

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098934.D
 Acq On : 14 Mar 2019 6:15
 Operator : JU/SJ
 Sample : K1860-09
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP04-20190311

Manual Integrations
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Sohil
 3/14/2019 11:09:34 AM

Quant Time: Mar 14 07:42:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 06 15:33:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	669	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	3059	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2194	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5712	0.40	ng	0.00
27) Chrysene-d12	21.40	240	6628	0.40	ng	0.00
34) Perylene-d12	23.90	264	6403	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.42	112	326	0.16	ng	0.04
5) Phenol-d6	7.03	99	136m	0.05	ng	0.05
8) Nitrobenzene-d5	9.00	82	908	0.28	ng	0.04
11) 2-Methylnaphthalene-d10	12.21	152	1829	0.32	ng	0.01
14) 2,4,6-Tribromophenol	15.96	330	421	0.38	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	3765	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	29720	0.33	ng	0.00
29) Terphenyl-d14	19.84	244	8270	0.51	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.28	88	9536	9.154	ng	99
23) Phenanthrene	17.25	178	683	0.042	ng	# 80
32) Bis(2-ethylhexyl)phthalate	21.29	149	2383	0.054	ng	# 98

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

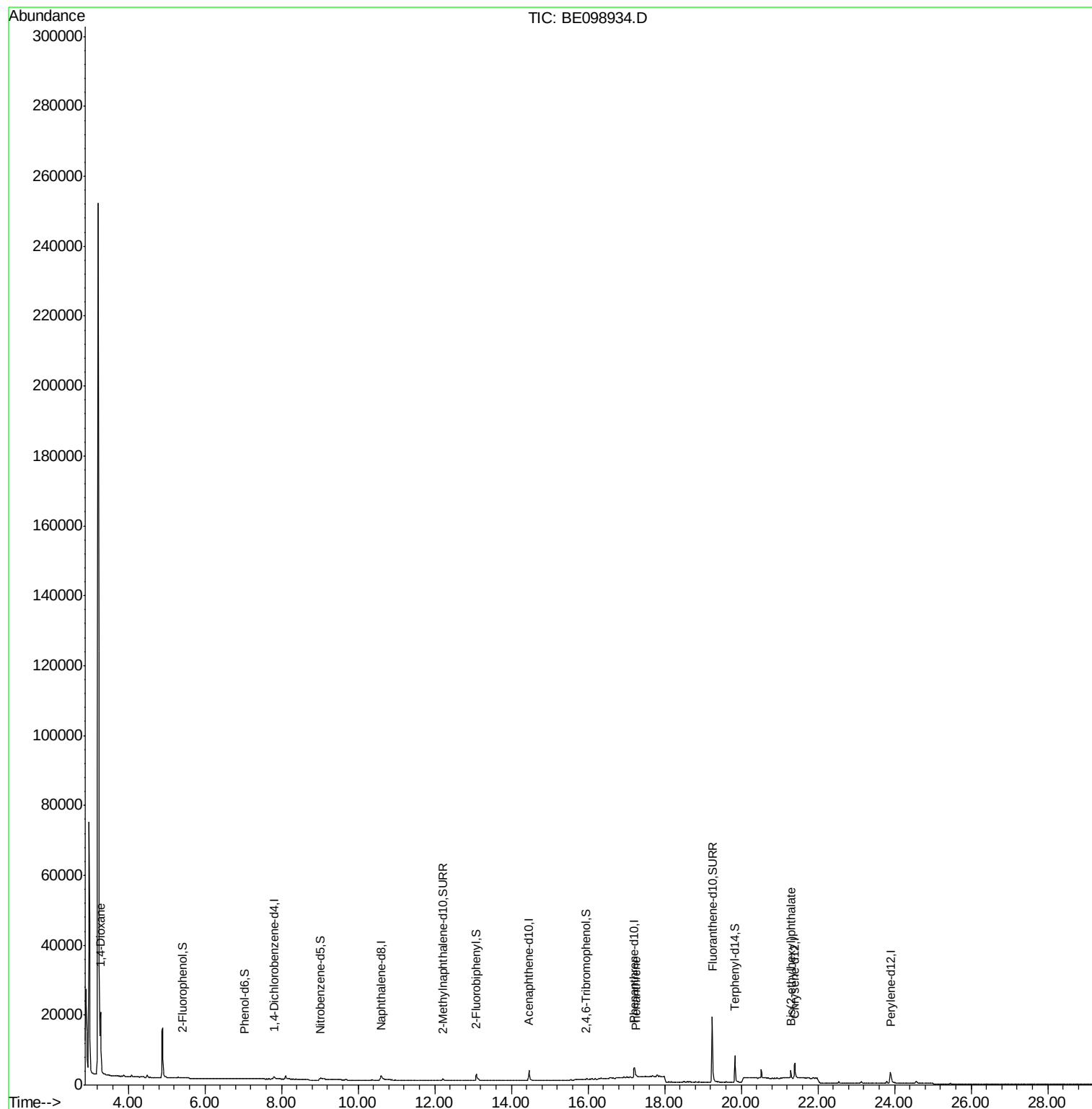
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
Data File : BE098934.D
Acq On : 14 Mar 2019 6:15
Operator : JU/SJ
Sample : K1860-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

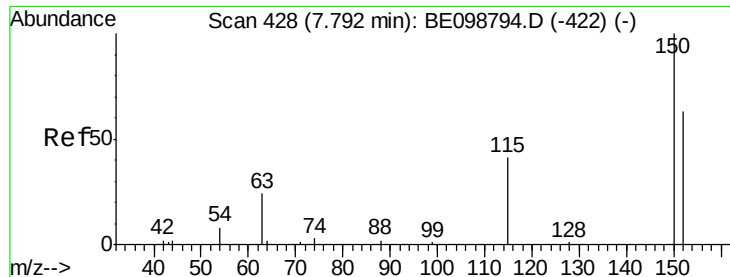
Instrument :
BNA_E
ClientSampleId :
DUP04-20190311

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
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#1

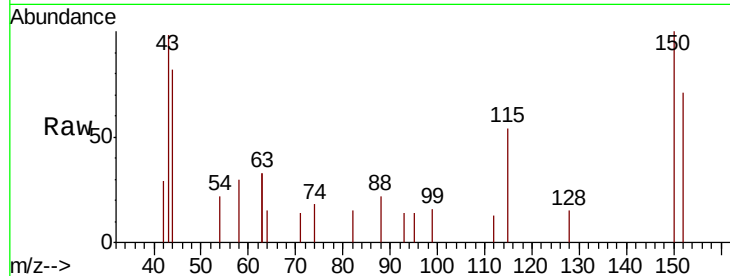
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

Instrument :
BNA_E
ClientSampleId :
DUP04-20190311

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.5	122.5	183.7
115	76.0	57.4	86.2

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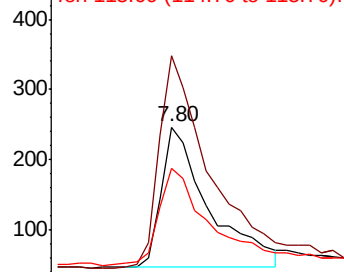


Abundance

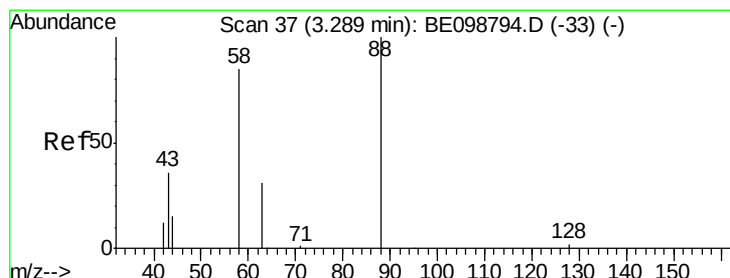
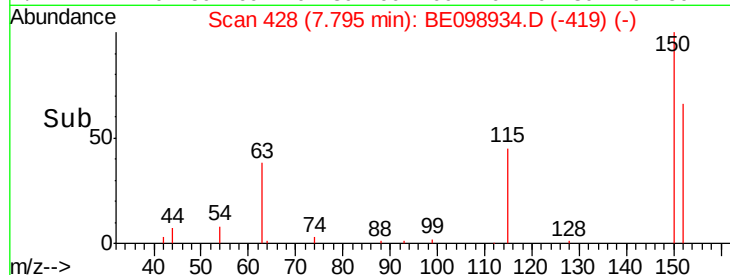
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



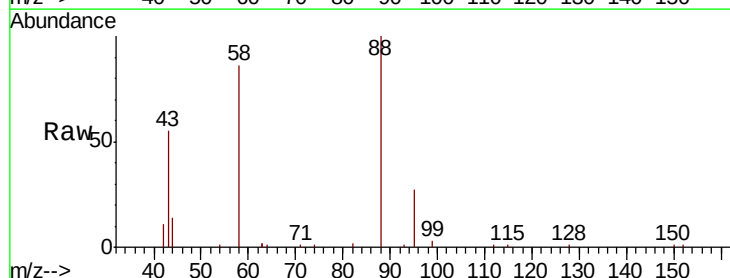
Time-->



#2

1,4-Dioxane
Concen: 9.154 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.0	75.8	113.6
43	51.7	41.8	62.8

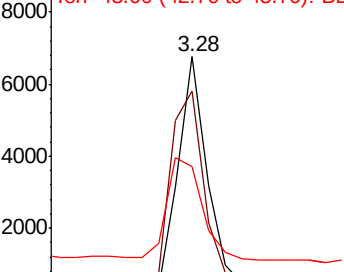


Abundance

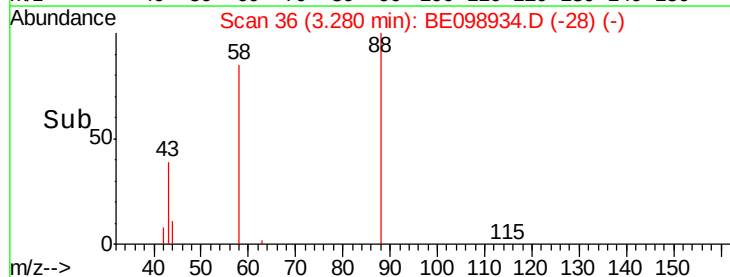
Ion 88.00 (87.70 to 88.70): BE0

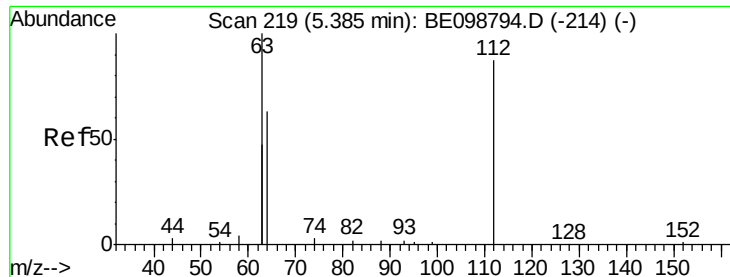
Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0



Time-->





#4

2-Fluorophenol

Concen: 0.163 ng

RT: 5.42 min Scan# 222

Delta R.T. 0.04 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

Instrument :

BNA_E

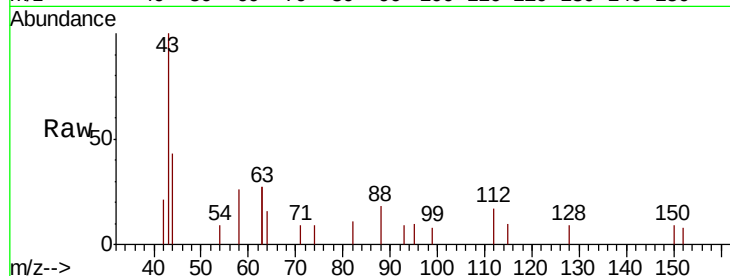
ClientSampleId :

DUP04-20190311

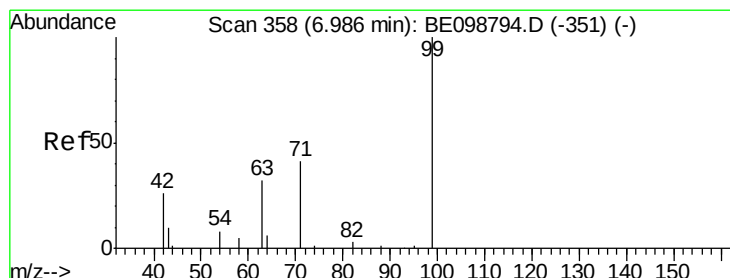
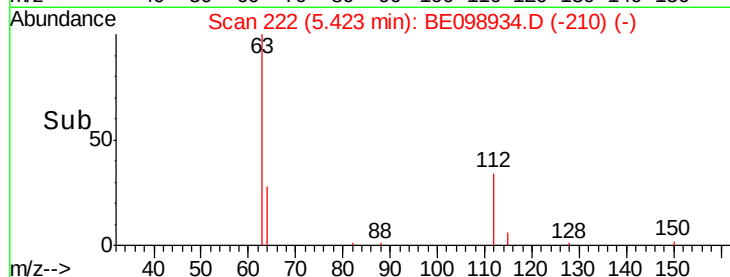
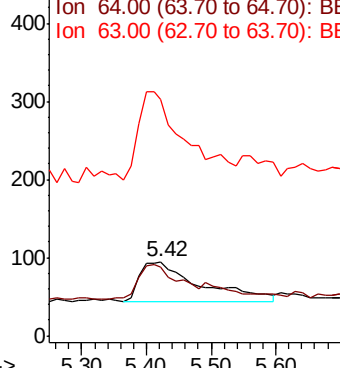
Tot Ion:	112	Resp:	326
Ion Ratio	Lower	Upper	
112	100		
64	0.0	57.9	86.9#
63	0.0	158.3	237.5#

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Abundance Ion 112.00 (111.70 to 112.70): BE0
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.048 ng m

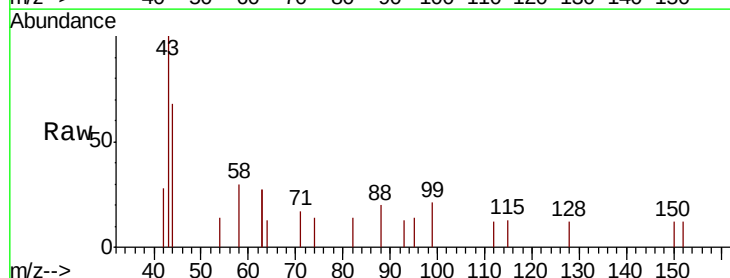
RT: 7.03 min Scan# 362

Delta R.T. 0.05 min

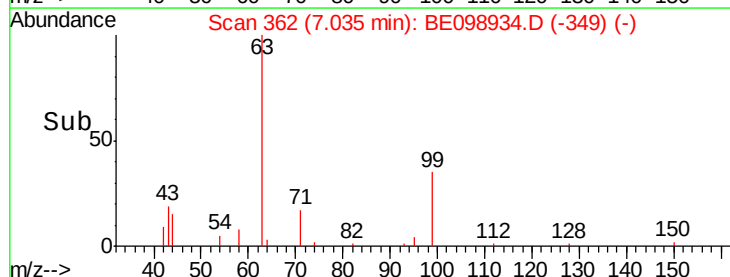
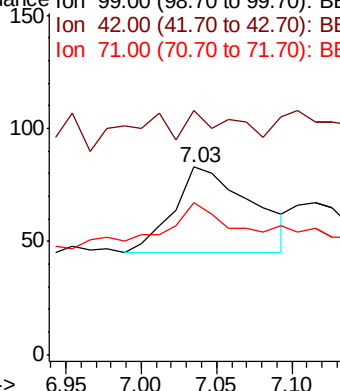
Lab File: BE098934.D

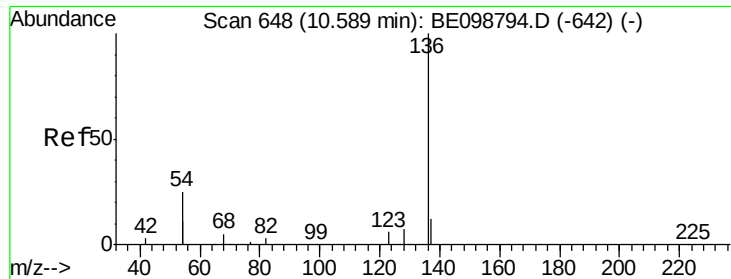
Acq: 14 Mar 2019 6:15

Tgt Ion:	99	Resp:	136
Ion Ratio	Lower	Upper	
99	100		
42	13.2	24.2	36.2#
71	0.0	35.7	53.5#



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

Instrument :

BNA_E

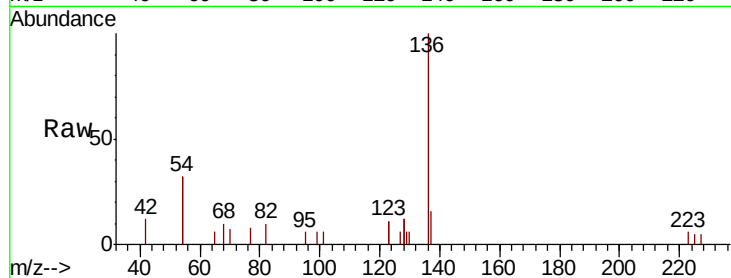
ClientSampleId :

DUP04-20190311

Tot Ion	Ratio	Lower	Upper
136	100		
137	16.0	11.4	17.0
54	64.4	39.3	58.9#
68	10.2	6.7	10.1#

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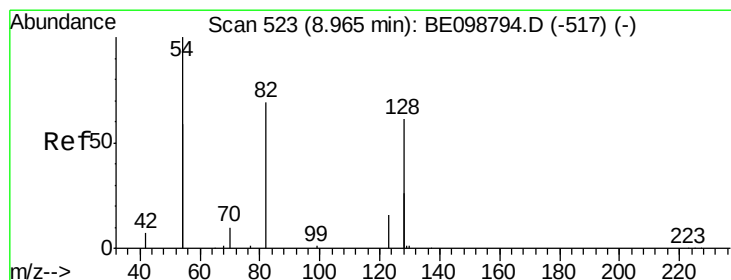
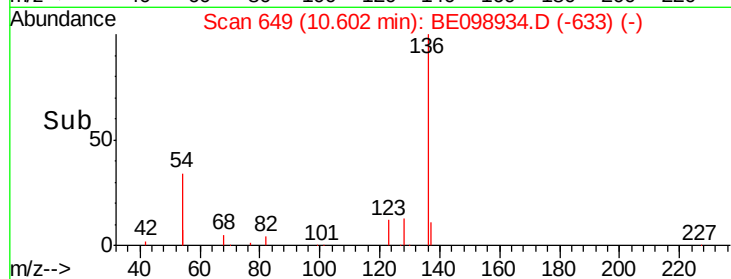
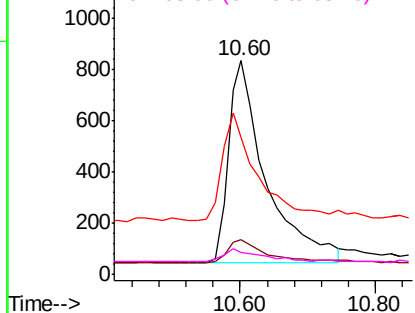
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.283 ng

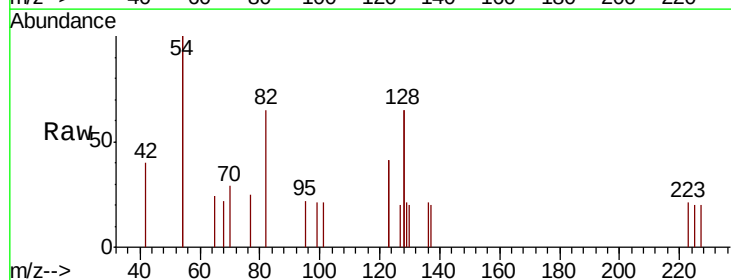
RT: 9.00 min Scan# 526

Delta R.T. 0.04 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

Tgt Ion	Ratio	Lower	Upper
82	100		
128	198.7	123.8	185.8#
54	306.0	203.4	305.2#

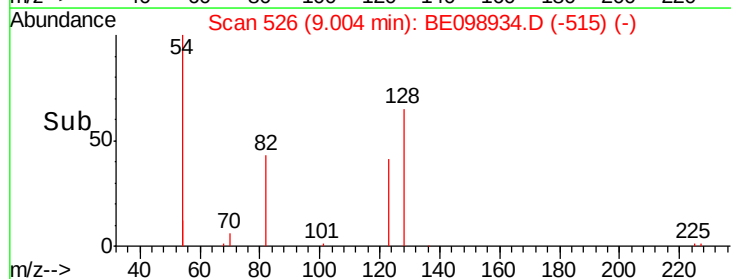
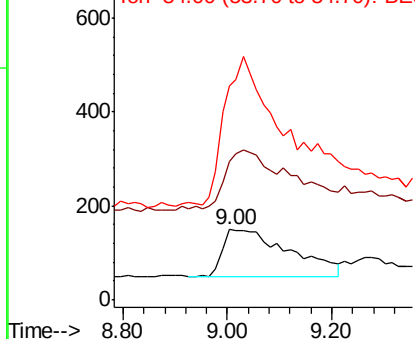


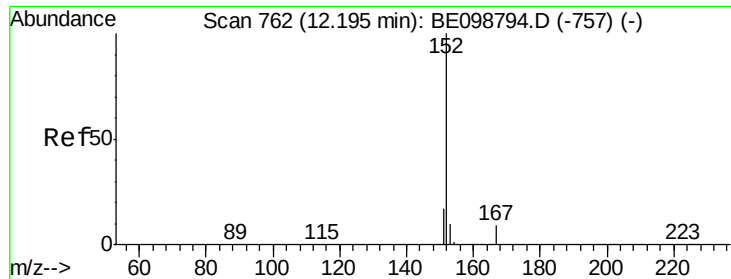
Abundance

Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





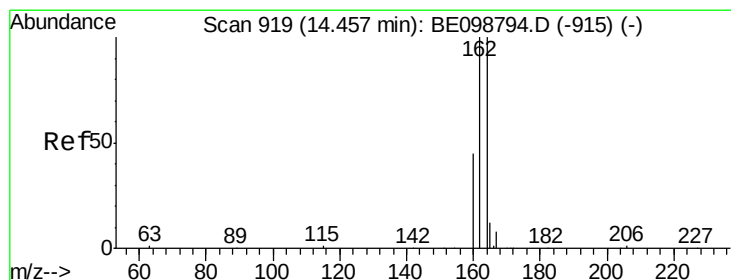
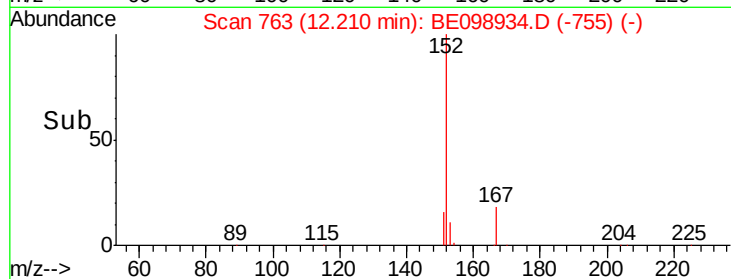
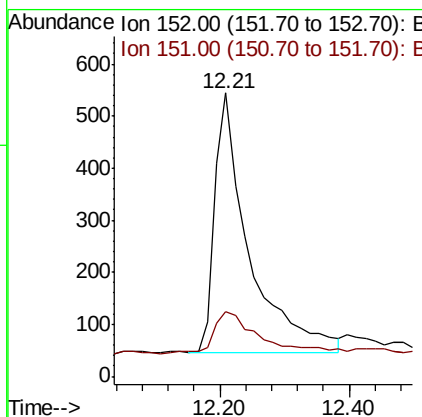
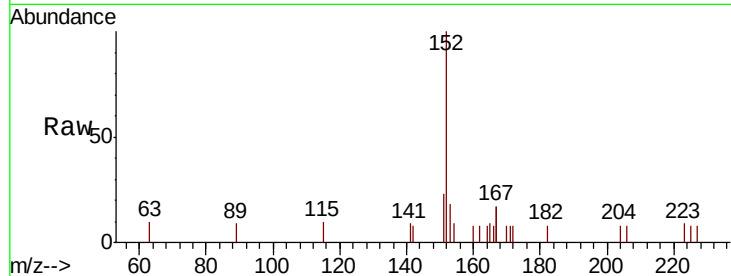
#11
2-Methylnaphthalene-d10
Concen: 0.323 ng
RT: 12.21 min Scan# 763
Delta R.T. 0.01 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

Instrument :
BNA_E
ClientSampleId :
DUP04-20190311

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.5	16.5	24.7

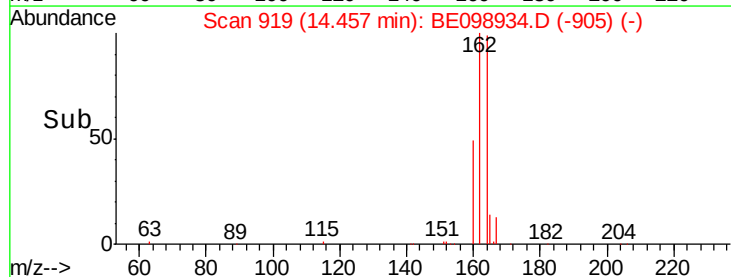
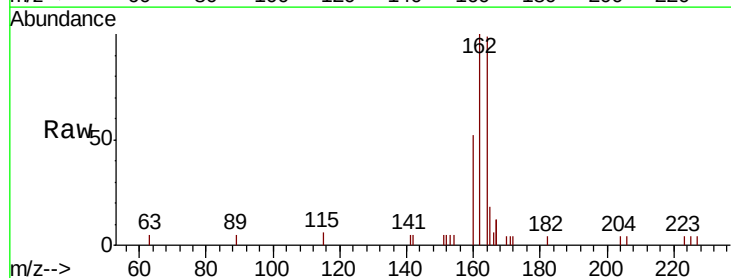
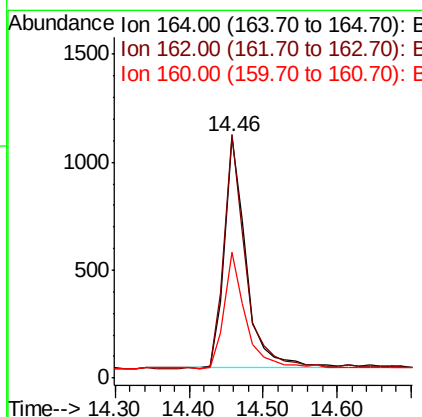
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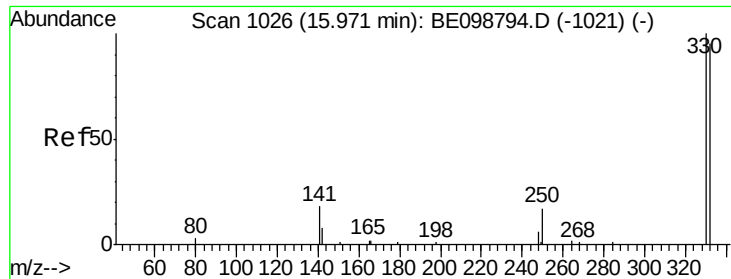
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.0	80.2	120.2
160	52.0	37.8	56.8





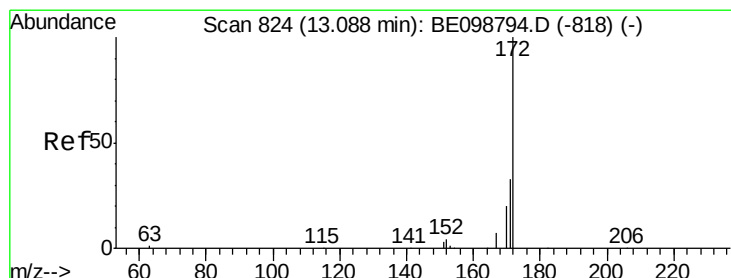
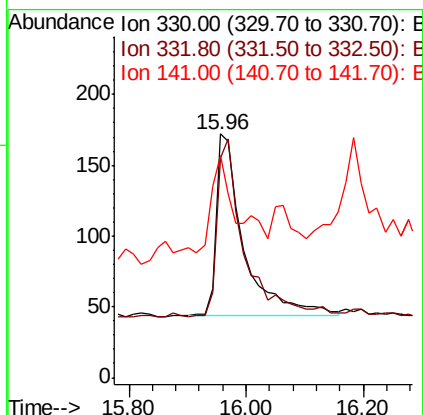
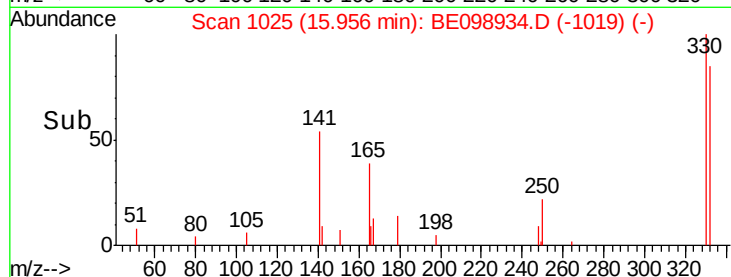
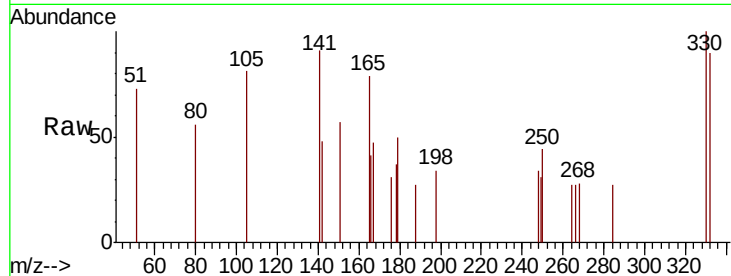
#14
2,4,6-Tribromophenol
Concen: 0.380 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

Instrument :
BNA_E
ClientSampleId :
DUP04-20190311

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.6	116.4
141	39.2	31.0	46.4

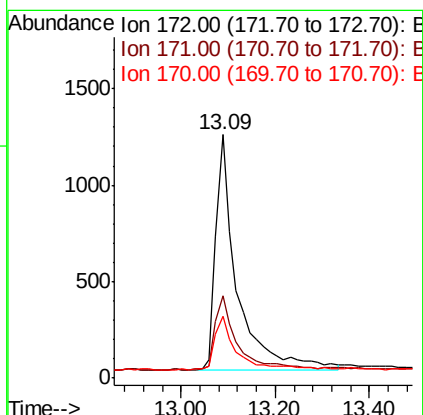
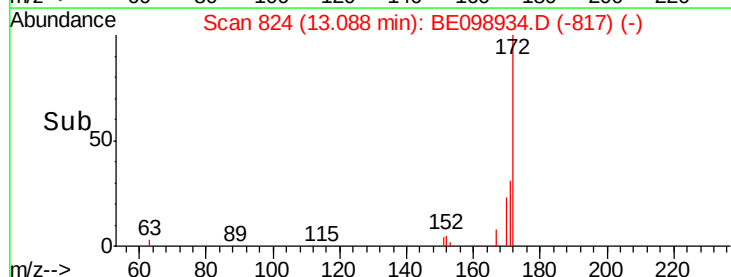
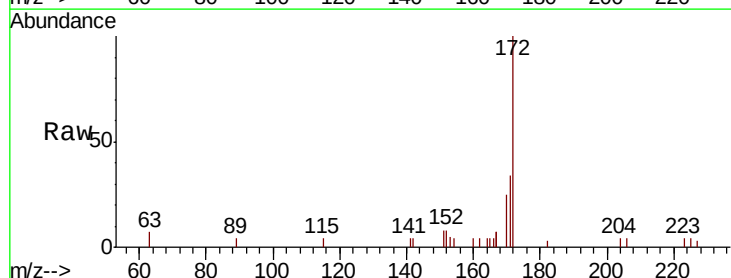
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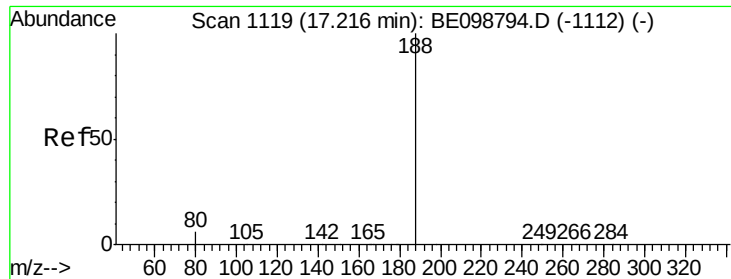
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#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098934.D
Acq: 14 Mar 2019 6:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.0	42.0
170	25.3	17.7	26.5





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

Instrument :

BNA_E

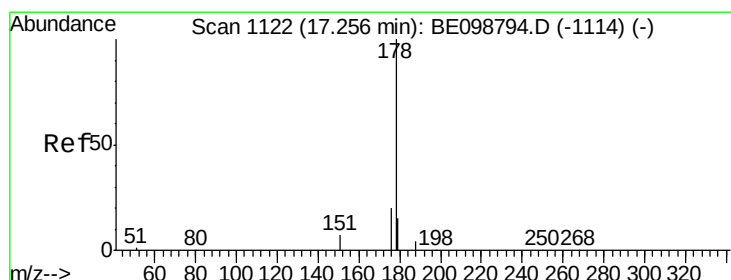
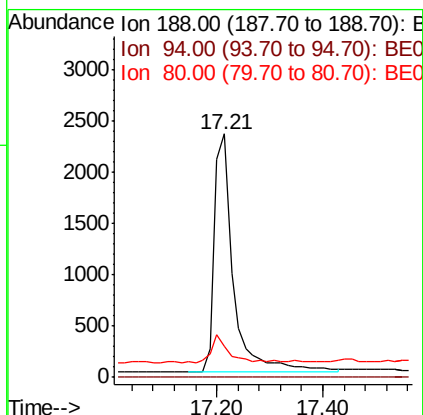
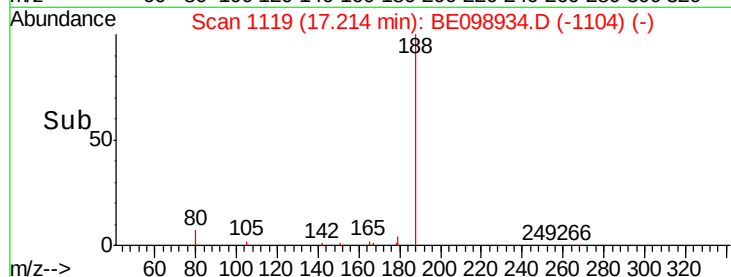
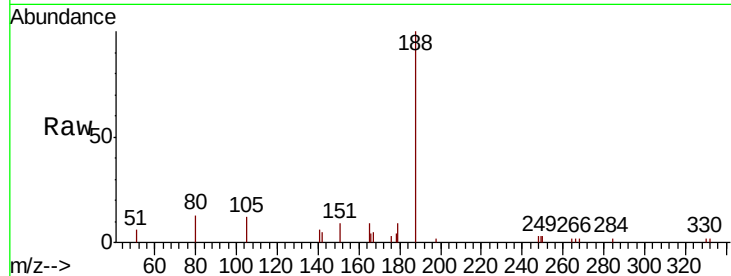
ClientSampleId :

DUP04-20190311

Tot Ion:	188	Resp:	5712
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.0	6.3	9.5#

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#23

Phenanthrene

Concen: 0.042 ng

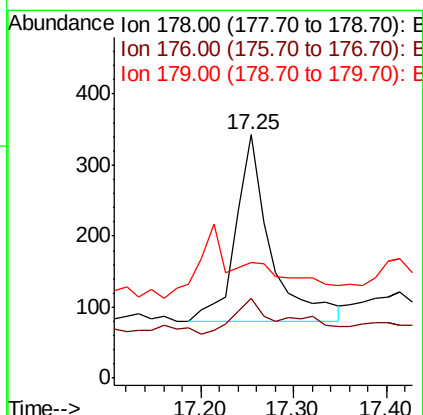
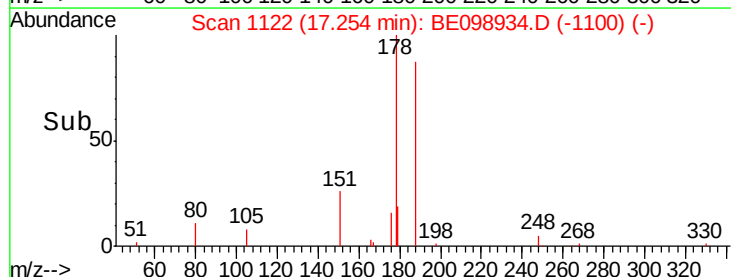
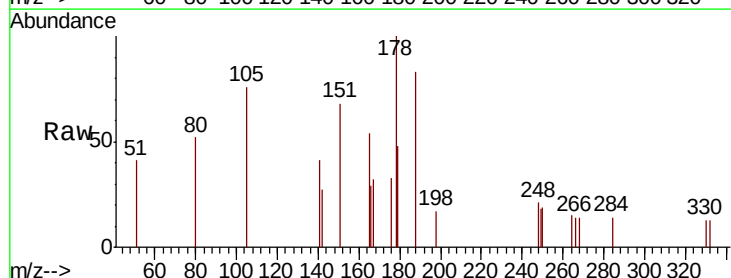
RT: 17.25 min Scan# 1122

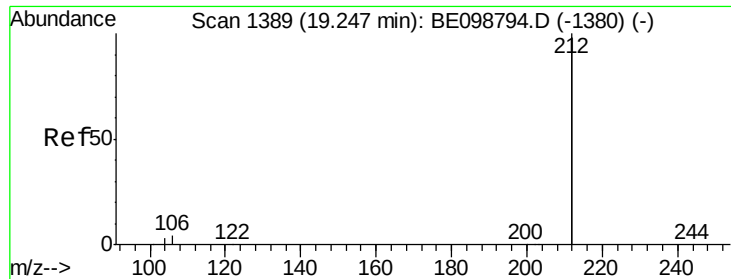
Delta R.T. -0.00 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

Tgt Ion:	178	Resp:	683
Ion Ratio	Lower	Upper	
178	100		
176	16.7	16.0	24.0
179	0.0	12.1	18.1#





#25

Fluoranthene-d10

Concen: 0.326 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

Instrument :

BNA_E

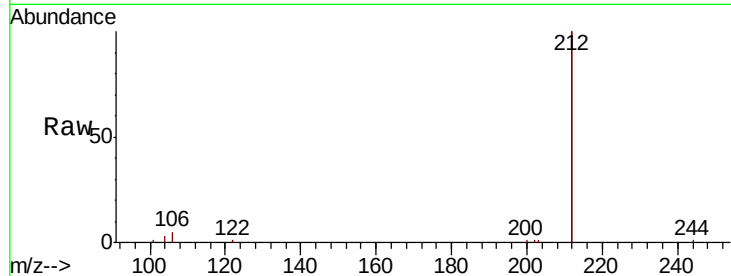
ClientSampleId :

DUP04-20190311

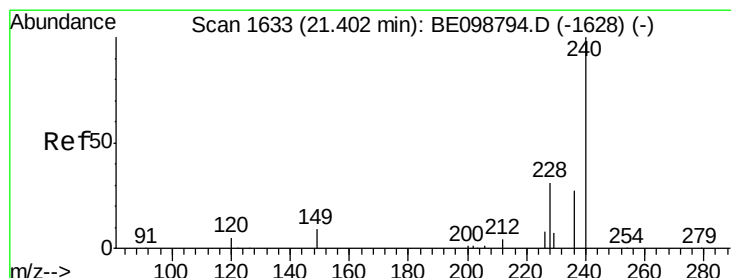
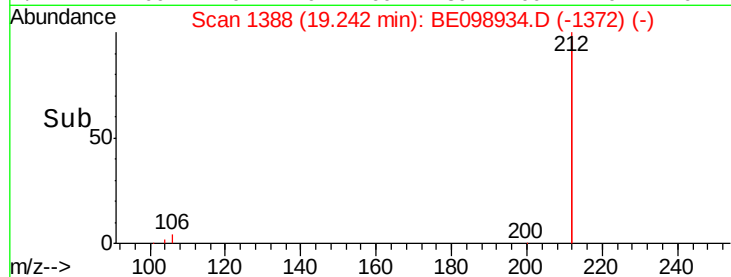
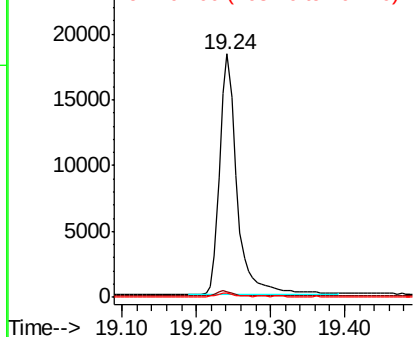
Tot Ion:	212	Resp:	29720
Ion Ratio	Lower	Upper	
212	100		
106	2.3	1.8	2.8
104	1.3	1.0	1.6

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

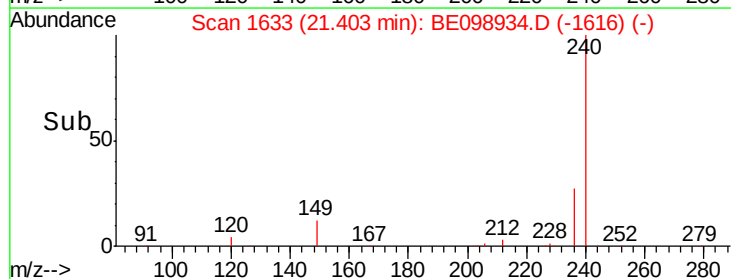
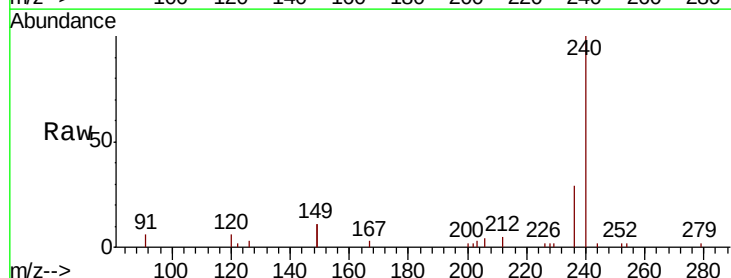
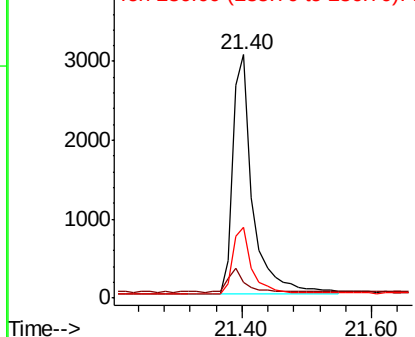
Delta R.T. 0.00 min

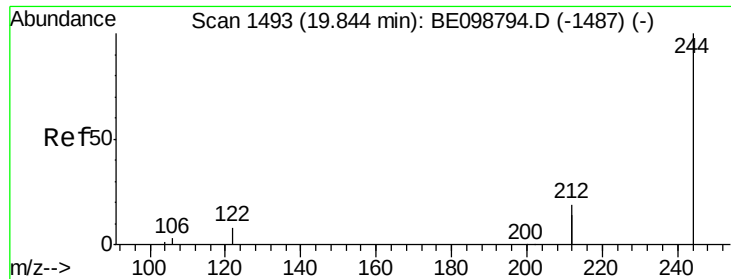
Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

Tgt Ion:	240	Resp:	6628
Ion Ratio	Lower	Upper	
240	100		
120	6.5	5.0	7.4
236	29.0	22.7	34.1

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





#29

Terphenyl-d14

Concen: 0.513 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

Instrument :

BNA_E

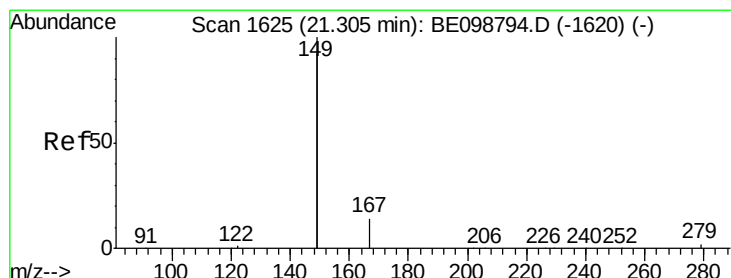
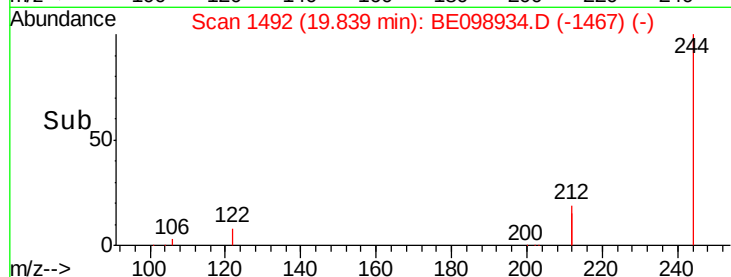
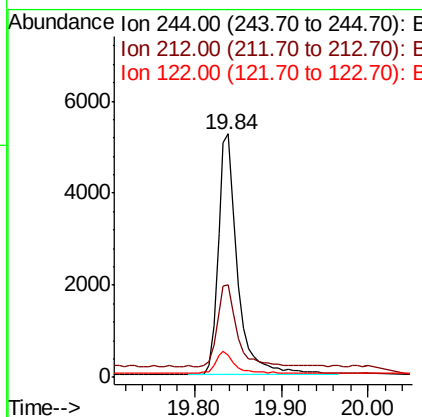
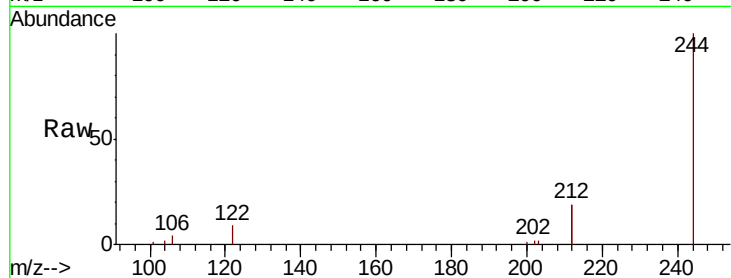
ClientSampleId :

DUP04-20190311

Tot Ion:	244	Resp:	8270
Ion Ratio	Lower	Upper	
244	100		
212	37.9	29.4	44.2
122	9.2	7.1	10.7

Manual Integrations
APPROVED

Sohil
3/14/2019 11:09:34 AM



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.054 ng

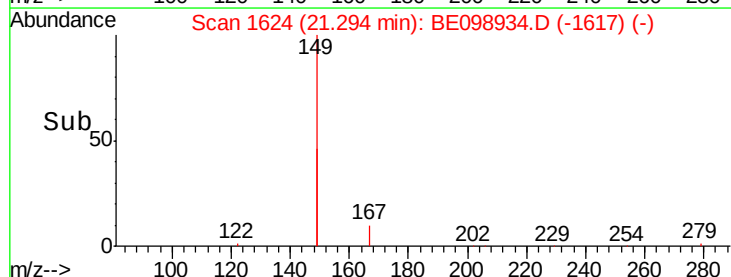
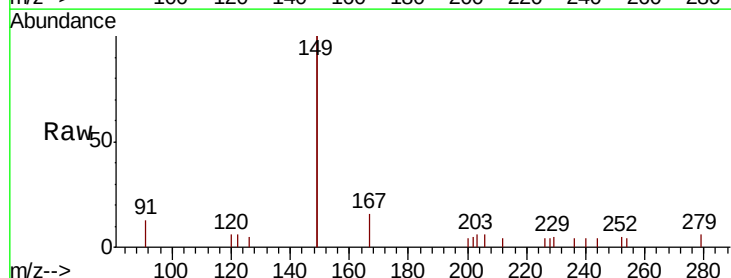
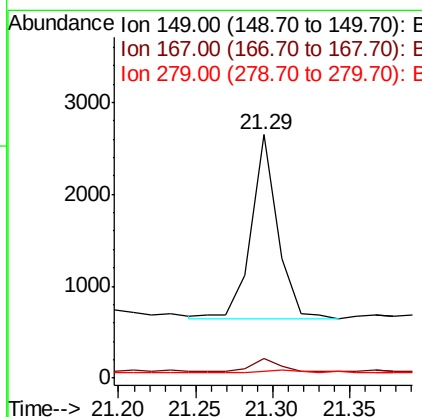
RT: 21.29 min Scan# 1624

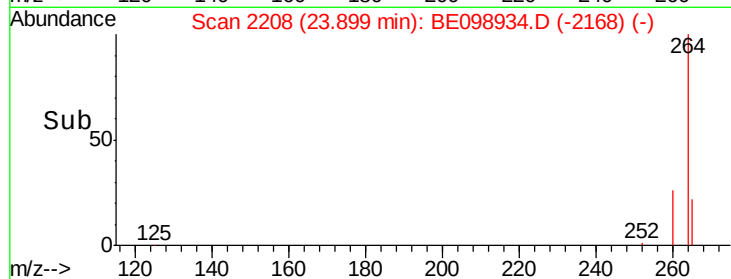
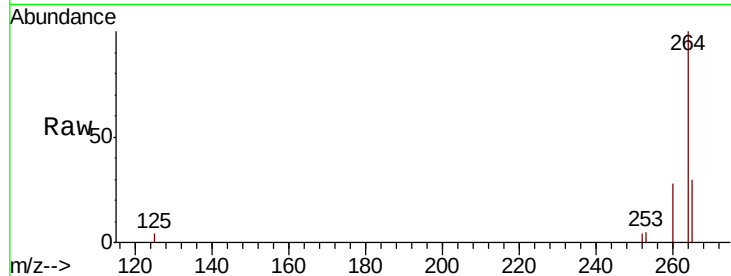
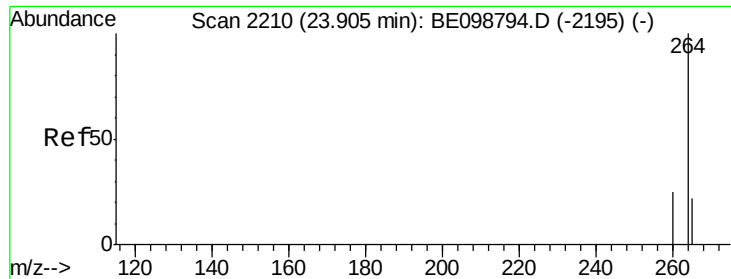
Delta R.T. -0.01 min

Lab File: BE098934.D

Acq: 14 Mar 2019 6:15

Tgt Ion:	149	Resp:	2383
Ion Ratio	Lower	Upper	
149	100		
167	7.4	5.4	8.0
279	2.6	1.0	1.4#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BE098934.D
 Acq: 14 Mar 2019 6:15

Instrument :
 BNA_E
 ClientSampleId :
 DUP04-20190311

Tot Ion	Ratio	Lower	Upper
264	100		
260	27.6	21.2	31.8
265	29.8	24.6	36.8

Manual Integrations
 APPROVED

Sohil
 3/14/2019 11:09:34 AM

