

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050917\
 Data File : BE092964.D
 Acq On : 9 May 2017 14:46
 Operator : SJ/MA
 Sample : I2961-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170502

Manual Integrations
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mohammad
 5/10/2017 11:49:20 AM

Quant Time: May 09 18:43:35 2017
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE050517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 09 15:34:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	817	0.40	ng	0.00
7) Naphthalene-d8	10.52	136	3001	0.40	ng	0.00
13) Acenaphthene-d10	14.39	164	1599	0.40	ng	0.00
19) Phenanthrene-d10	17.13	188	4181	0.40	ng	0.00
26) Chrysene-d12	21.28	240	4660	0.40	ng	0.00
33) Perylene-d12	23.70	264	3861	0.40	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	227	0.12	ng	0.00
5) Phenol-d6	6.95	99	158	0.06	ng	0.00
8) Nitrobenzene-d5	8.90	82	621	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.13	152	1047	0.24	ng	0.00
14) 2,4,6-Tribromophenol	15.87	330	110	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.01	172	1794	0.24	ng	0.00
24) Fluoranthene-d10	19.15	212	3138	0.32	ng	0.00
28) Terphenyl-d14	19.73	244	2721	0.33	ng	0.00
Target Compounds						Qvalue
31) Bis(2-ethylhexyl)phthalate	21.20	149	1431	0.48	ng	# 97
32) Indeno(1,2,3-cd)pyrene	26.24	276	1517	0.03	ng	96
38) Benzo(g,h,i)perylene	27.00	276	1390	0.03	ng	# 79

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

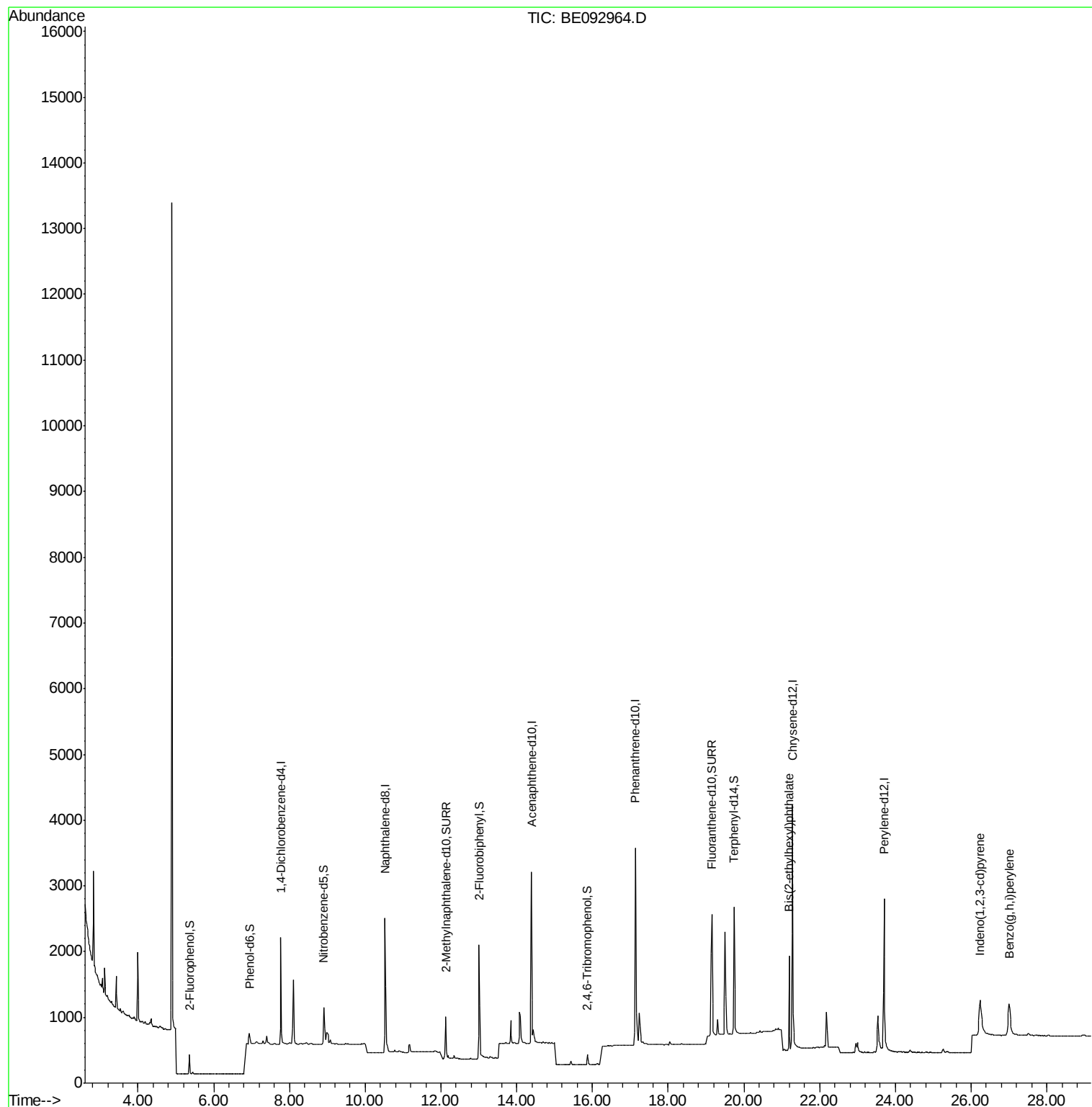
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050917\
Data File : BE092964.D
Acq On : 9 May 2017 14:46
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ALS Vial : 6 Sample Multiplier: 1

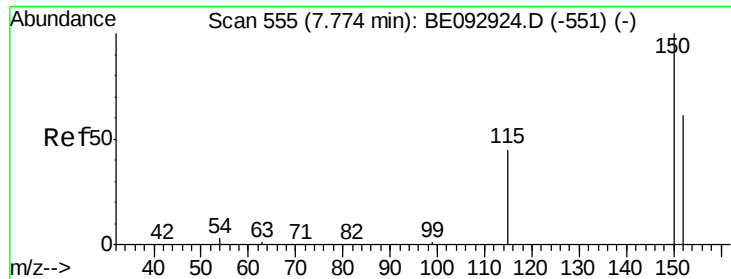
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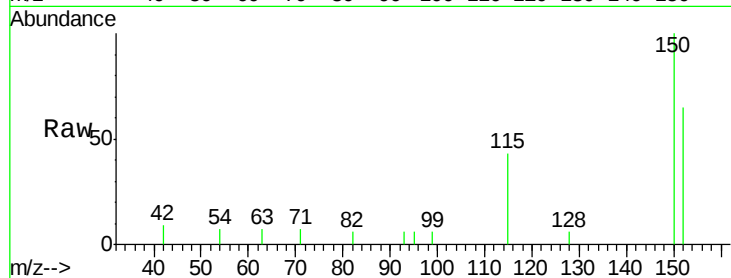




#1

1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.77 min Scan# 555
Delta R.T. 0.00 min
Lab File: BE092964.D
Acq: 9 May 2017 14:46

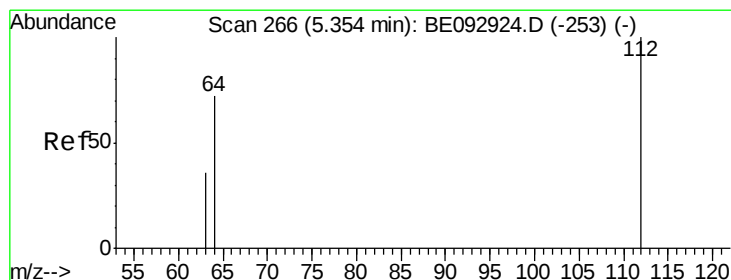
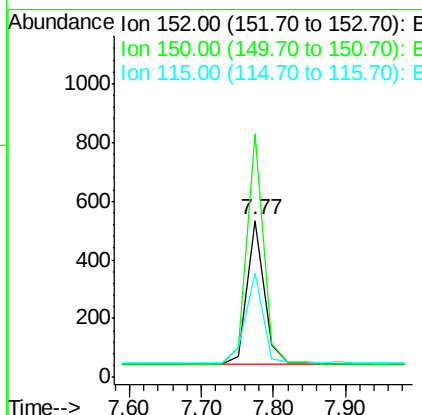
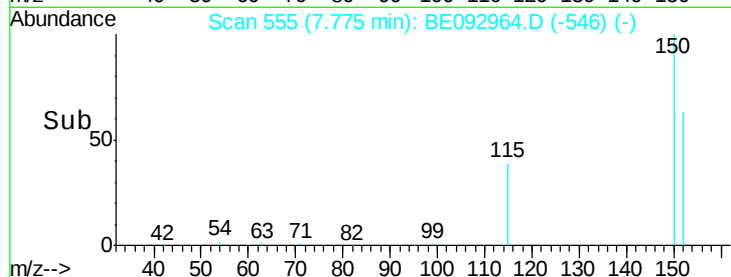
Instrument :
BNA_E
ClientSampleId :
OUTFALL001-170502



Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.0	129.9	194.9
115	66.5	62.6	93.8

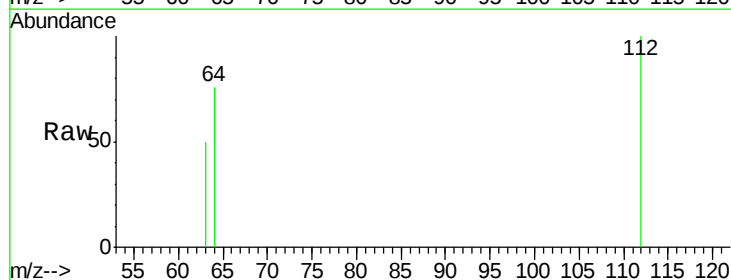
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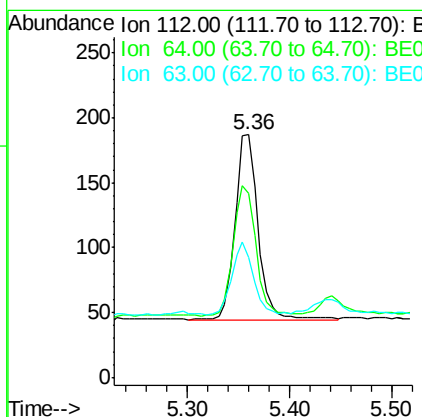
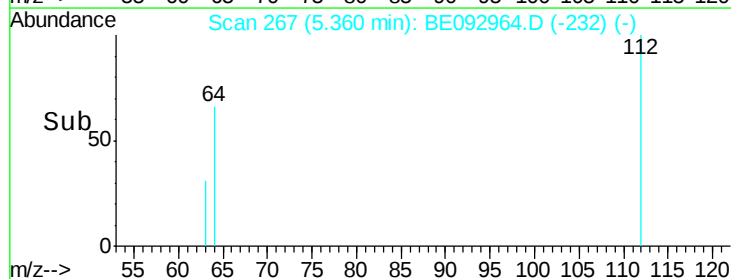


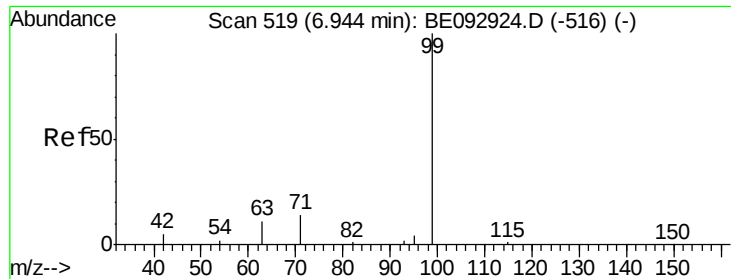
#4

2-Fluorophenol
Concen: 0.12 ng
RT: 5.36 min Scan# 267
Delta R.T. 0.01 min
Lab File: BE092964.D
Acq: 9 May 2017 14:46



Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.2	52.6	79.0
63	36.1	29.0	43.4





#5

Phenol-d6

Concen: 0.06 ng

RT: 6.95 min Scan# 519

Delta R.T. 0.00 min

Lab File: BE092964.D

Acq: 9 May 2017 14:46

Instrument :

BNA_E

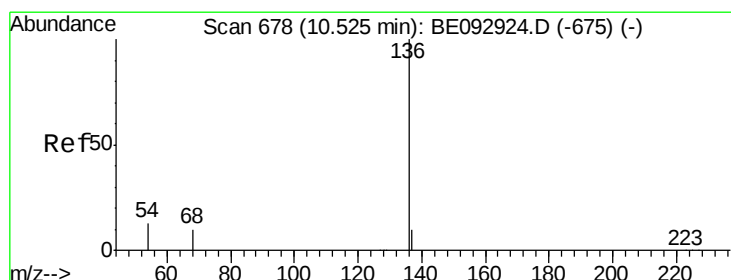
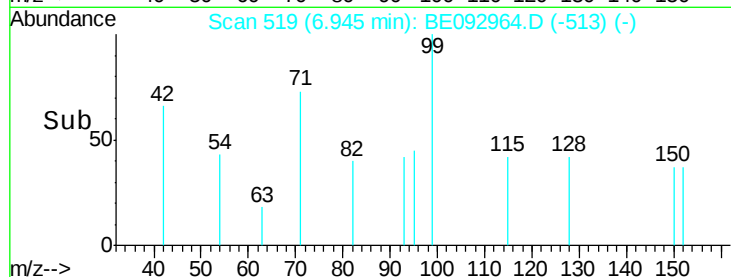
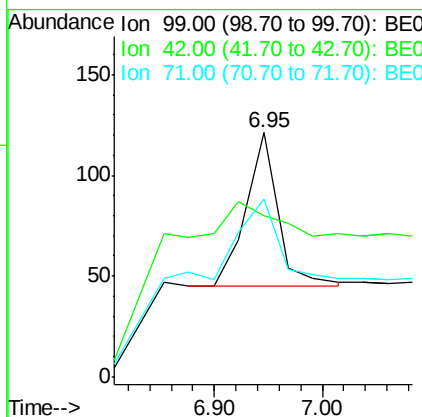
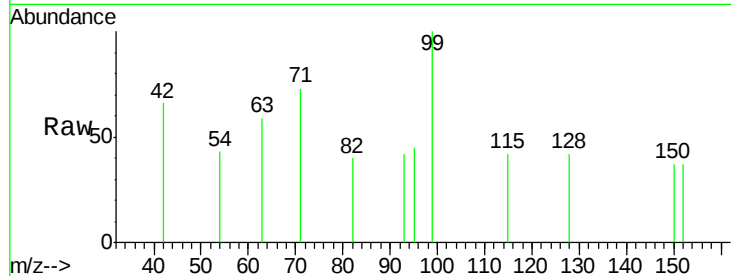
ClientSampleId :

OUTFALL001-170502

Tgt Ion:	99	Resp:	158
Ion Ratio	Lower	Upper	
99	100		
42	0.0	0.0	0.0
71	61.4	0.0	0.0#

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#7

Naphthalene-d8

Concen: 0.40 ng

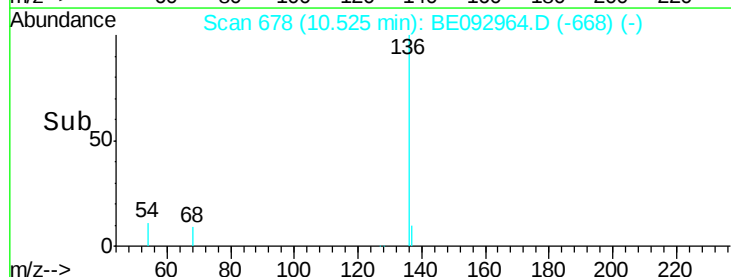
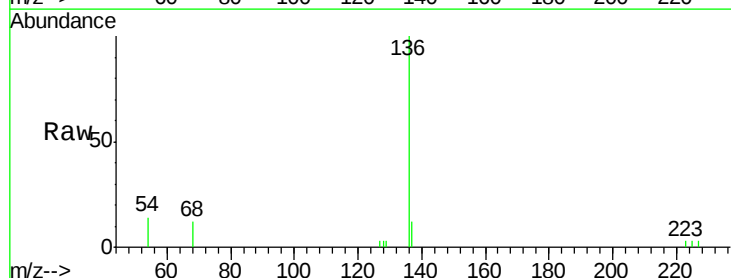
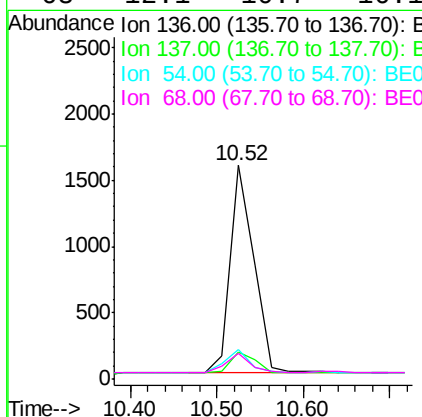
RT: 10.52 min Scan# 678

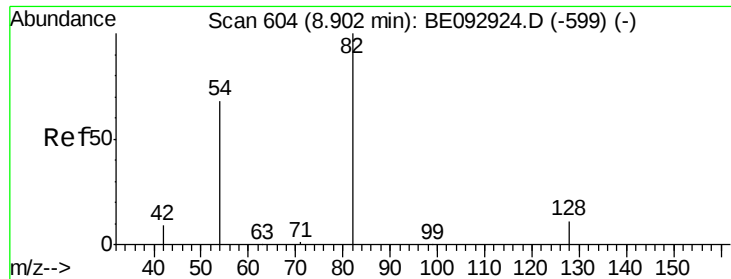
Delta R.T. 0.00 min

Lab File: BE092964.D

Acq: 9 May 2017 14:46

Tgt Ion:	136	Resp:	3001
Ion Ratio	Lower	Upper	
136	100		
137	12.4	10.4	15.6
54	13.9	12.6	18.8
68	12.1	10.7	16.1





#8

Nitrobenzene-d5

Concen: 0.31 ng

RT: 8.90 min Scan# 604

Delta R.T. 0.00 min

Lab File: BE092964.D

Acq: 9 May 2017 14:46

Instrument :

BNA_E

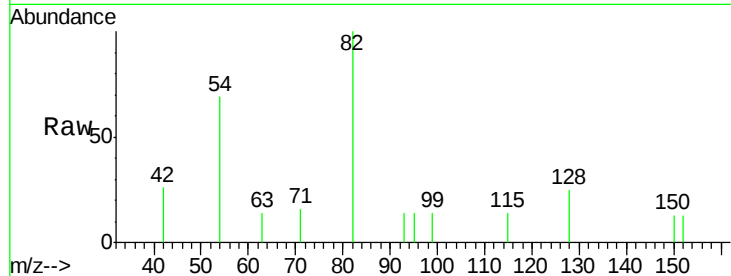
ClientSampleId :

OUTFALL001-170502

Tgt Ion:	82	Resp:	621
Ion	Ratio	Lower	Upper
82	100		
128	24.9	35.3	52.9#
54	69.0	65.1	97.7

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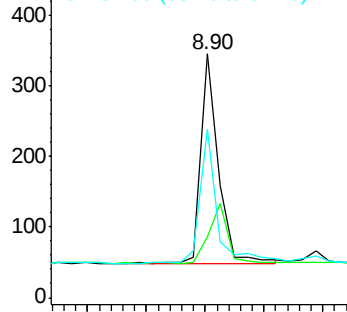
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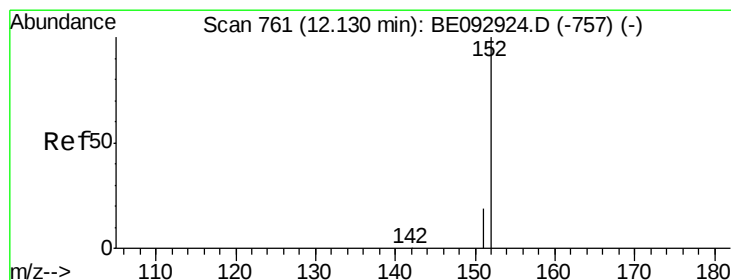
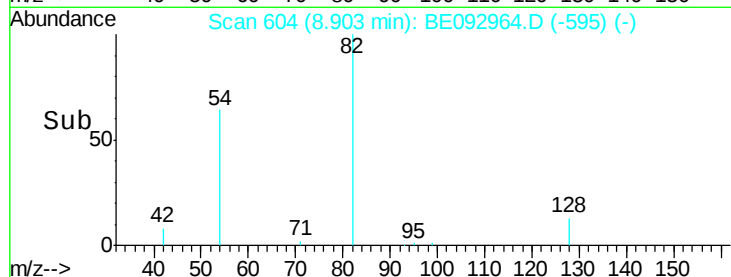
Abundance Ion 82.00 (81.70 to 82.70): BE092924.D (-599) (-)

Ion 128.00 (127.70 to 128.70): BE092924.D (-599) (-)

Ion 54.00 (53.70 to 54.70): BE092924.D (-599) (-)



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.24 ng

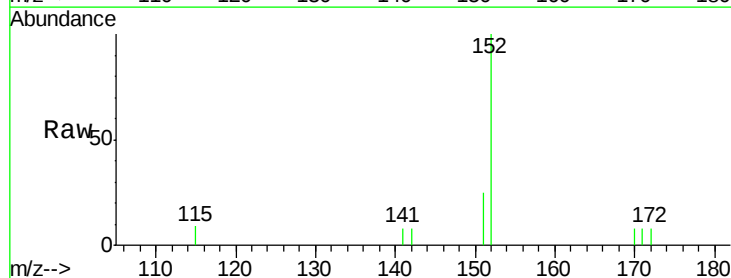
RT: 12.13 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE092964.D

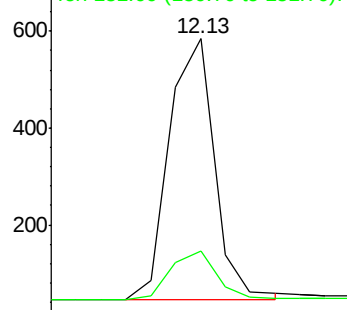
Acq: 9 May 2017 14:46

Tgt Ion:	152	Resp:	1047
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5

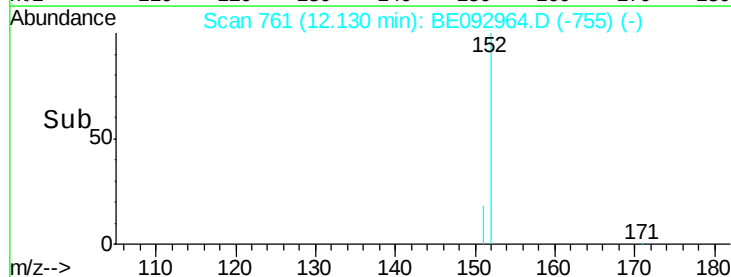


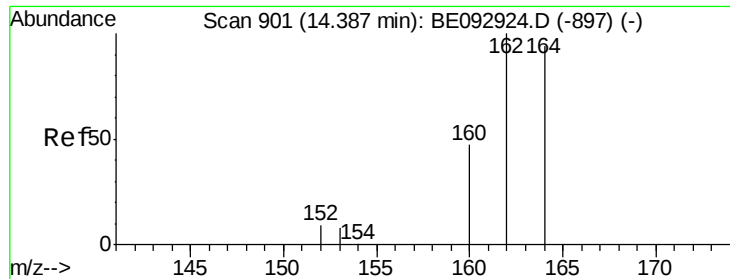
Abundance Ion 152.00 (151.70 to 152.70): BE092924.D (-757) (-)

Ion 151.00 (150.70 to 151.70): BE092924.D (-757) (-)



Time-->





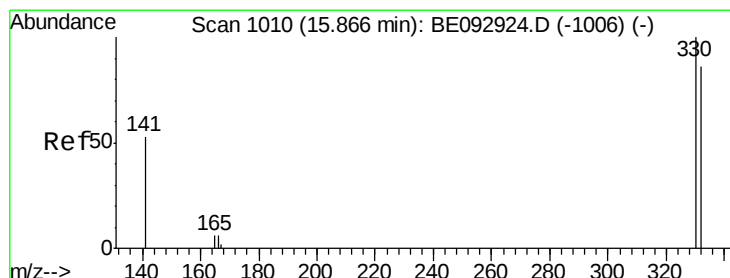
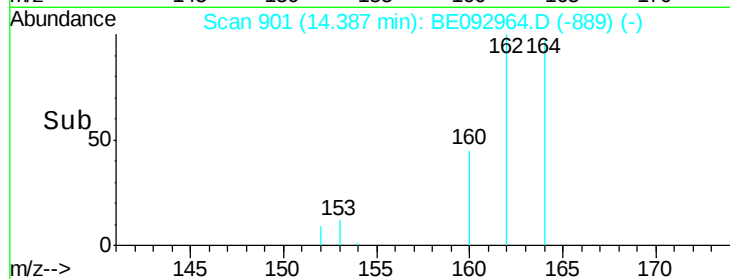
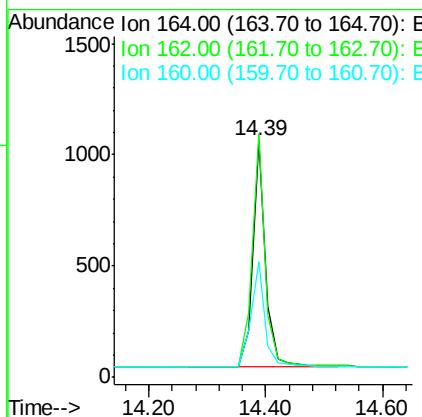
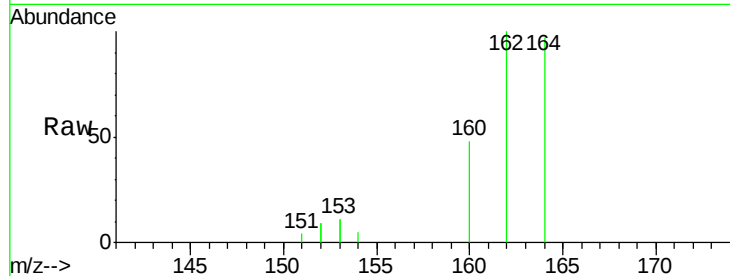
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 14.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE092964.D
Acq: 9 May 2017 14:46

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Tgt Ion:164 Resp: 1599
Ion Ratio Lower Upper
164 100
162 102.9 86.6 130.0
160 49.1 44.5 66.7

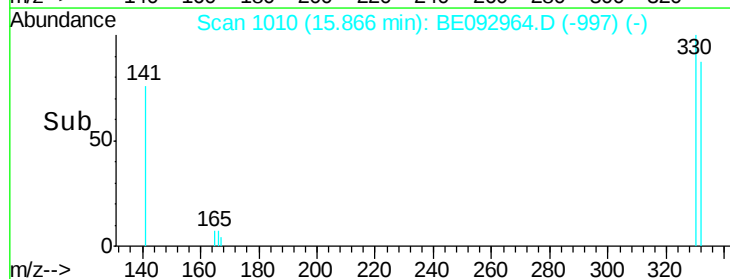
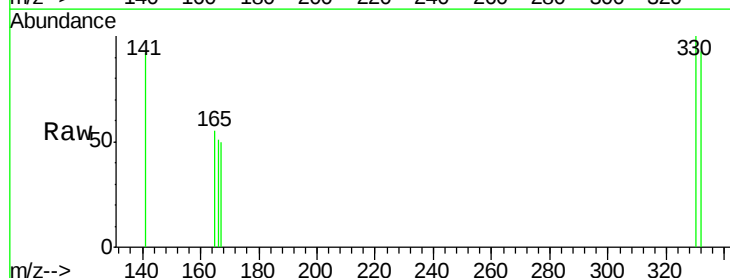
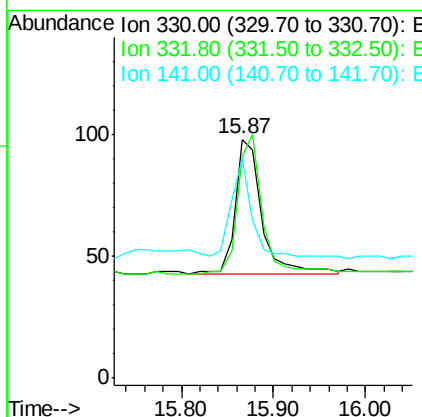
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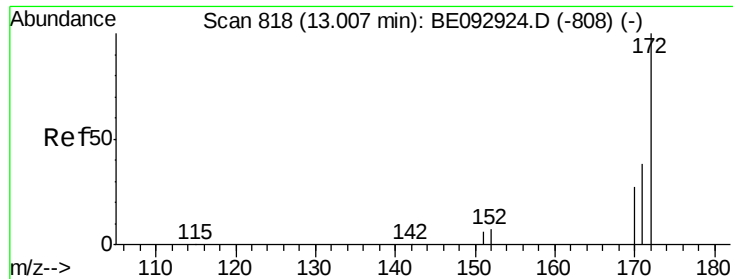
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#14
2,4,6-Tribromophenol
Concen: 0.44 ng
RT: 15.87 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BE092964.D
Acq: 9 May 2017 14:46

Tgt Ion:330 Resp: 110
Ion Ratio Lower Upper
330 100
332 96.4 69.1 103.7
141 53.6 54.6 81.8#





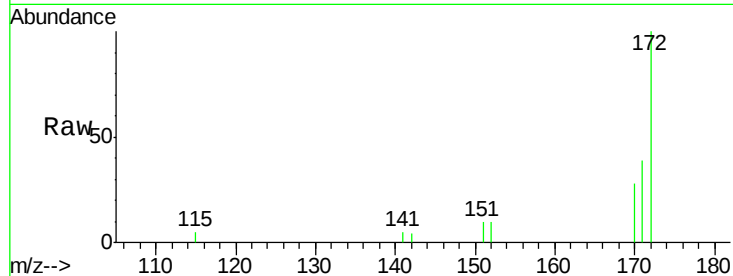
#15
2-Fluorobiphenyl
Concen: 0.24 ng
RT: 13.01 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE092964.D
Acq: 9 May 2017 14:46

Instrument :
BNA_E
ClientSampleId :
OUTFALL001-170502

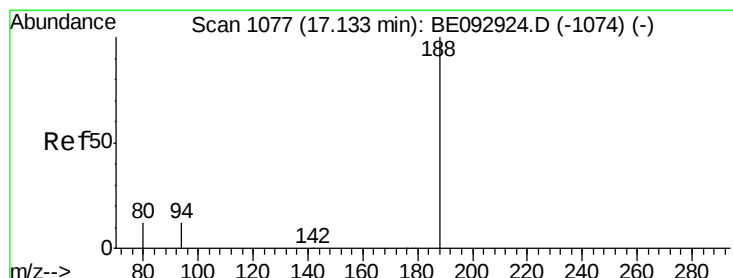
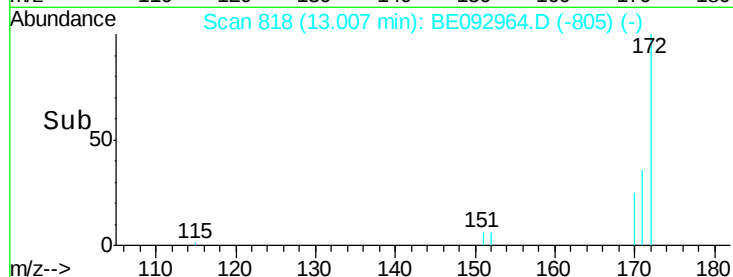
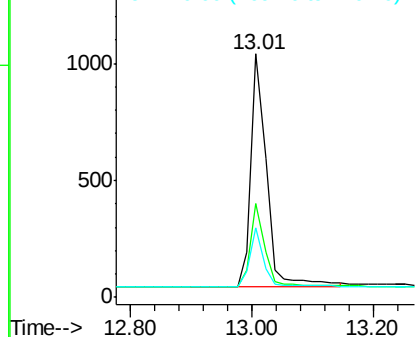
Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	35.8	53.6
170	28.4	28.5	42.7

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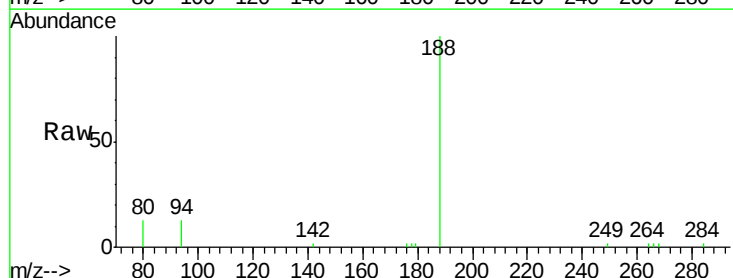


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

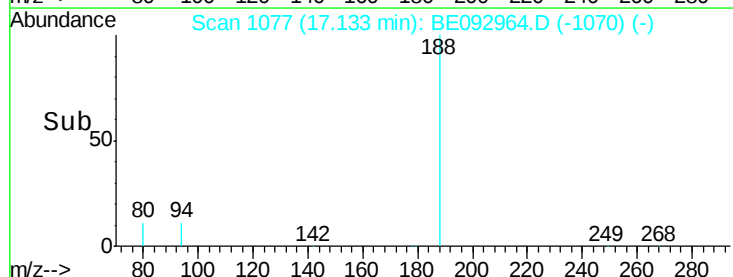
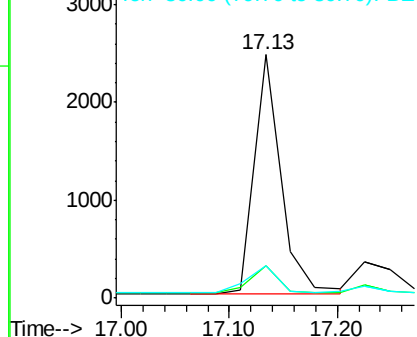


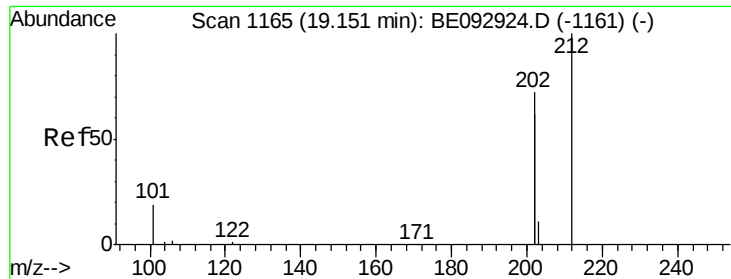
#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 17.13 min Scan# 1077
Delta R.T. 0.00 min
Lab File: BE092964.D
Acq: 9 May 2017 14:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.1	10.2	15.4
80	13.4	10.6	15.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE0
Ion 80.00 (79.70 to 80.70): BE0





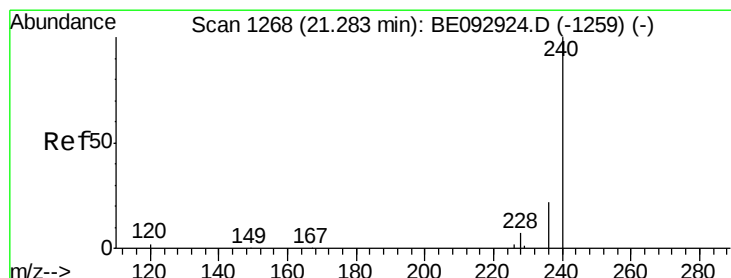
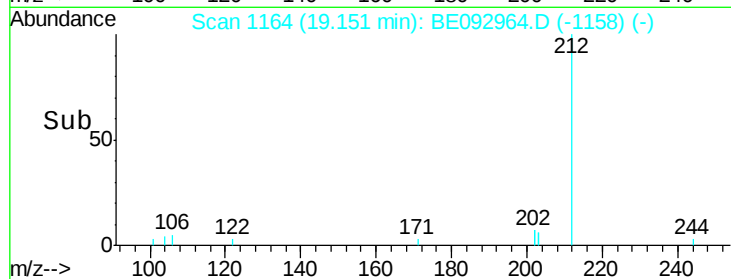
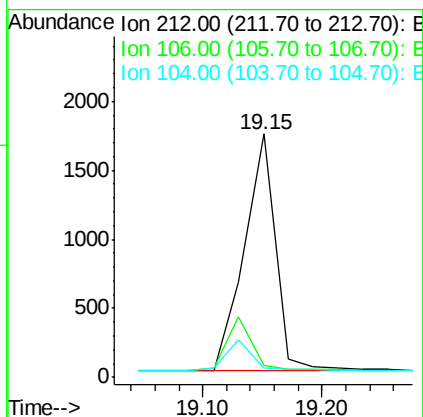
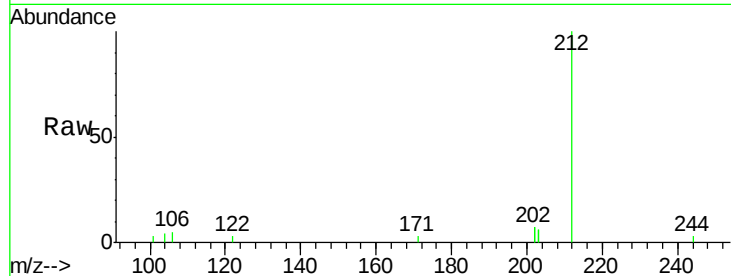
#24
 Fluoranthene-d10
 Concen: 0.32 ng
 RT: 19.15 min Scan# 1164
 Delta R.T. -0.00 min
 Lab File: BE092964.D
 Acq: 9 May 2017 14:46

Instrument :
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Tgt Ion	Ratio	Lower	Upper
212	100		
106	0.0	0.0	0.0
104	0.0	0.0	0.0

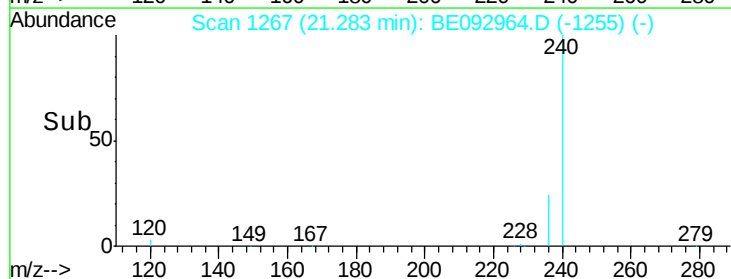
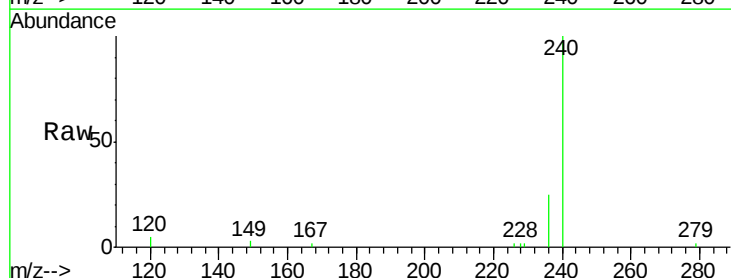
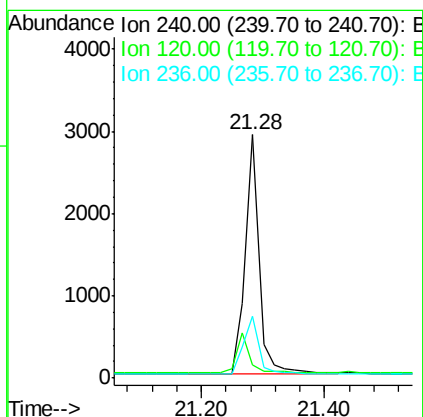
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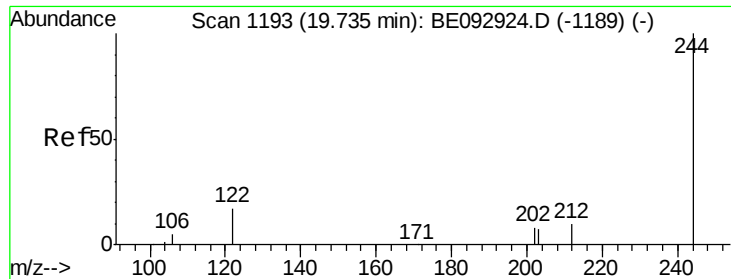
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#26
 Chrysene-d12
 Concen: 0.40 ng
 RT: 21.28 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BE092964.D
 Acq: 9 May 2017 14:46

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.2	4.6	6.8
236	25.2	19.8	29.8





#28

Terphenyl-d14

Concen: 0.33 ng

RT: 19.73 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BE092964.D

Acq: 9 May 2017 14:46

Instrument :

BNA_E

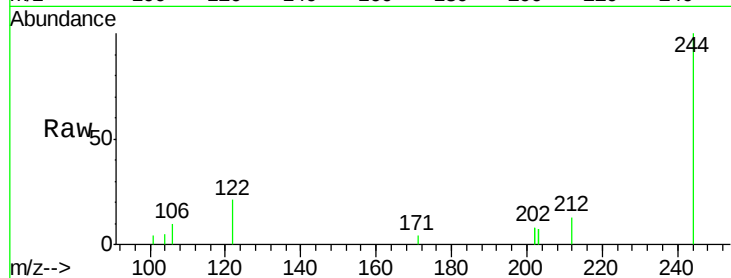
ClientSampleId :

OUTFALL001-170502

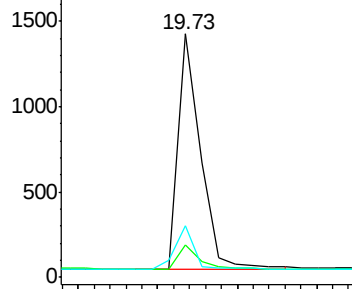
Tgt Ion:	244	Resp:	2721
Ion Ratio	Lower	Upper	
244	100		
212	13.2	18.4	27.6#
122	21.4	23.3	34.9#

Manual Integrations
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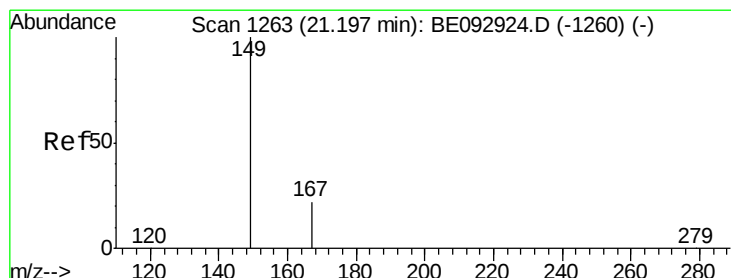
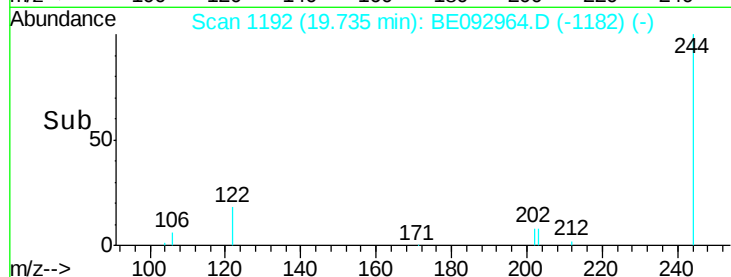
mohammad
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time--> 19.60 19.70 19.80 19.90



#31

Bis(2-ethylhexyl)phthalate

Concen: 0.48 ng

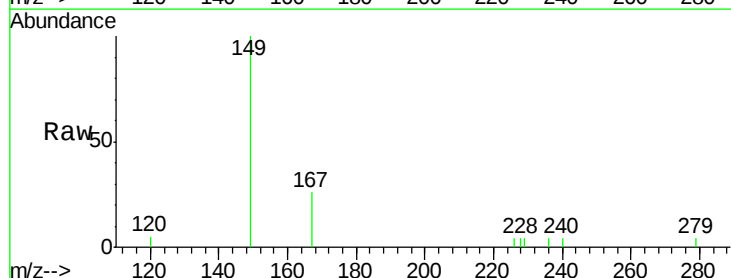
RT: 21.20 min Scan# 1262

Delta R.T. 0.00 min

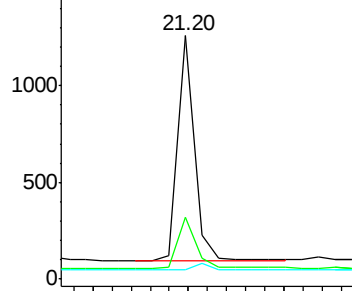
Lab File: BE092964.D

Acq: 9 May 2017 14:46

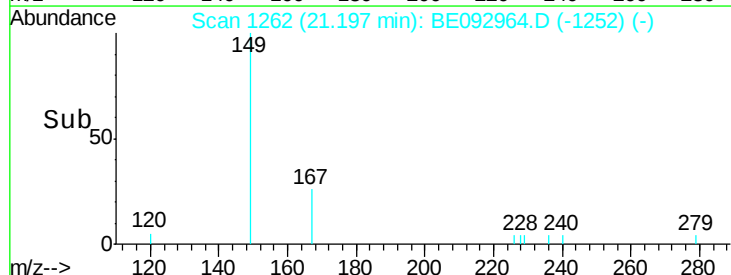
Tgt Ion:	149	Resp:	1431
Ion Ratio	Lower	Upper	
149	100		
167	24.7	20.9	31.3
279	2.4	0.0	0.0#

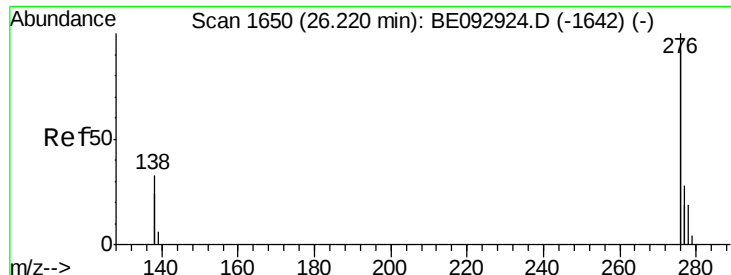


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Time--> 21.10 21.20 21.30





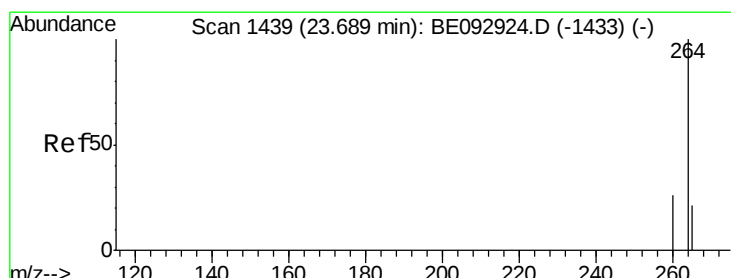
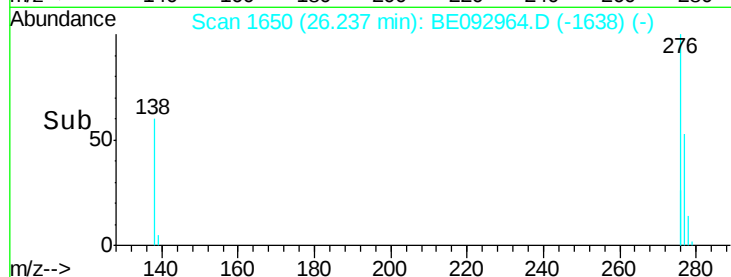
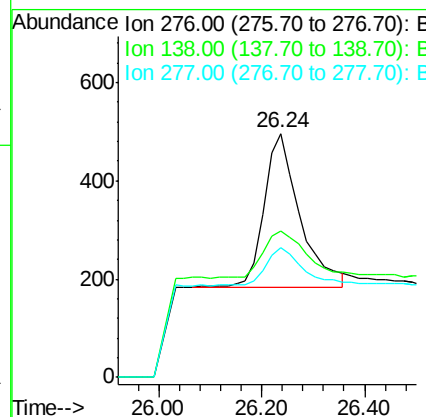
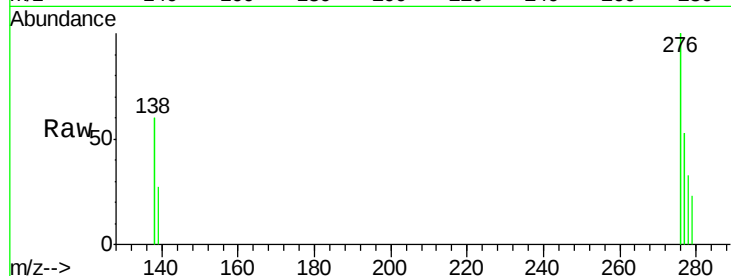
#32
 Indeno(1,2,3-cd)pyrene
 Concen: 0.03 ng
 RT: 26.24 min Scan# 1650
 Delta R.T. 0.02 min
 Lab File: BE092964.D
 Acq: 9 May 2017 14:46

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170502

Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.5	25.8	38.6
277	25.8	20.2	30.4

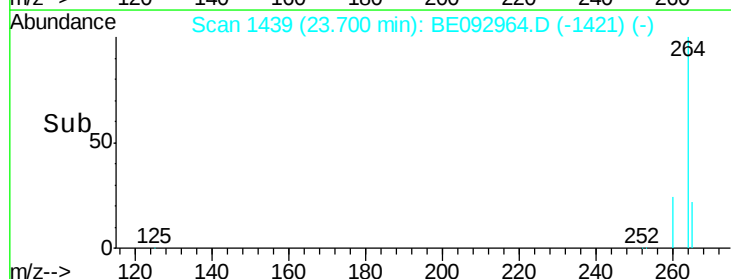
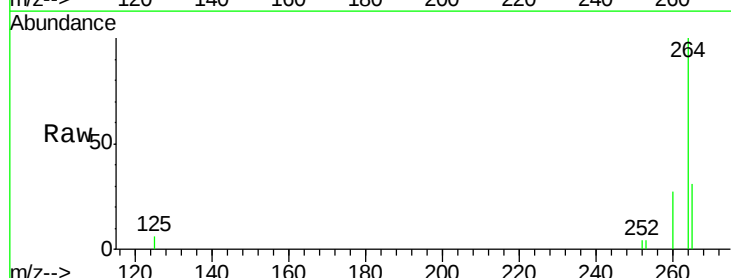
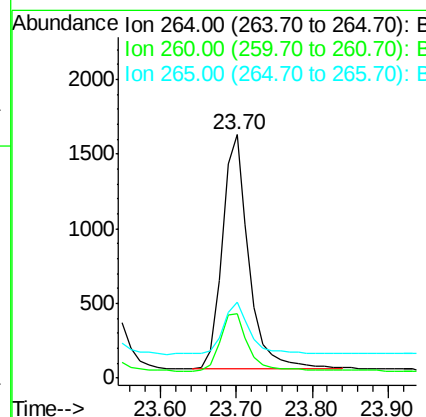
Manual Integrations
 APPROVED

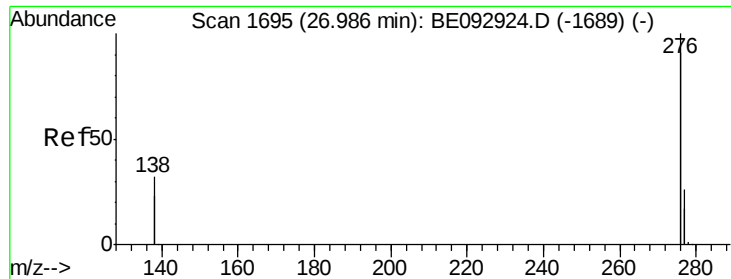
mohammad
 5/10/2017 11:49:20 AM



#33
 Perylene-d12
 Concen: 0.40 ng
 RT: 23.70 min Scan# 1439
 Delta R.T. 0.01 min
 Lab File: BE092964.D
 Acq: 9 May 2017 14:46

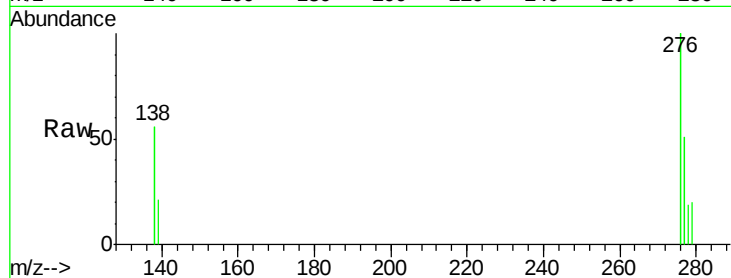
Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.5	23.5	35.3
265	31.1	27.2	40.8





#38
 Benzo(g,h,i)perylene
 Concen: 0.03 ng
 RT: 27.00 min Scan# 1695
 Delta R.T. 0.02 min
 Lab File: BE092964.D
 Acq: 9 May 2017 14:46

Instrument :
 BNA_E
 ClientSampleId :
 OUTFALL001-170502



Tgt Ion:	276	Resp:	1390
Ion Ratio	Lower	Upper	
276	100		
277	50.8	29.9	44.9#
138	56.3	34.6	51.8#

Manual Integrations
 APPROVED

mohammad
 5/10/2017 11:49:20 AM

