10.654 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF097781.D

Acq: 17 Aug 2017 11:29

Instrument :

BNA_F

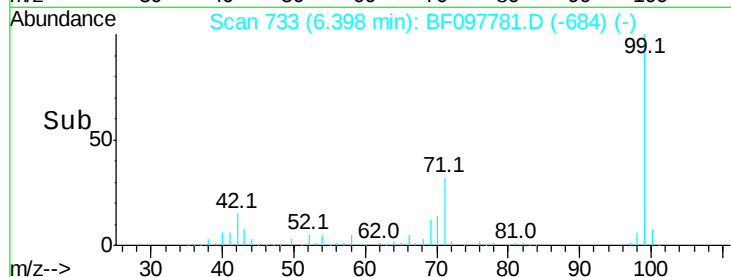
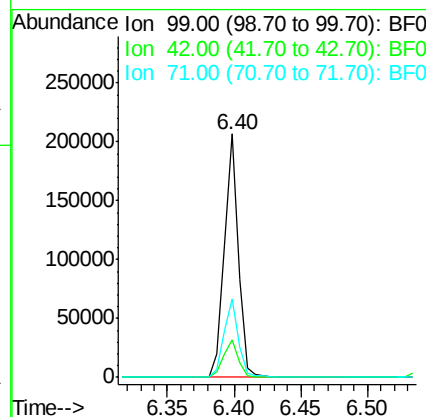
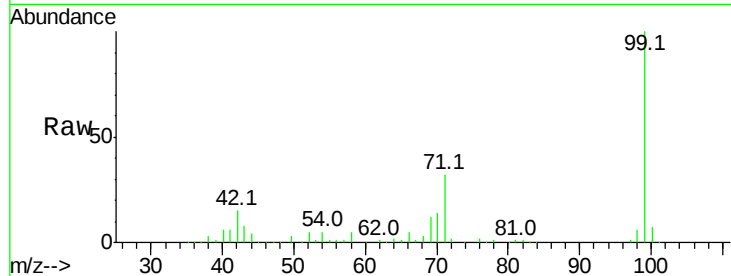
ClientSampled :

E2-J9-NSW

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		155131		
42	15.5	13.5	20.3		
71	32.1	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

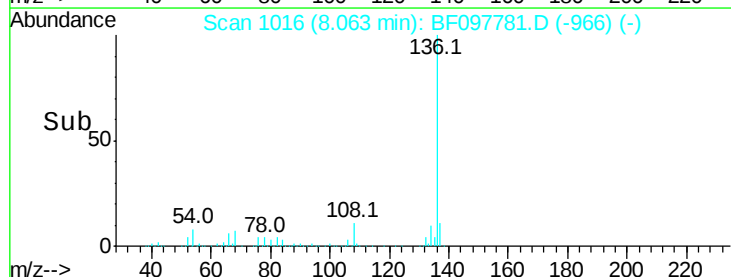
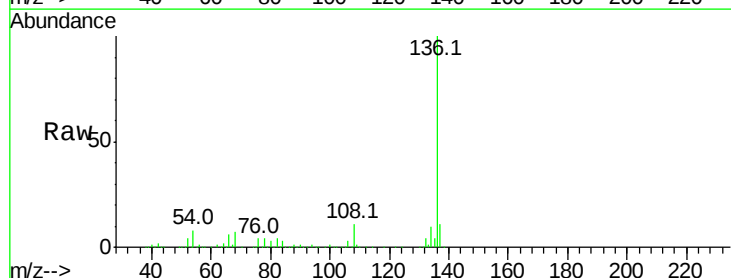
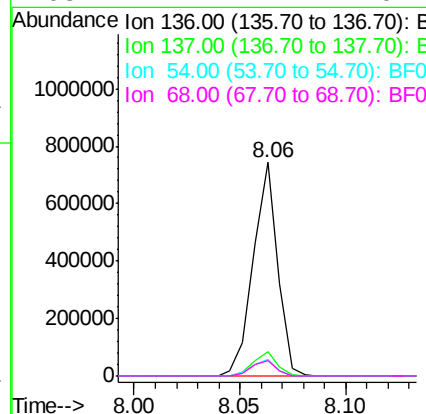
RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF097781.D

Acq: 17 Aug 2017 11:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		598027		
137	11.2	8.5	12.7		
54	7.6	4.9	7.3#		
68	7.4	4.1	6.1#		





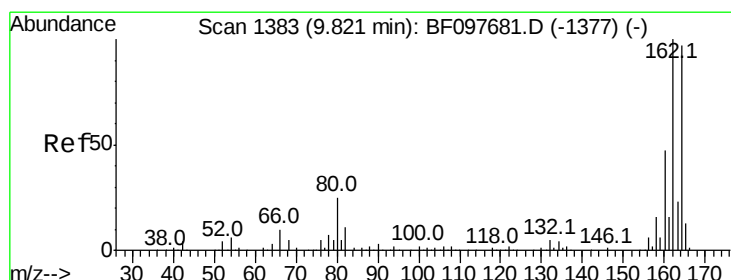
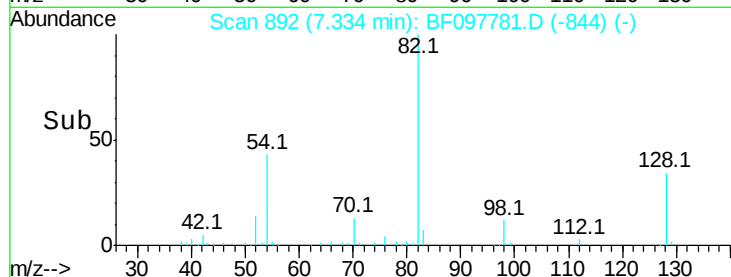
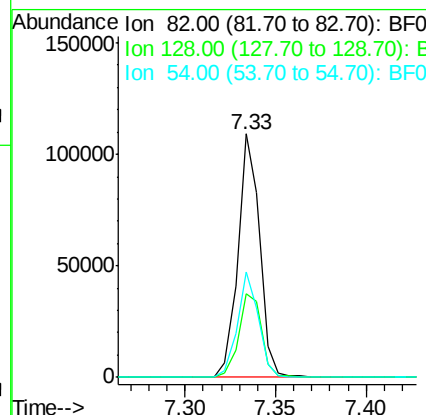
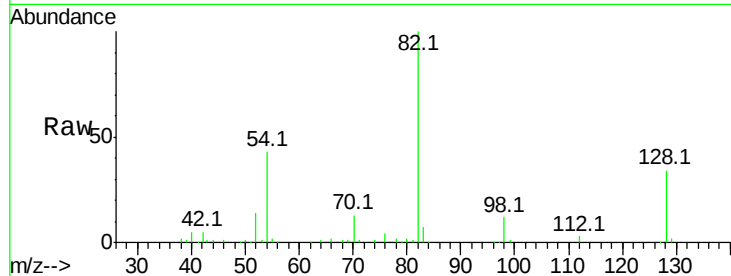
#23
Nitrobenzene-d5
Concen: 8.281 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Instrument :
BNA_F
ClientSampled :
E2-J9-NSW

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	34.0	51.0
54	43.4	42.2	63.2

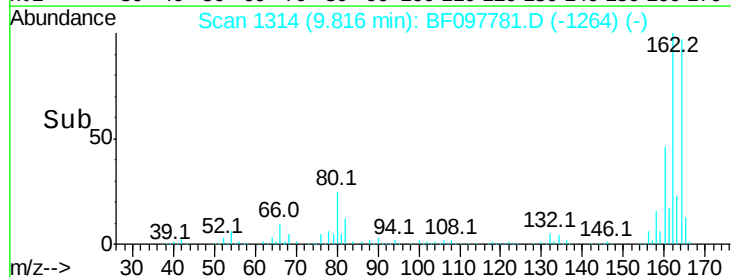
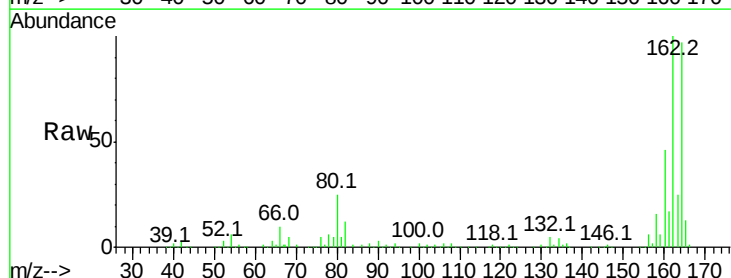
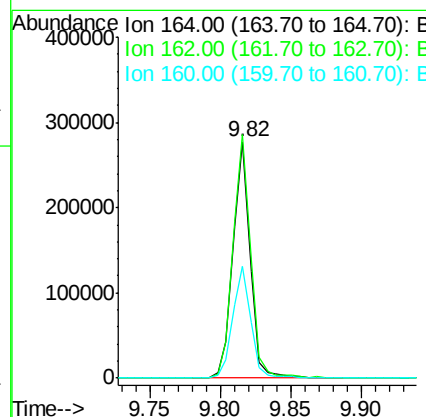
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	47.2	36.2	54.2





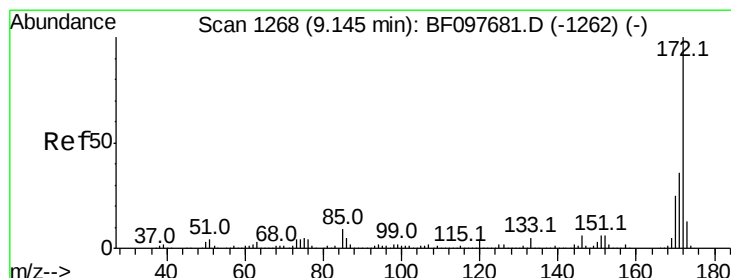
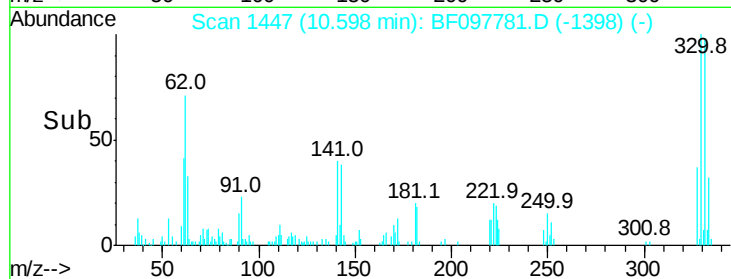
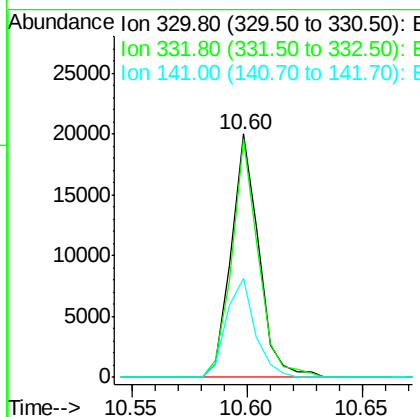
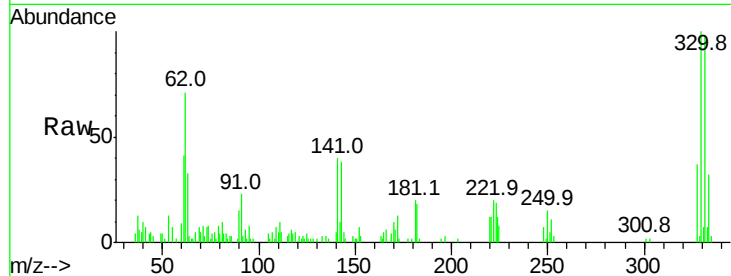
#41
 2,4,6-Tribromophenol
 Concen: 8.144 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BF097781.D
 Acq: 17 Aug 2017 11:29

Instrument :
 BNA_F
 ClientSampled :
 E2-J9-NSW

Tot Ion	Ratio	Resp	Lower	Upper
330	100	16720		
332	94.7	76.6	115.0	
141	41.7	31.4	47.2	

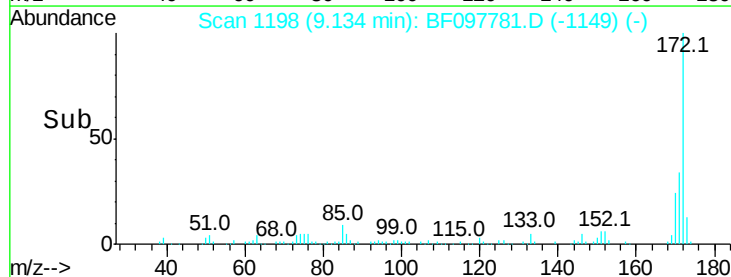
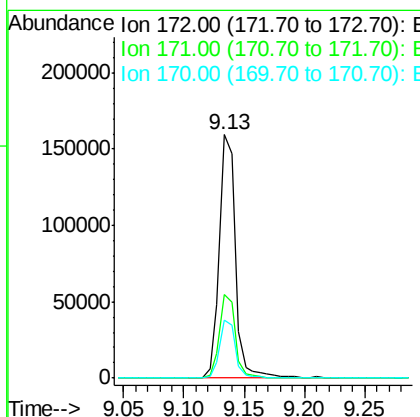
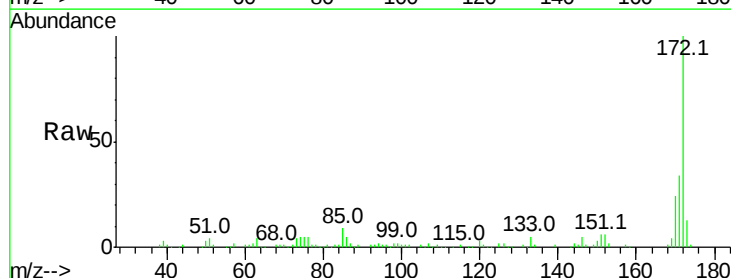
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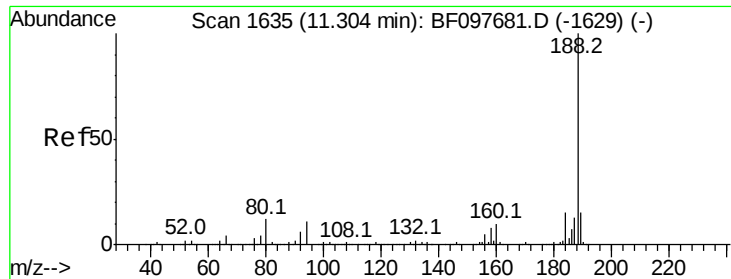
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#44
 2-Fluorobiphenyl
 Concen: 9.122 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF097781.D
 Acq: 17 Aug 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	146909		
171	34.1	29.6	44.4	
170	23.8	19.8	29.8	





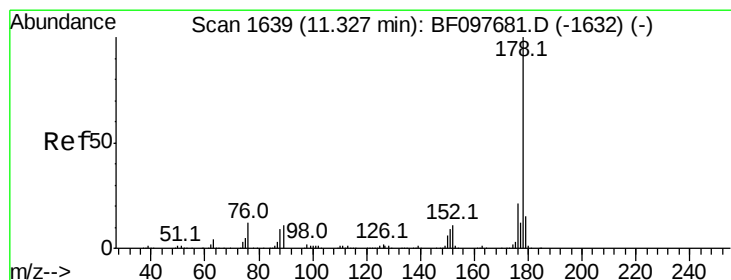
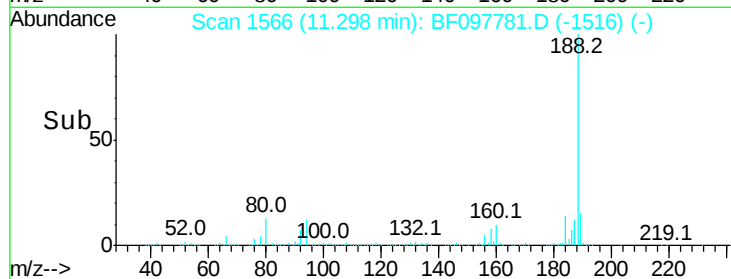
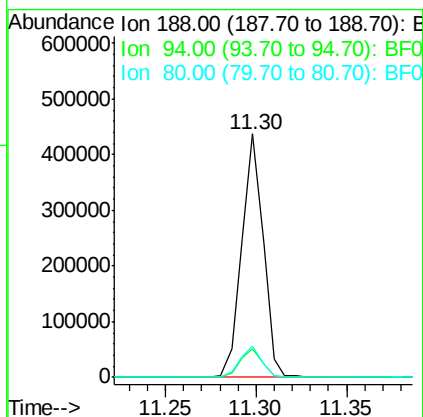
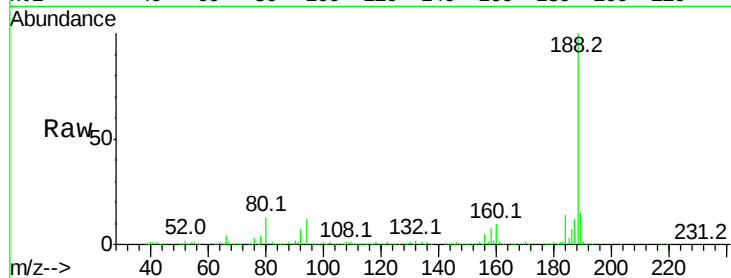
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Instrument :
BNA_F
ClientSampleId :
E2-J9-NSW

Tot Ion	Ratio	Resp	Lower	Upper
188	100	360782		
94	11.7		9.4	14.2
80	12.8		10.2	15.2

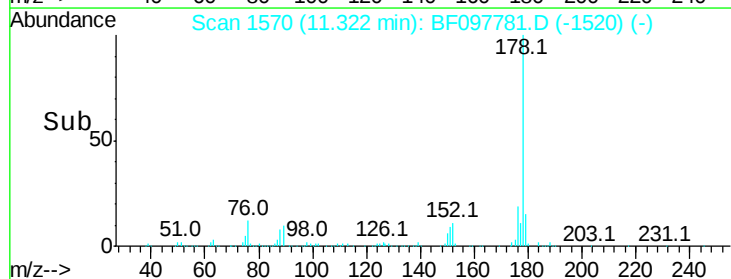
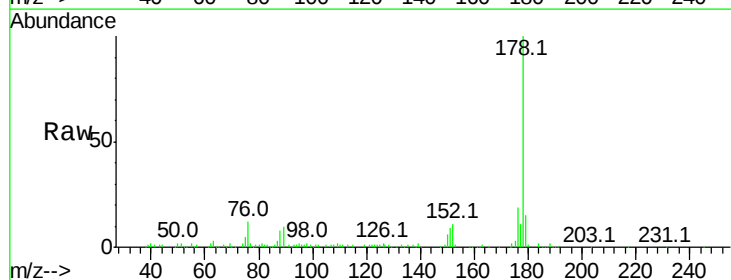
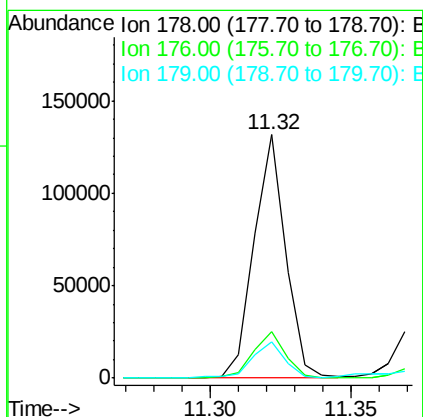
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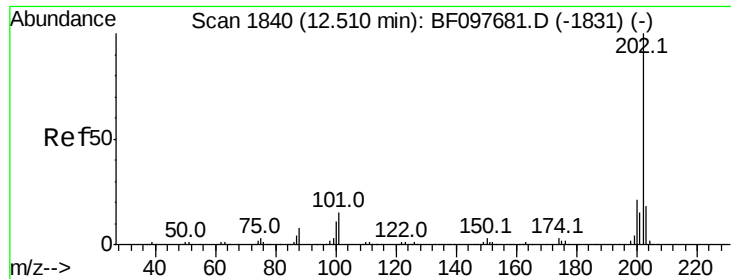
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#70
Phenanthrene
Concen: 5.336 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	102581		
176	19.4		16.2	24.4
179	14.6		12.6	19.0





#74

Fluoranthene

Concen: 6.603 ng

RT: 12.50 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF097781.D

Acq: 17 Aug 2017 11:29

Instrument :

BNA_F

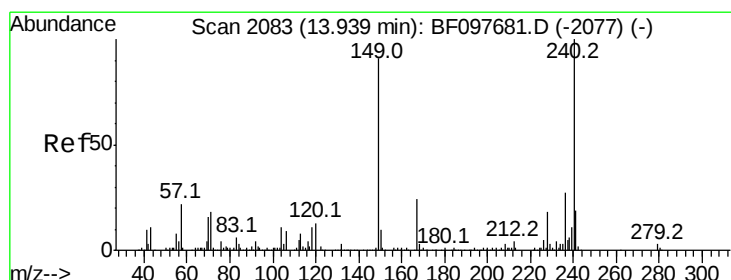
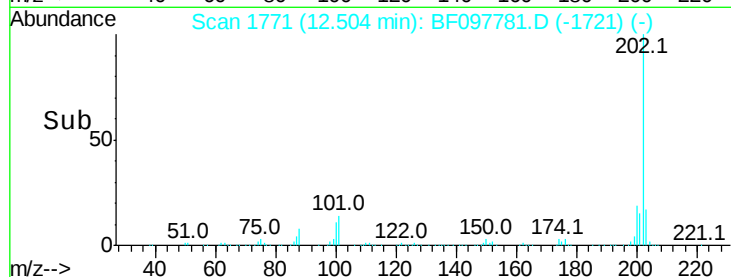
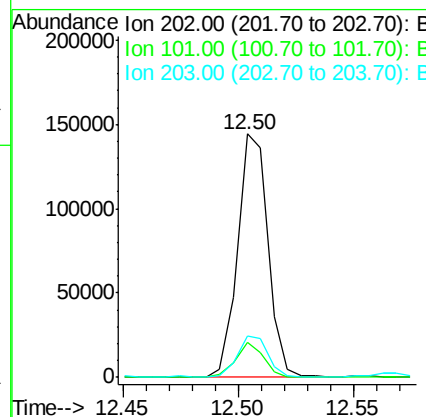
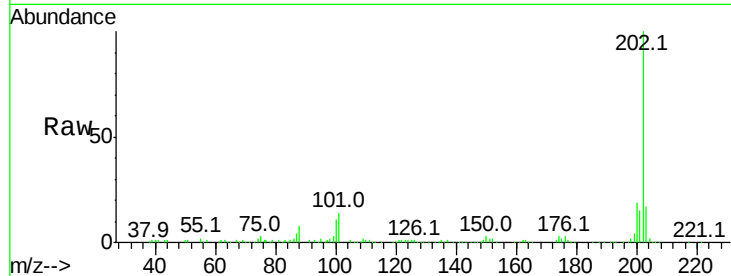
ClientSampled :

E2-J9-NSW

Tot Ion:	202	Resp:	132489
Ion Ratio	Lower	Upper	
202	100		
101	14.1	0.0	33.2
203	17.2	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

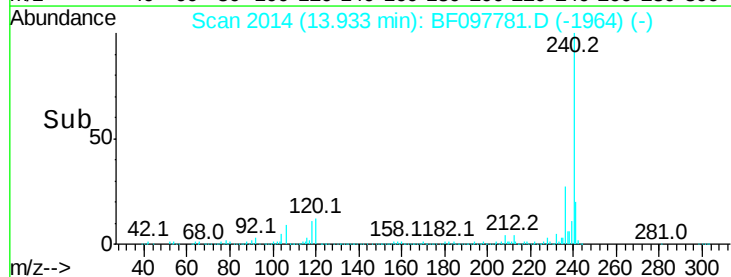
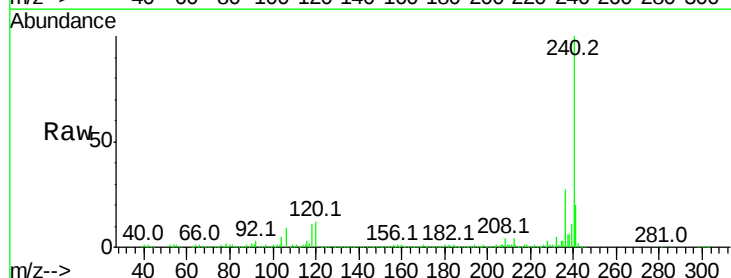
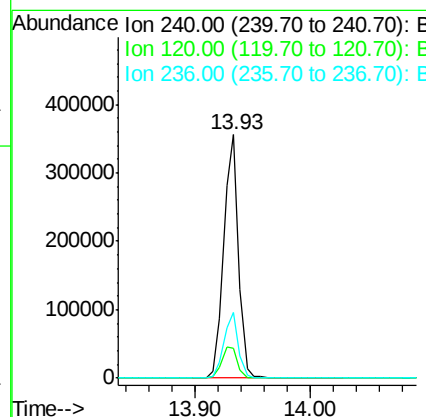
RT: 13.93 min Scan# 2014

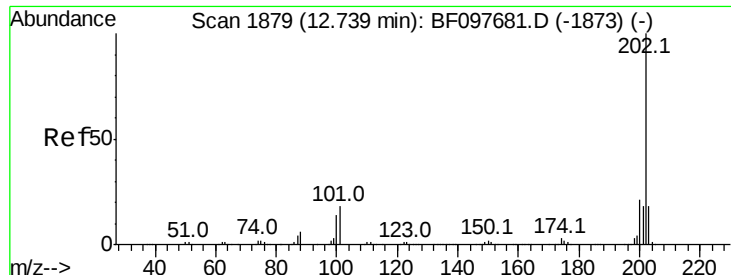
Delta R.T. -0.01 min

Lab File: BF097781.D

Acq: 17 Aug 2017 11:29

Tgt Ion:	240	Resp:	313429
Ion Ratio	Lower	Upper	
240	100		
120	12.2	5.8	8.8#
236	27.0	20.5	30.7





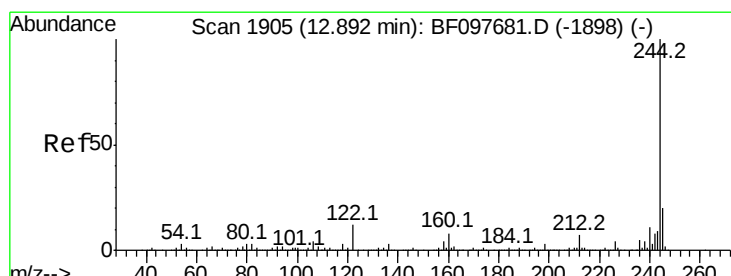
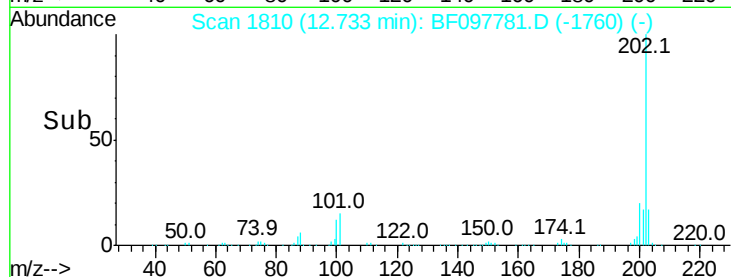
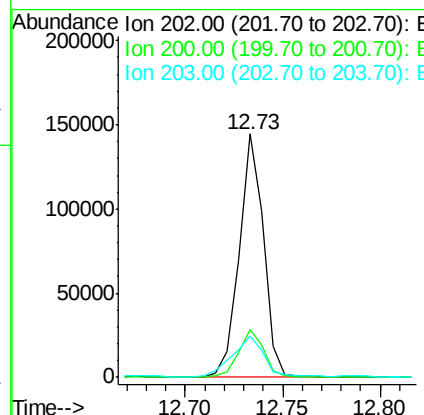
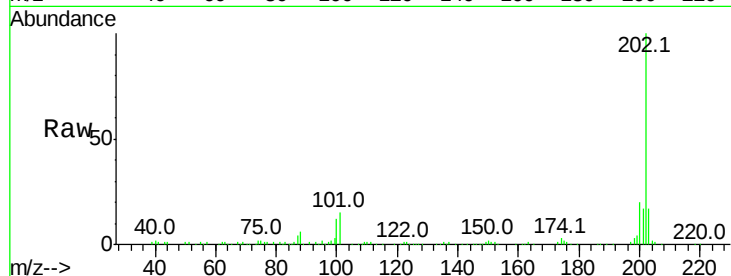
#77
Pvrene
Concen: 4.896 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Instrument :
BNA_F
ClientSampleId :
E2-J9-NSW

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	19.6	17.6	26.4
203	17.1	14.4	21.6

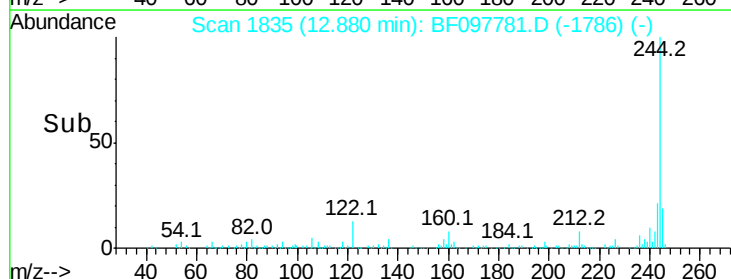
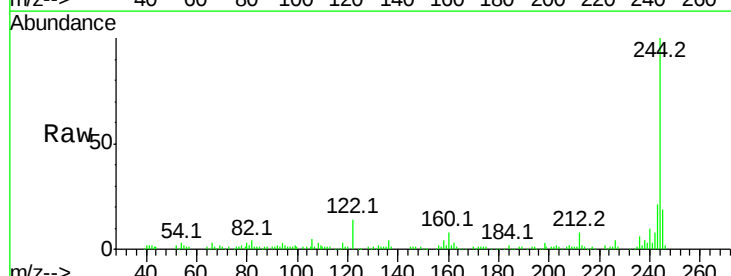
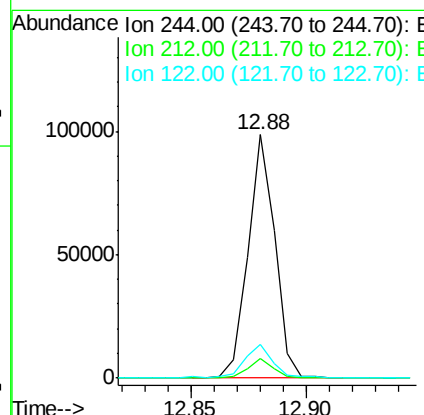
Manual Integrations
APPROVED

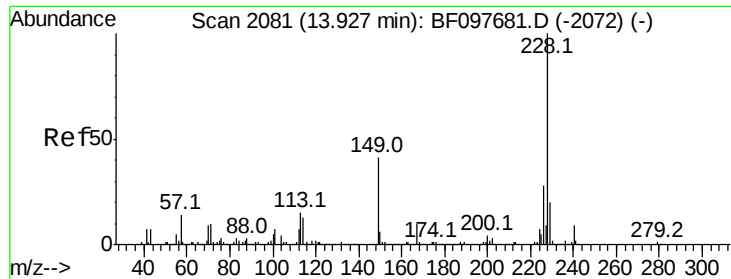
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#78
Terphenyl-d14
Concen: 5.325 ng
RT: 12.88 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.8	6.0	9.0
122	13.7	10.3	15.5





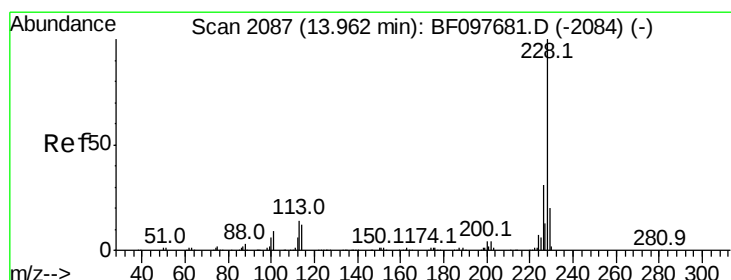
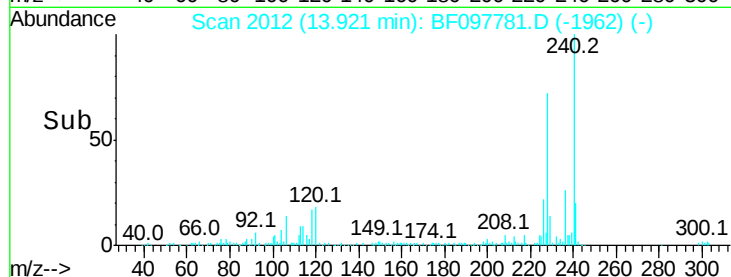
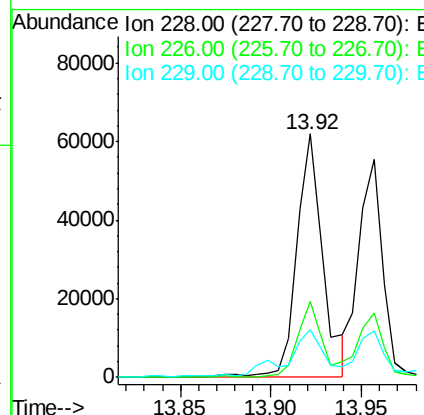
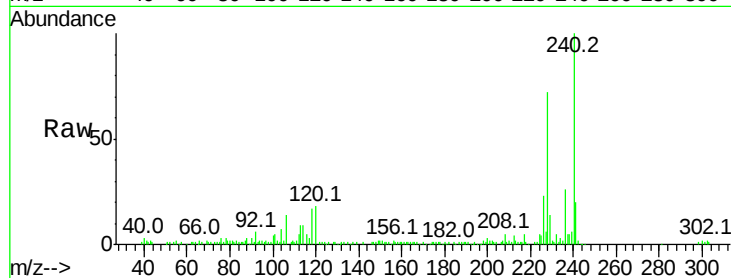
#80
Benzo(a)anthracene
Concen: 3.332 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Instrument :
BNA_F
ClientSampleId :
E2-J9-NSW

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	22.6	33.8
229	19.8	16.3	24.5

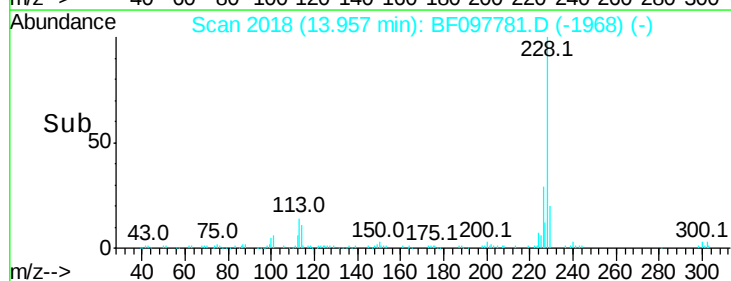
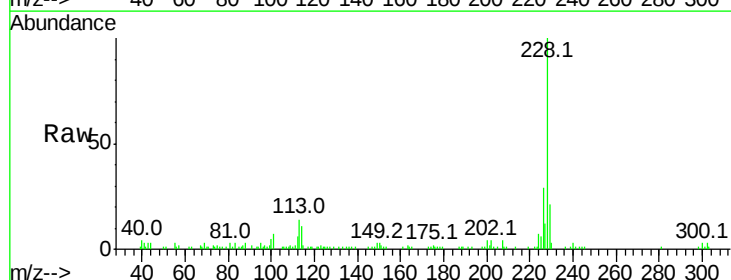
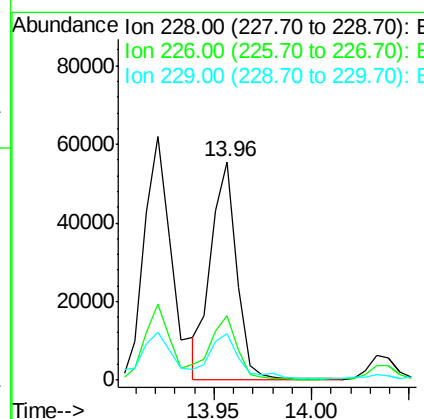
Manual Integrations
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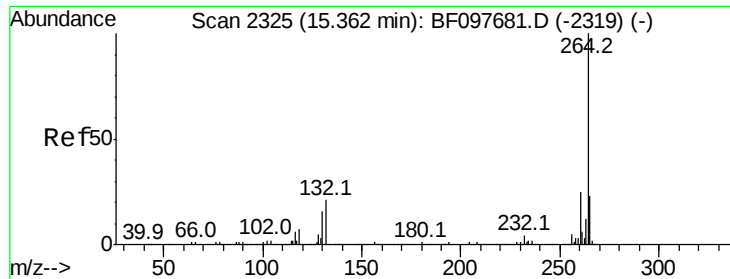
Sohil
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#82
Chrysene
Concen: 2.769 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.9	37.3
229	21.1	15.8	23.6





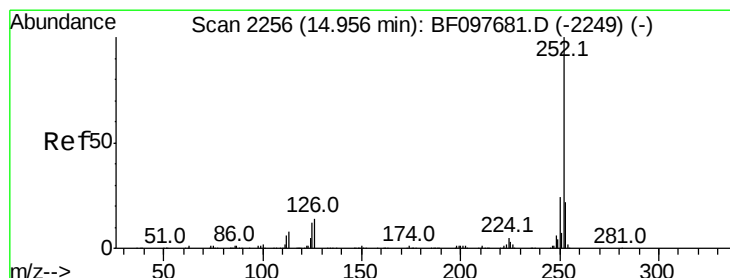
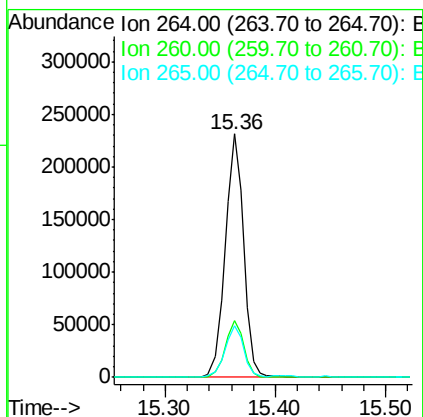
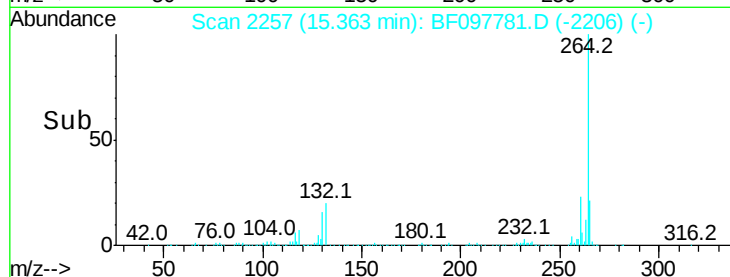
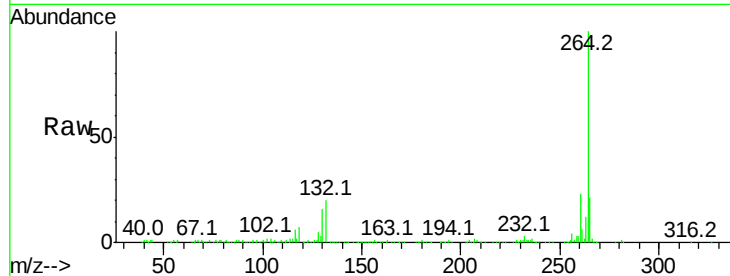
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Instrument :
BNA_F
ClientSampleId :
E2-J9-NSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.4	17.2	25.8

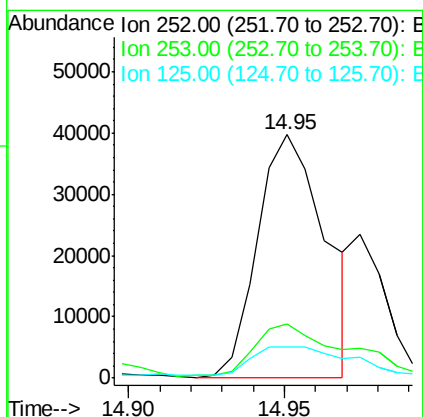
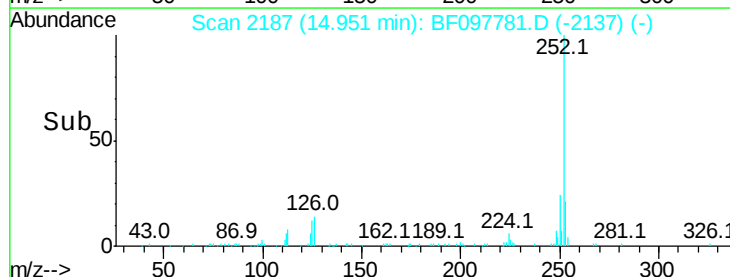
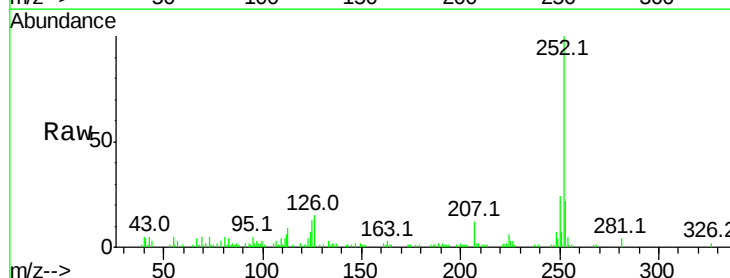
Manual Integrations
APPROVED

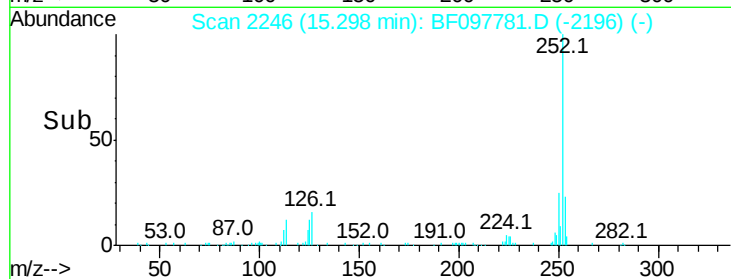
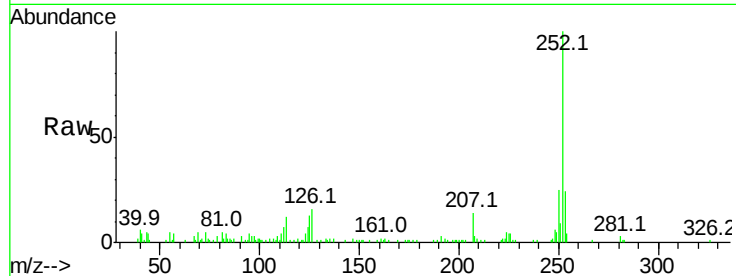
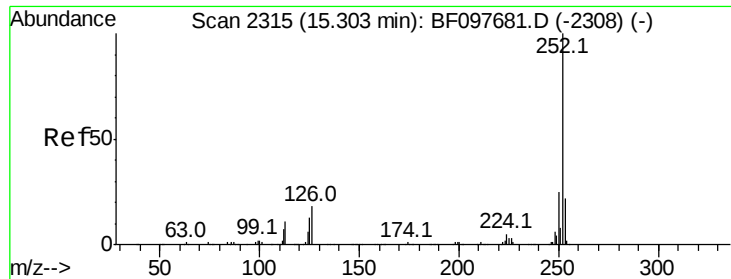
Sohil
8/17/2017 5:58:25 PM



#87
Benzo(b)fluoranthene
Concen: 3.524 ng m
RT: 14.95 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BF097781.D
Acq: 17 Aug 2017 11:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	12.6	9.8	14.8





#89

Benzo(a)pyrene

Concen: 2.798 ng

RT: 15.30 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BF097781.D

Acq: 17 Aug 2017 11:29

Instrument :

BNA_F

ClientSampleId :

E2-J9-NSW

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.1	17.5	26.3
125	12.9	11.0	16.4

Manual Integrations
APPROVED

Sohil
8/17/2017 5:58:25 PM

