

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021017\
 Data File : BE092724.D
 Acq On : 10 Feb 2017 16:44
 Operator : SJ/MA
 Sample : I1744-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-170206

Manual Integrations
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Quant Time: Feb 10 17:25:34 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE011617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 10:14:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	9466	5.00	ng	-0.02
7) Naphthalene-d8	10.89	136	39595	5.00	ng	-0.02
12) Acenaphthene-d10	14.78	164	24604	5.00	ng	0.00
18) Phenanthrene-d10	17.53	188	48793	5.00	ng	0.00
24) Chrysene-d12	21.70	240	66602	5.00	ng	-0.02
31) Perylene-d12	24.04	264	59710	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.63	112	7943	3.76	ng	-0.02
5) Phenol-d6	7.29	99	5217	2.01	ng	-0.04
8) Nitrobenzene-d5	9.29	82	13681	5.32	ng	-0.04
13) 2,4,6-Tribromophenol	16.27	330	6868	9.43	ng	-0.02
14) 2-Fluorobiphenyl	13.40	172	34216	5.65	ng	-0.02
26) Terphenyl-d14	20.14	244	44708	4.75	ng	-0.02
Target Compounds						
21) Phenanthrene	17.58	178	463	0.04	ng	Qvalue # 57
23) Fluoranthene	19.58	202	3425	0.07	ng	100
25) Pyrene	19.94	202	3183	0.05	ng	95
27) Benzo(a)anthracene	21.68	228	2255m	0.03	ng	
28) Chrysene	21.72	228	3691m	0.05	ng	
29) Bis(2-ethylhexyl)phthalate	21.59	149	792	0.26	ng	# 72

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

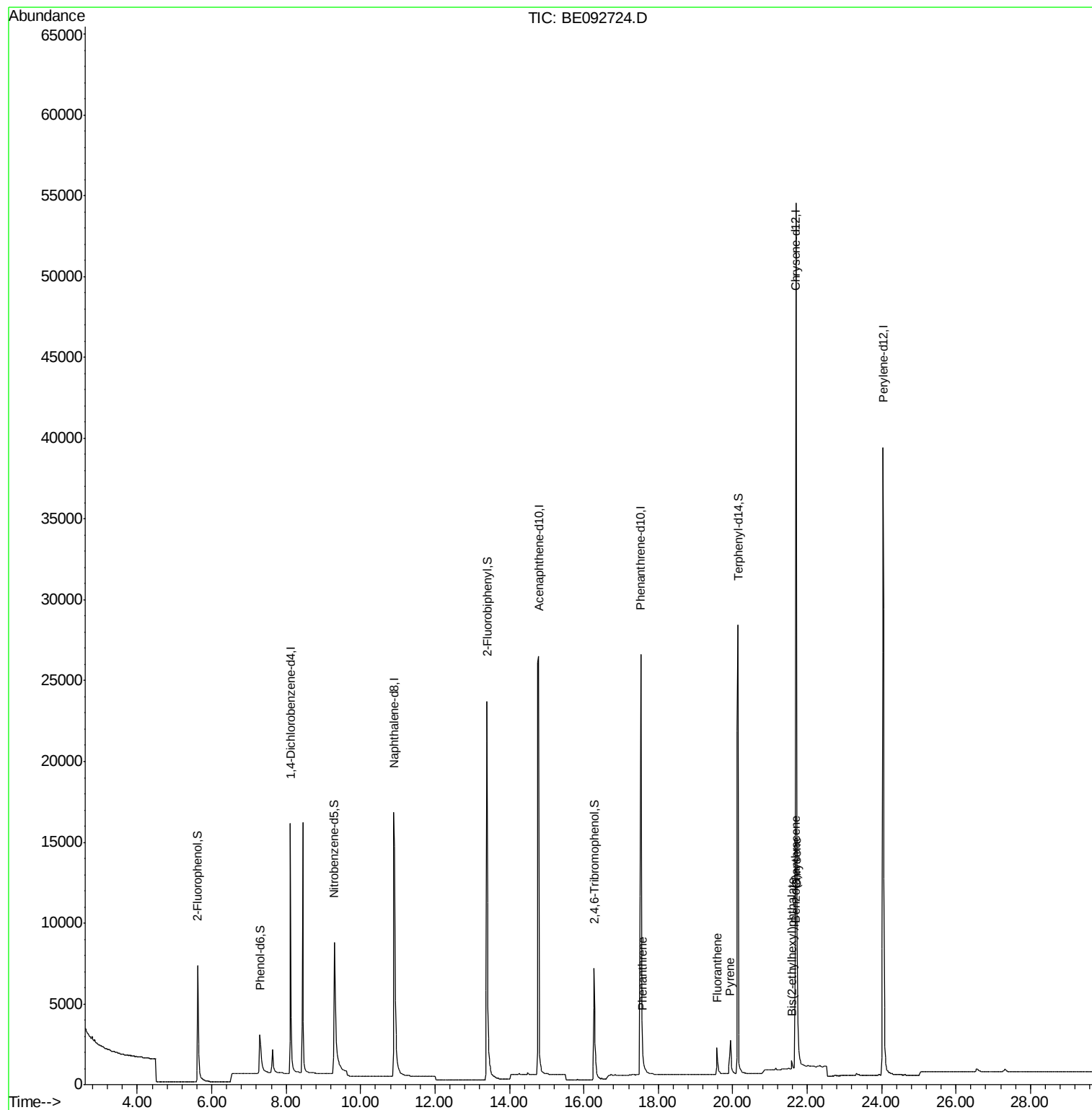
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE021017\
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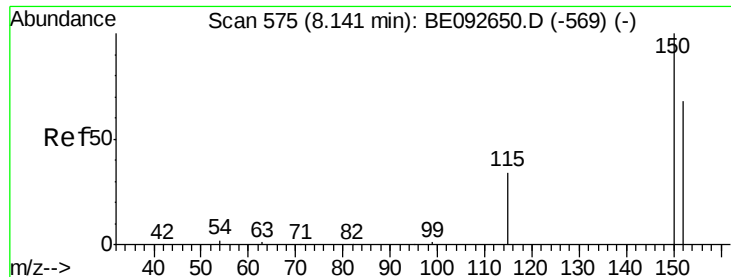
Instrument :
BNA_E
ClientSampleId :
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QLast Update : Tue Jan 17 10:14:01 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.12 min Scan# 574

Delta R.T. -0.02 min

Lab File: BE092724.D

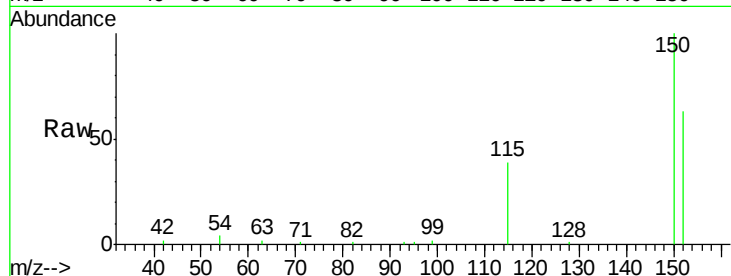
Acq: 10 Feb 2017 16:44

Instrument :

BNA_E

ClientSampleId :

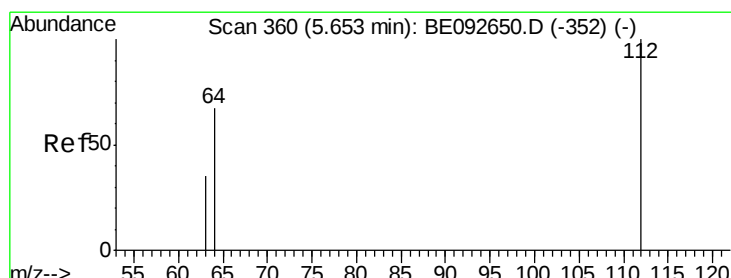
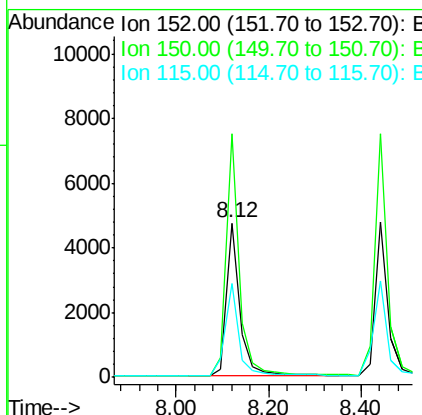
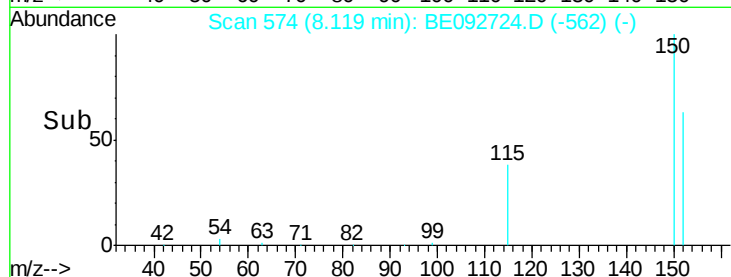
KY038PS034-170206



Tgt Ion:	152	Resp:	9466
Ion Ratio	Lower	Upper	
152	100		
150	157.7	106.0	159.0
115	61.2	31.2	46.8#

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#4

2-Fluorophenol

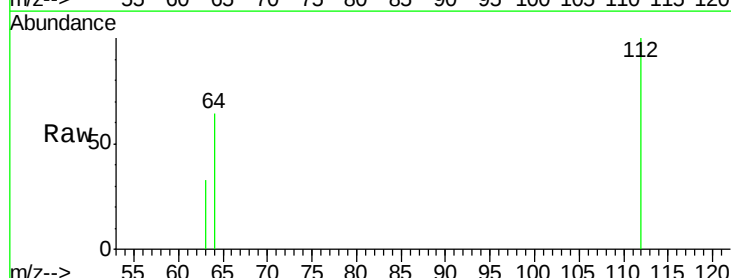
Concen: 3.76 ng

RT: 5.63 min Scan# 356

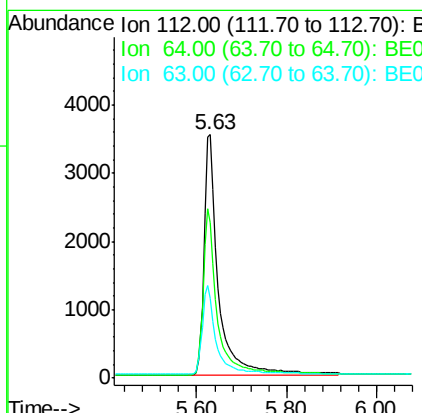
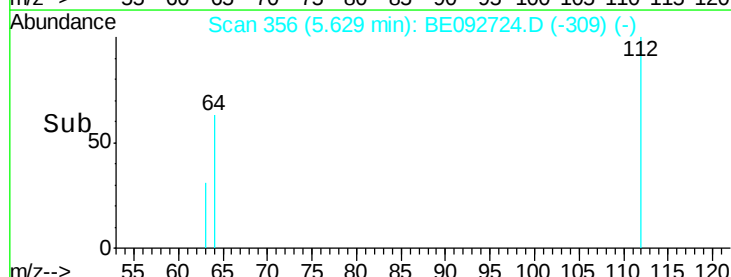
Delta R.T. -0.02 min

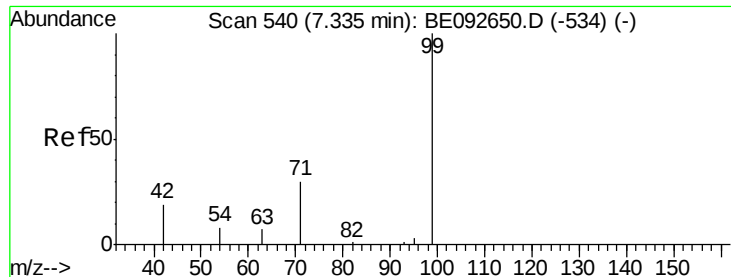
Lab File: BE092724.D

Acq: 10 Feb 2017 16:44



Tgt Ion:	112	Resp:	7943
Ion Ratio	Lower	Upper	
112	100		
64	67.6	53.5	80.3
63	36.1	27.9	41.9





#5

Phenol-d6

Concen: 2.01 ng

RT: 7.29 min Scan# 538

Delta R.T. -0.04 min

Lab File: BE092724.D

Acq: 10 Feb 2017 16:44

Instrument :

BNA_E

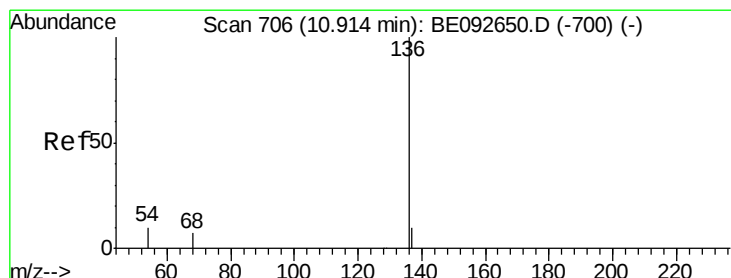
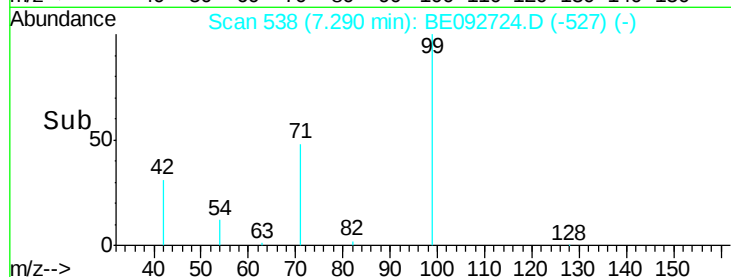
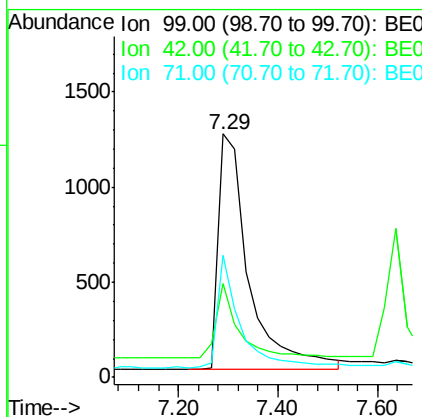
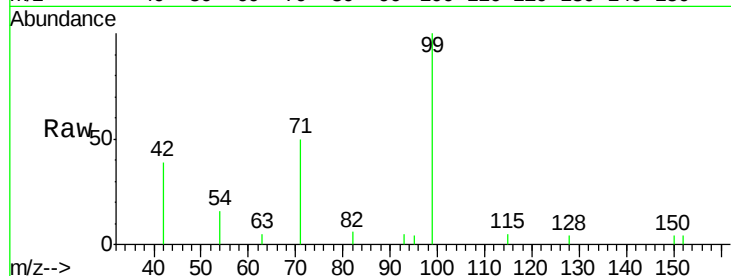
ClientSampleId :

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Tgt Ion:	99	Resp:	5217
Ion Ratio	Lower	Upper	
99	100		
42	24.4	16.0	24.0#
71	35.0	30.6	45.8

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#7

Naphthalene-d8

Concen: 5.00 ng

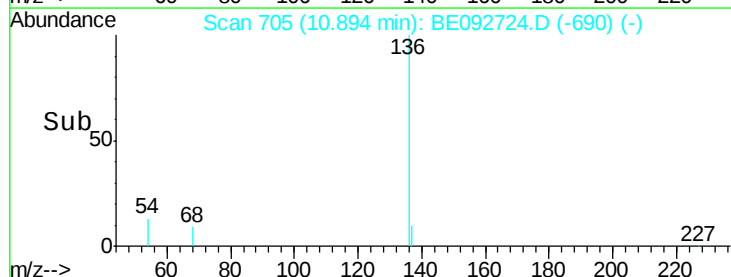
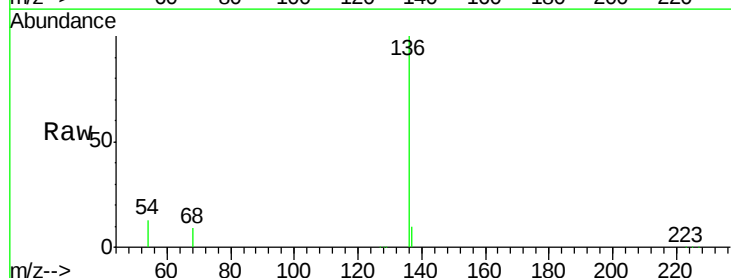
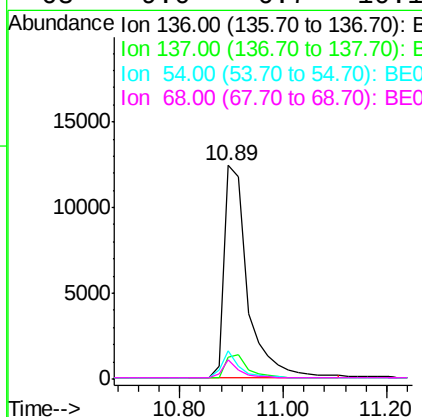
RT: 10.89 min Scan# 705

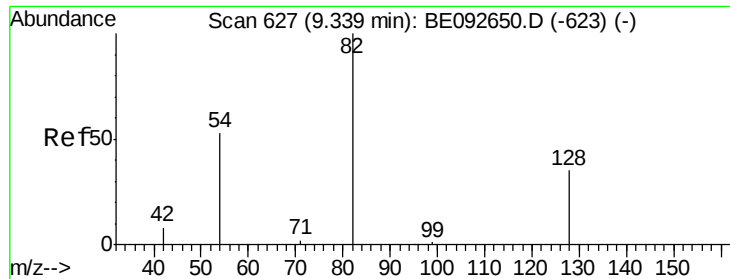
Delta R.T. -0.02 min

Lab File: BE092724.D

Acq: 10 Feb 2017 16:44

Tgt Ion:	136	Resp:	39595
Ion Ratio	Lower	Upper	
136	100		
137	10.3	8.2	12.4
54	13.4	9.6	14.4
68	9.0	6.7	10.1





#8

Nitrobenzene-d5

Concen: 5.32 ng

RT: 9.29 min Scan# 625

Delta R.T. -0.04 min

Lab File: BE092724.D

Acq: 10 Feb 2017 16:44

Instrument :

BNA_E

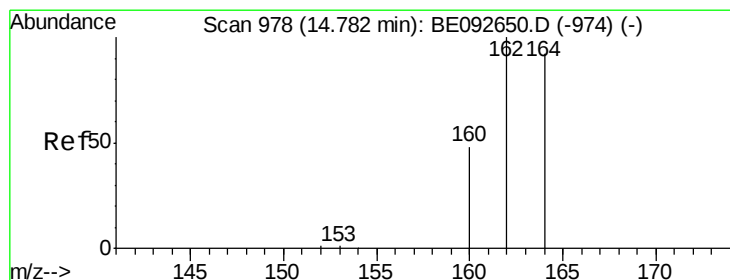
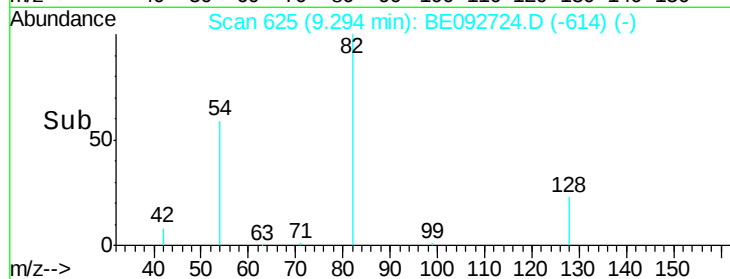
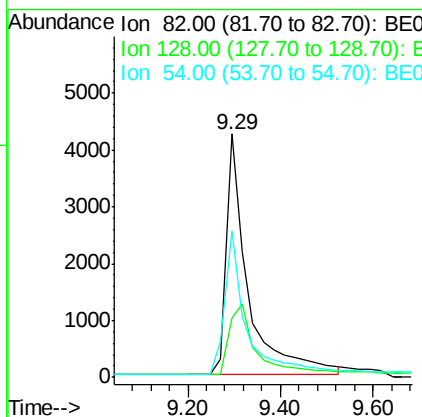
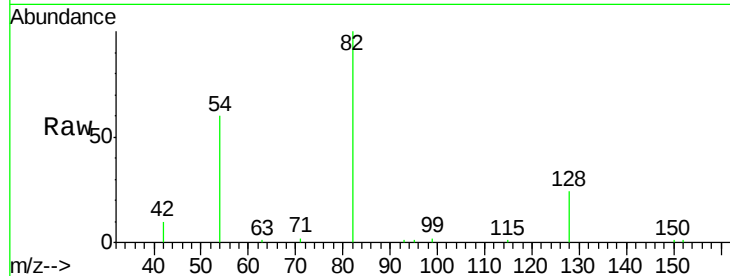
ClientSampleId :

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Tgt Ion:	82	Resp:	13681
Ion Ratio	Lower	Upper	
82	100		
128	24.1	39.0	58.4#
54	60.0	44.8	67.2

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#12

Acenaphthene-d10

Concen: 5.00 ng

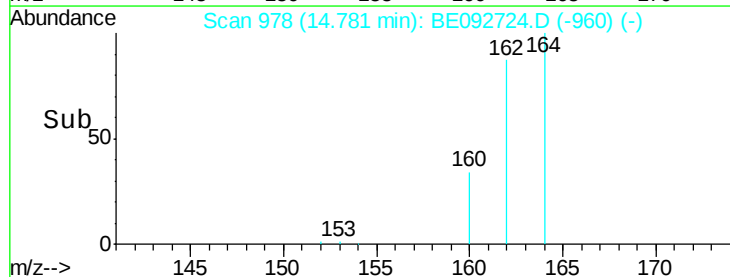
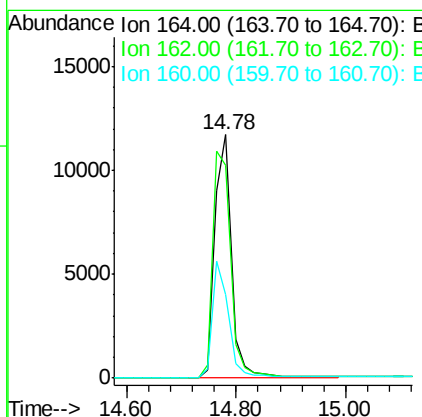
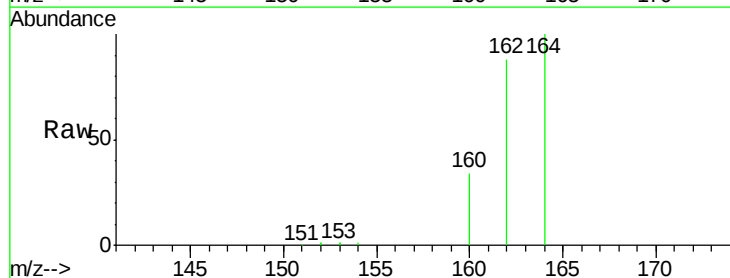
RT: 14.78 min Scan# 978

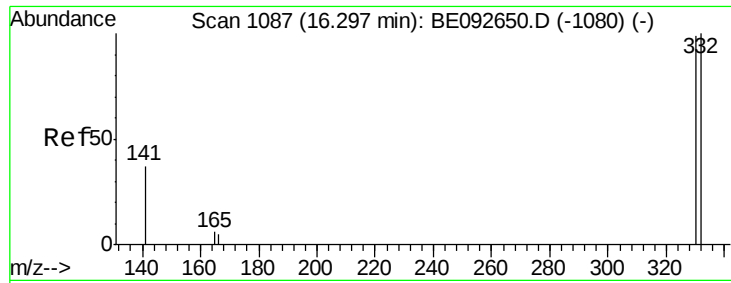
Delta R.T. -0.00 min

Lab File: BE092724.D

Acq: 10 Feb 2017 16:44

Tgt Ion:	164	Resp:	24604
Ion Ratio	Lower	Upper	
164	100		
162	87.5	71.4	107.0
160	34.5	27.4	41.2





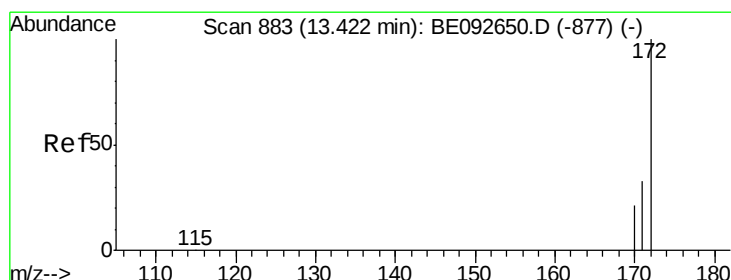
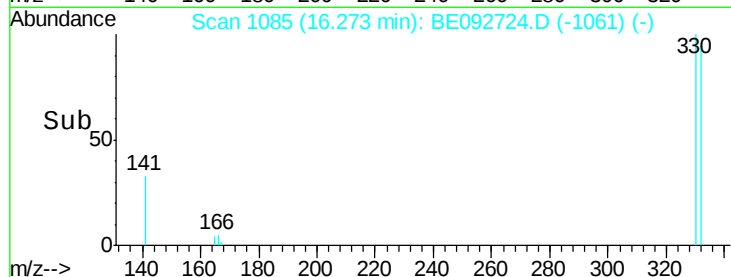
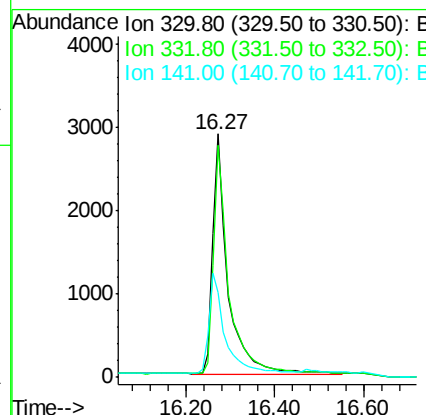
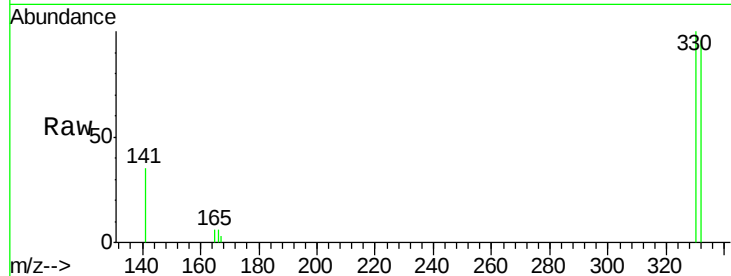
#13
 2,4,6-Tribromophenol
 Concen: 9.43 ng
 RT: 16.27 min Scan# 1085
 Delta R.T. -0.02 min
 Lab File: BE092724.D
 Acq: 10 Feb 2017 16:44

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	6868		
332	96.7		75.4	113.0
141	43.0		31.0	46.6

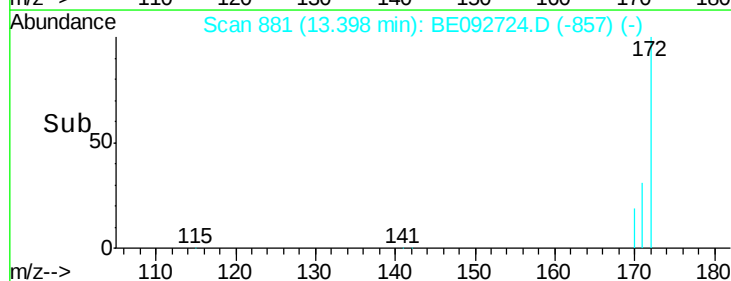
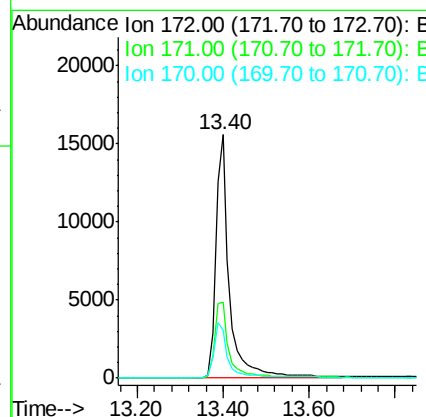
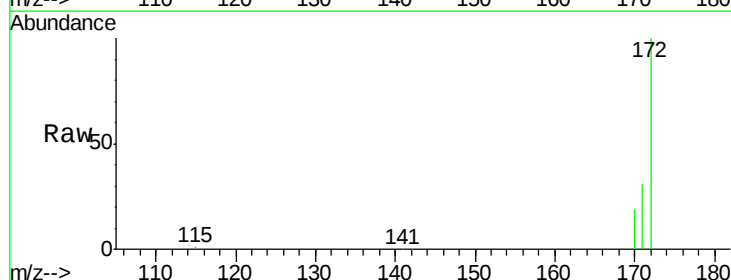
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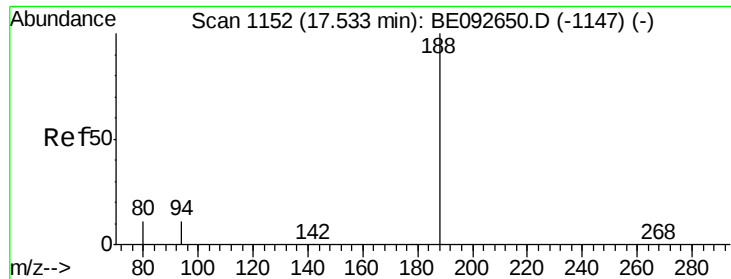
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#14
 2-Fluorobiphenyl
 Concen: 5.65 ng
 RT: 13.40 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BE092724.D
 Acq: 10 Feb 2017 16:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	34216		
171	31.4		30.1	45.1
170	19.4		21.8	32.6#





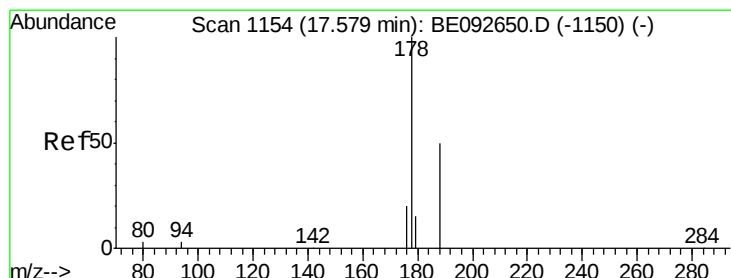
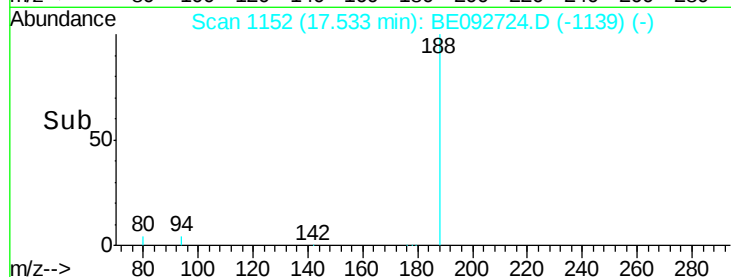
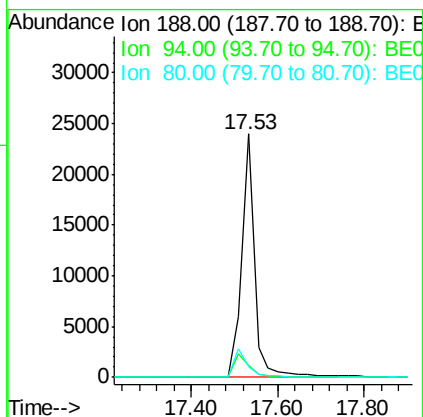
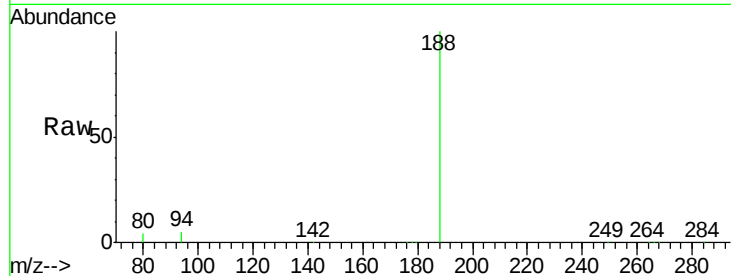
#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.53 min Scan# 1152
Delta R.T. -0.00 min
Lab File: BE092724.D
Acq: 10 Feb 2017 16:44

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	4.7	3.2	4.8
80	4.2	2.6	3.8

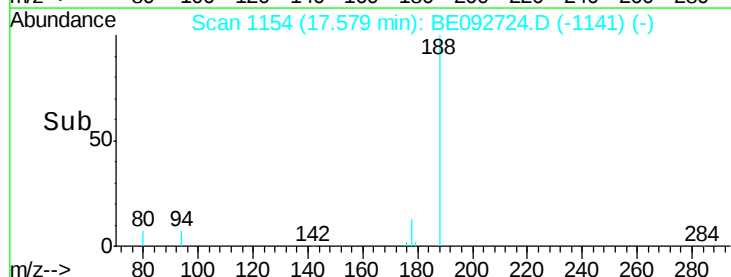
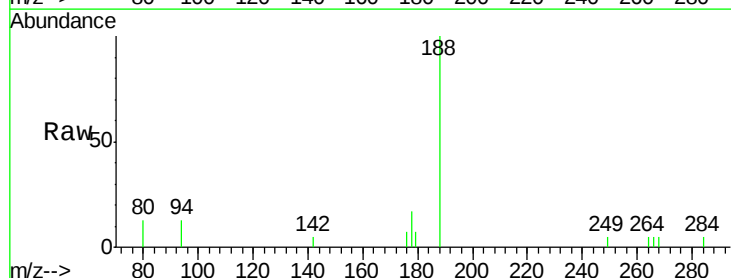
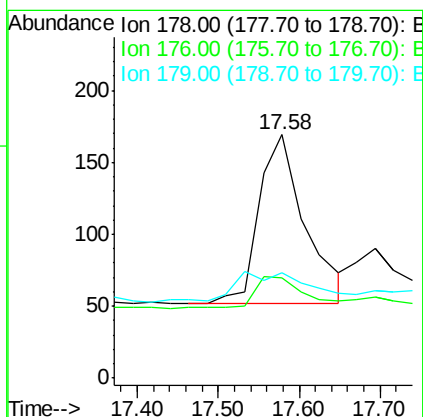
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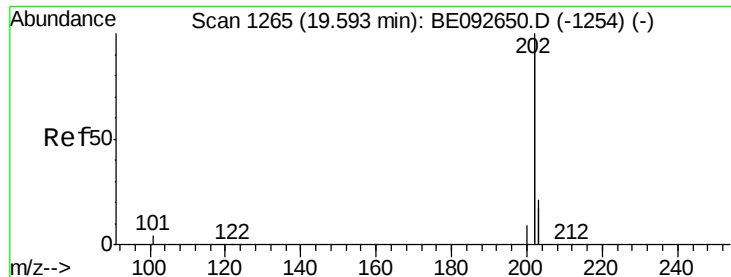
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#21
Phenanthrene
Concen: 0.04 ng
RT: 17.58 min Scan# 1154
Delta R.T. -0.00 min
Lab File: BE092724.D
Acq: 10 Feb 2017 16:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	0.0	15.8	23.8
179	0.0	16.0	24.0





#23

Fluoranthene

Concen: 0.07 ng

RT: 19.58 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BE092724.D

Acq: 10 Feb 2017 16:44

Instrument :

BNA_E

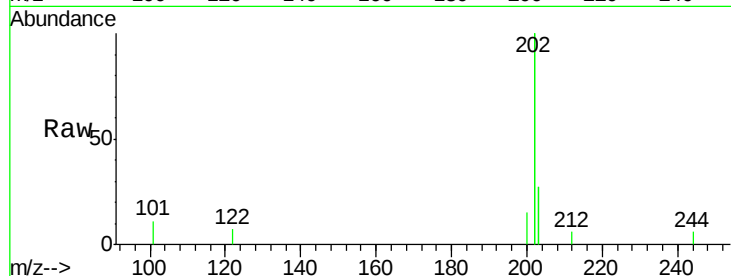
ClientSampleId :

KY038PS034-170206

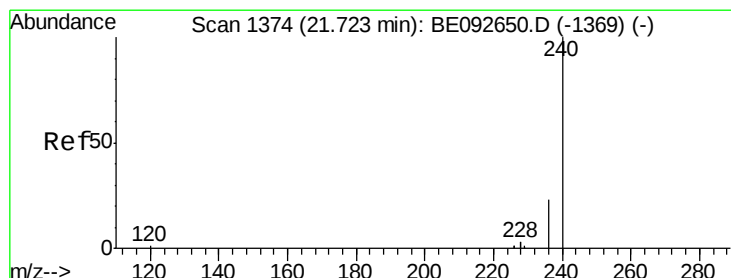
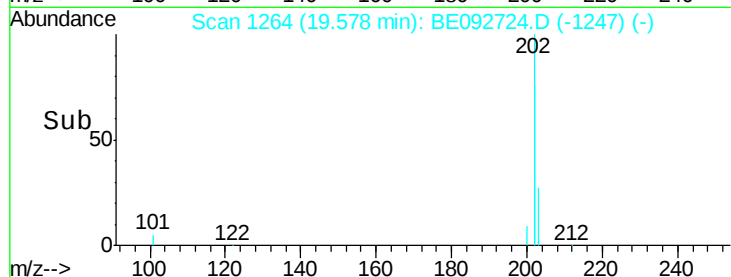
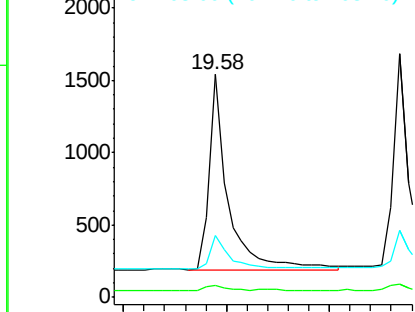
Tgt Ion:	202	Resp:	3425
Ion Ratio	Lower	Upper	
202	100		
101	2.7	2.2	3.4
203	17.3	13.7	20.5

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#24

Chrysene-d12

Concen: 5.00 ng

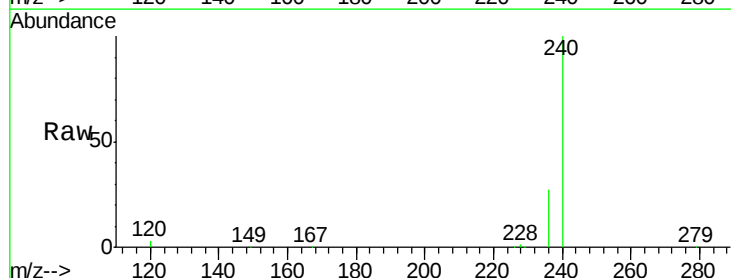
RT: 21.70 min Scan# 1373

Delta R.T. -0.02 min

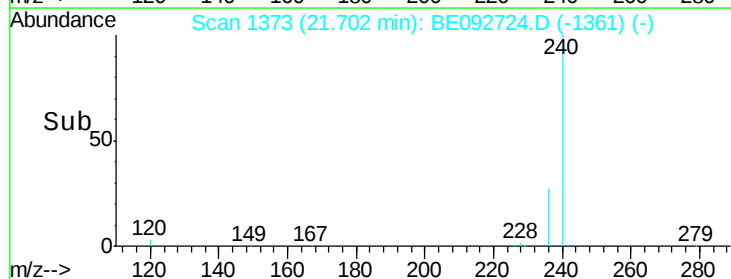
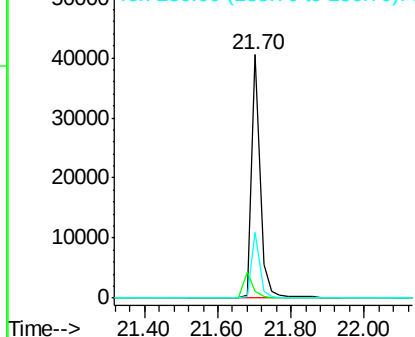
Lab File: BE092724.D

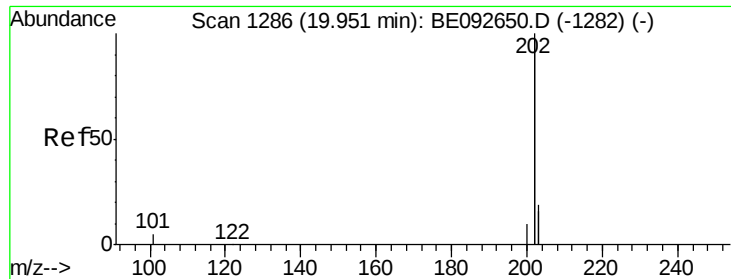
Acq: 10 Feb 2017 16:44

Tgt Ion:	240	Resp:	66602
Ion Ratio	Lower	Upper	
240	100		
120	3.0	2.6	4.0
236	27.0	24.6	37.0



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





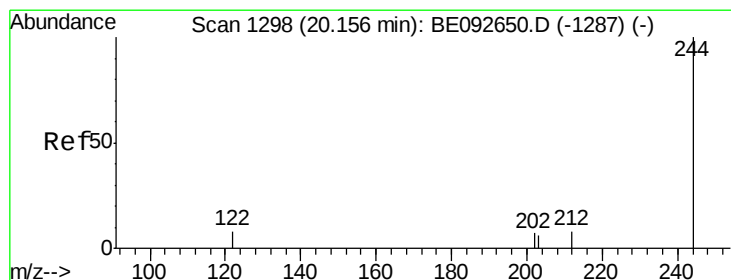
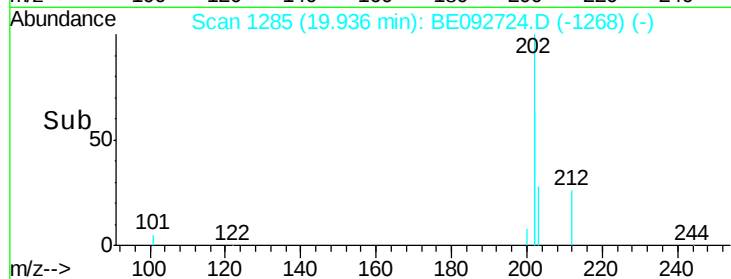
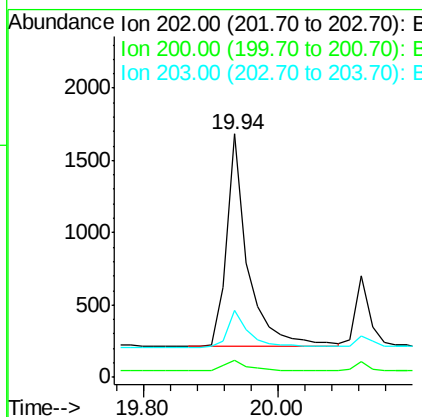
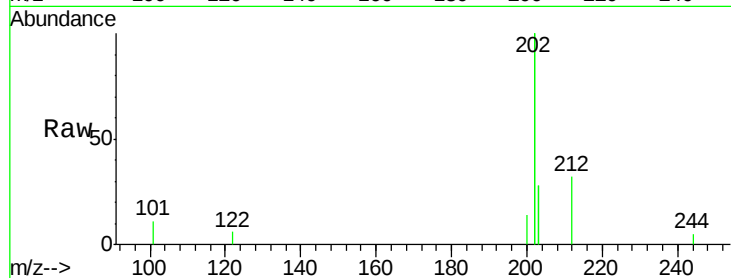
#25
 Pyrene
 Concen: 0.05 ng
 RT: 19.94 min Scan# 1285
 Delta R.T. -0.02 min
 Lab File: BE092724.D
 Acq: 10 Feb 2017 16:44

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-170206

Tgt Ion:	202	Resp:	3183
Ion Ratio	Lower	Upper	
202	100		
200	5.2	4.2	6.4
203	20.3	13.9	20.9

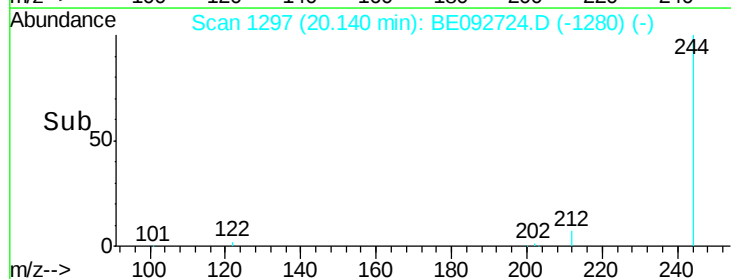
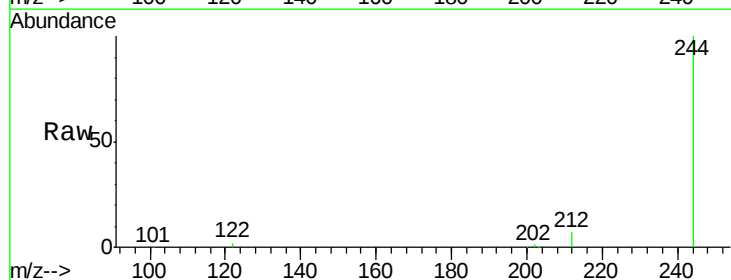
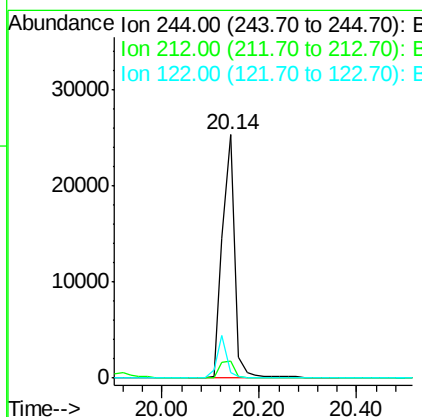
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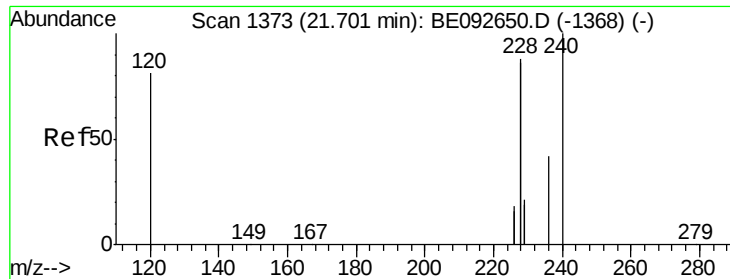
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#26
 Terphenyl-d14
 Concen: 4.75 ng
 RT: 20.14 min Scan# 1297
 Delta R.T. -0.02 min
 Lab File: BE092724.D
 Acq: 10 Feb 2017 16:44

Tgt Ion:	244	Resp:	44708
Ion Ratio	Lower	Upper	
244	100		
212	7.2	6.7	10.1
122	2.2	3.6	5.4#





#27

Benzo(a)anthracene

Concen: 0.03 ng m

RT: 21.68 min Scan# 1372

Delta R.T. -0.02 min

Lab File: BE092724.D

Acq: 10 Feb 2017 16:44

Instrument :
BNA_E

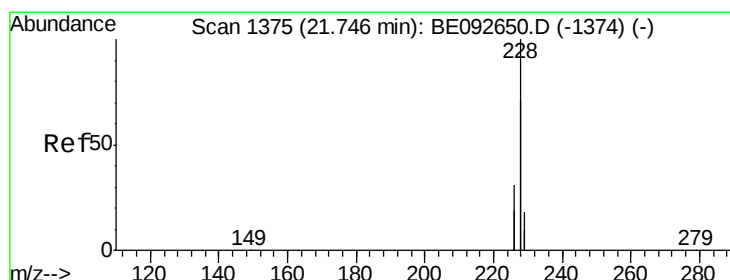
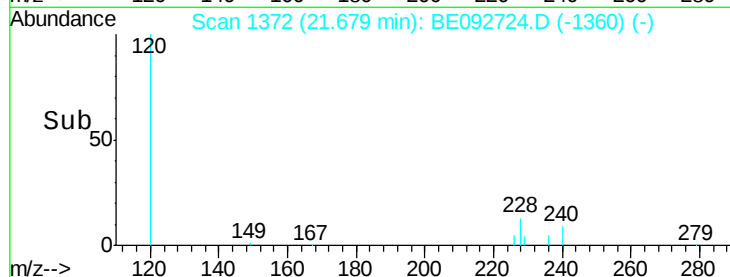
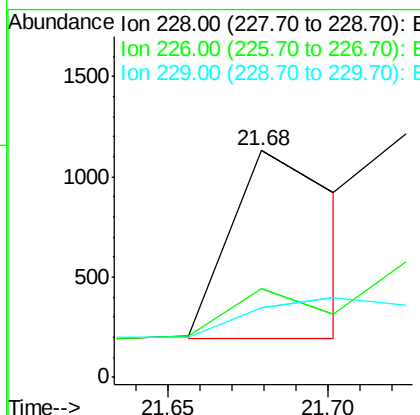
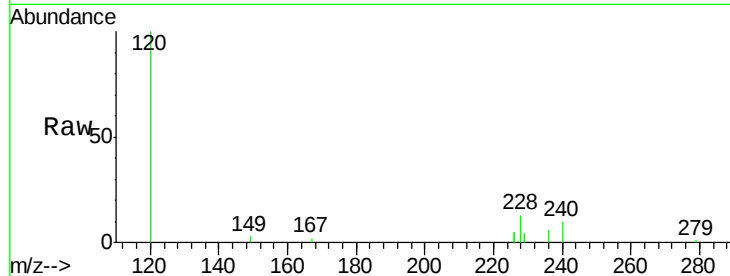
ClientSampleId :
KY038PS034-170206

Tgt Ion: 228 Resp: 2255

Ion	Ratio	Lower	Upper
228	100		
226	39.1	23.6	35.4#
229	31.0	13.3	19.9#

Manual Integrations
APPROVED

mohammad
2/13/2017 12:51:08 PM



#28

Chrysene

Concen: 0.05 ng m

RT: 21.72 min Scan# 1374

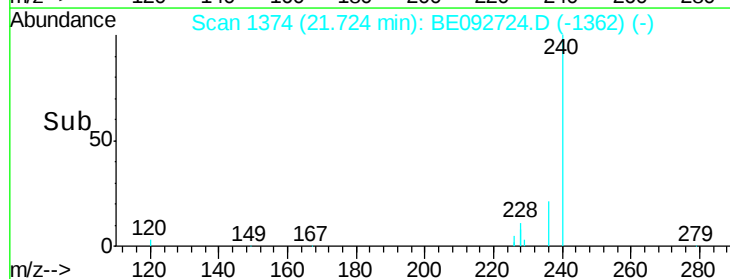
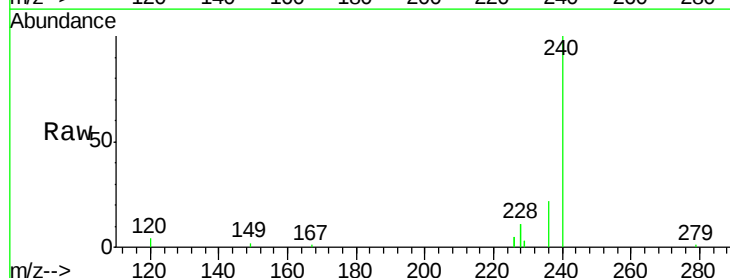
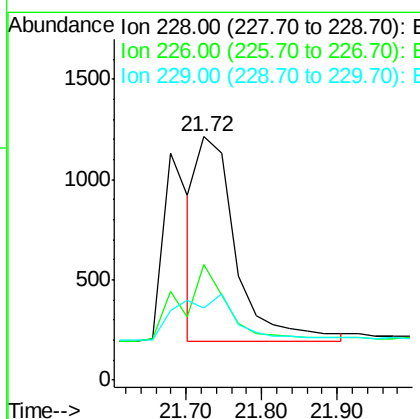
Delta R.T. -0.02 min

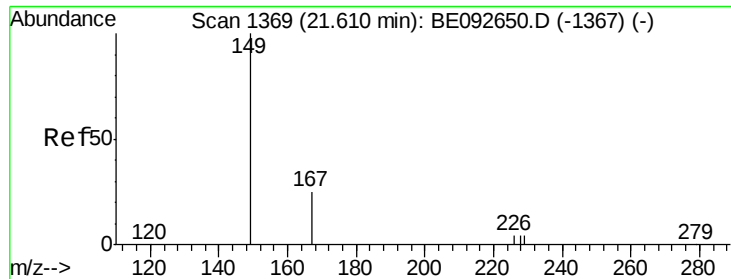
Lab File: BE092724.D

Acq: 10 Feb 2017 16:44

Tgt Ion: 228 Resp: 3691

Ion	Ratio	Lower	Upper
228	100		
226	47.6	36.3	54.5
229	29.5	10.6	16.0#





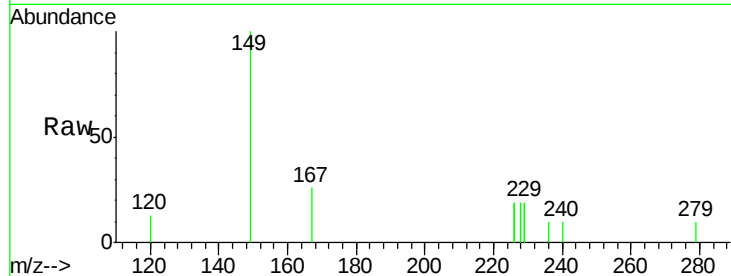
#29
 Bis(2-ethylhexyl)phthalate
 Concen: 0.26 ng
 RT: 21.59 min Scan# 1368
 Delta R.T. -0.02 min
 Lab File: BE092724.D
 Acq: 10 Feb 2017 16:44

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS034-170206

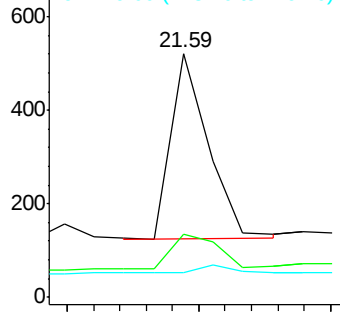
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	16.0	24.0#
279	0.0	16.0	24.0#

Manual Integrations
 APPROVED

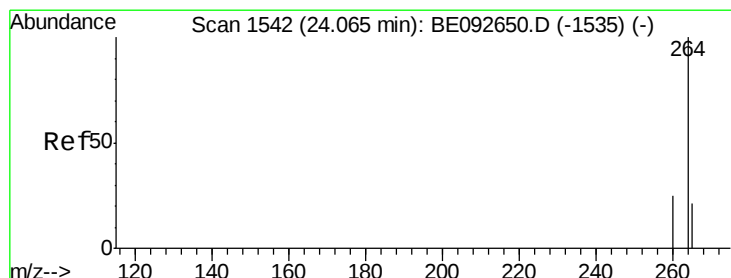
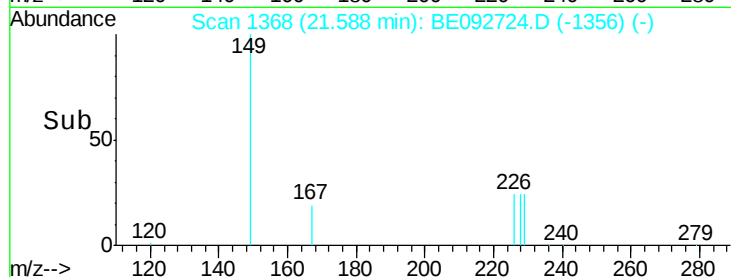
mohammad
 2/13/2017 12:51:08 PM



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



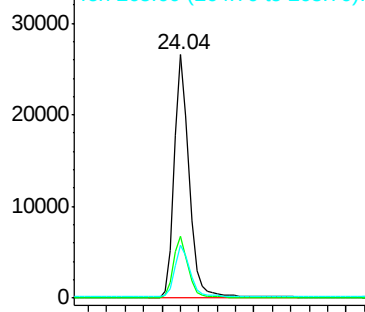
Time-->



#31
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.04 min Scan# 1540
 Delta R.T. -0.02 min
 Lab File: BE092724.D
 Acq: 10 Feb 2017 16:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	20.1	30.1
265	21.6	17.9	26.9

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E



Time-->

