

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091819.D
 Acq On : 19 May 2016 20:45
 Operator : UM/SJ
 Sample : H3084-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 LF016MW001-160512

Manual Integrations
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Quant Time: May 20 14:43:25 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	24032	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	129921	5.00	ng	-0.02
13) Acenaphthene-d10	14.41	164	87015	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	248564	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	270189	5.00	ng	-0.02
35) Perylene-d12	23.73	264	236220	5.00	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	18456	2.94	ng	0.00
5) Phenol-d6	6.95	99	21735	2.46	ng	0.00
8) Nitrobenzene-d5	8.93	82	33296	3.87	ng	-0.01
14) 2,4,6-Tribromophenol	15.88	330	31325	9.27	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	95520	3.88	ng	-0.01
29) Terphenyl-d14	19.74	244	180097	4.71	ng	-0.02

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

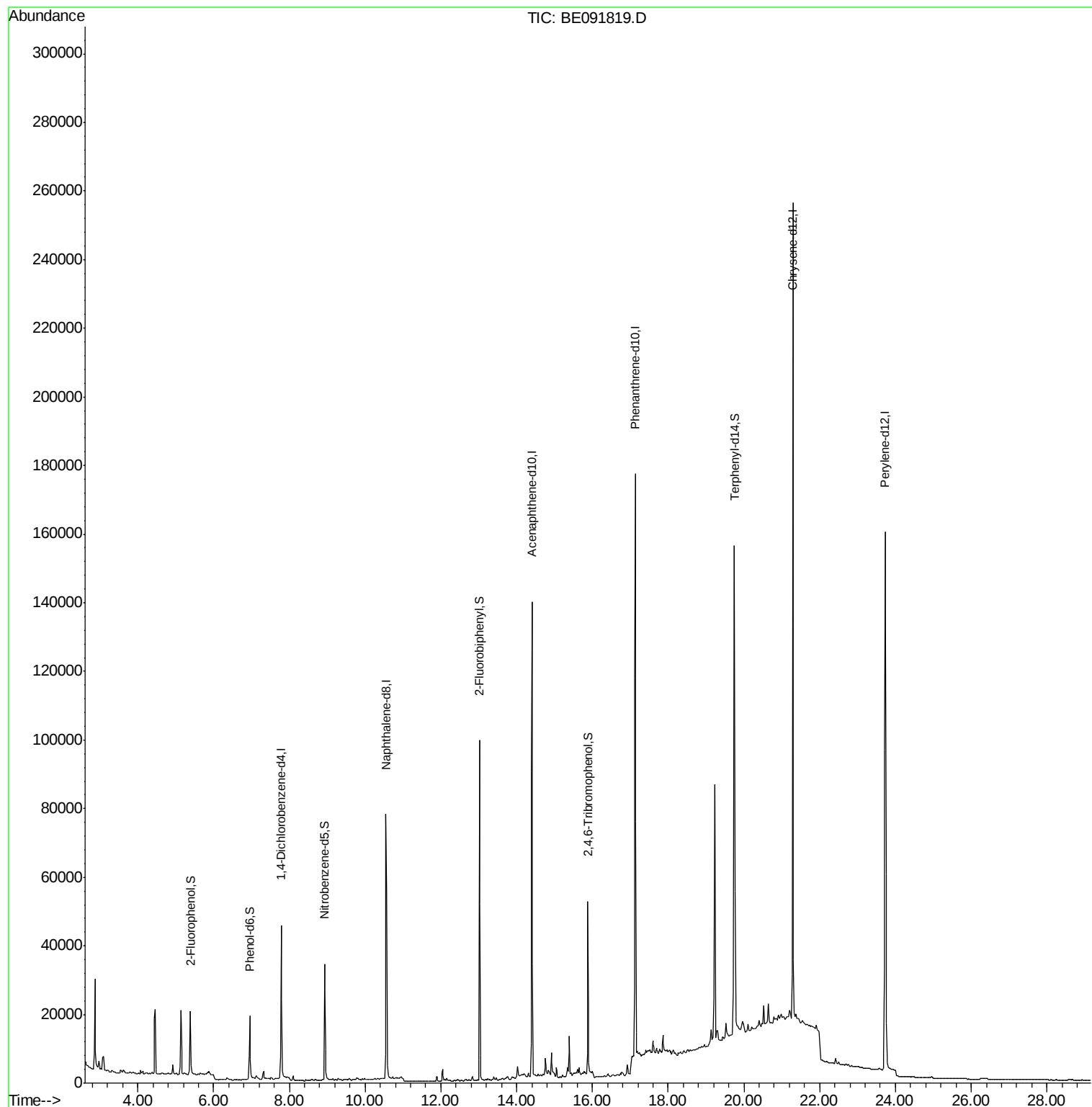
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Instrument :

BNA_E

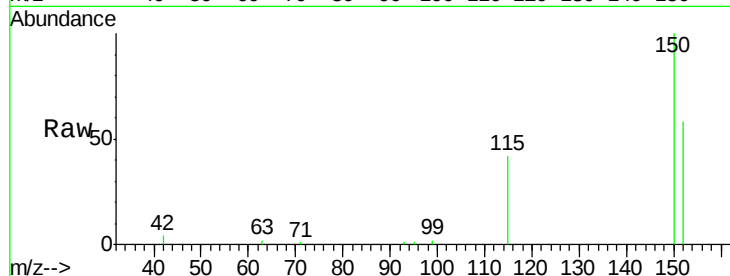
ClientSampleId :

LF016MW001-160512

Tgt Ion	Ratio	Lower	Upper
152	100		
150	172.1	122.6	183.8
115	72.6	52.8	79.2

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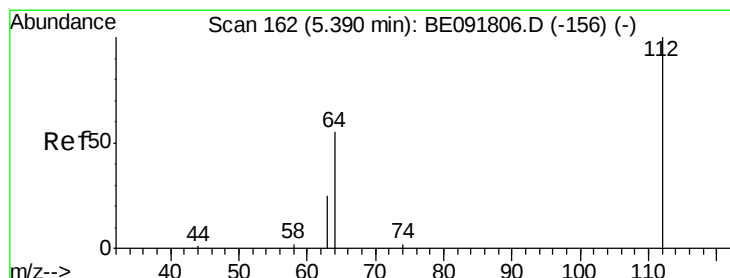
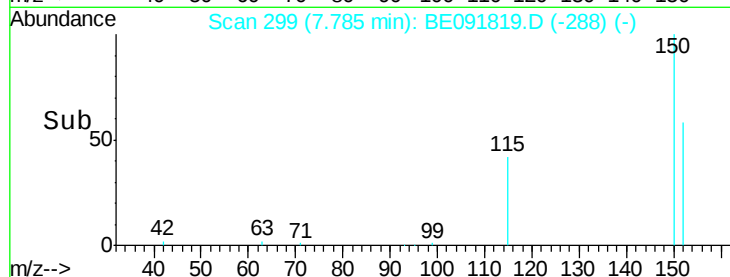
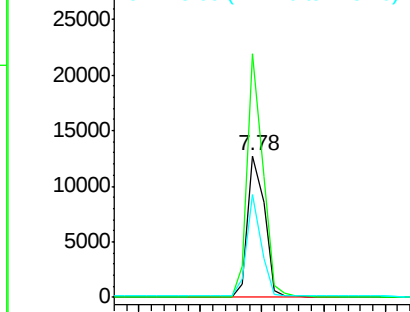


Abundance

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



#4

2-Fluorophenol

Concen: 2.94 ng

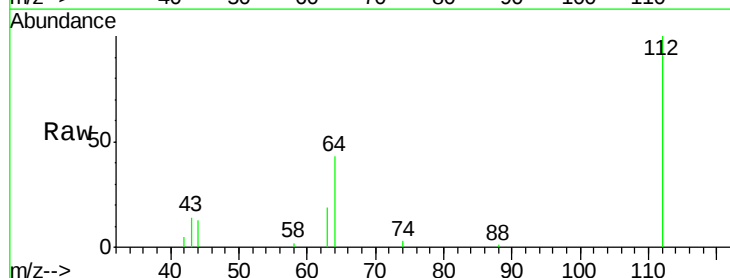
RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.3	30.9	46.3#
63	36.7	16.7	25.1#

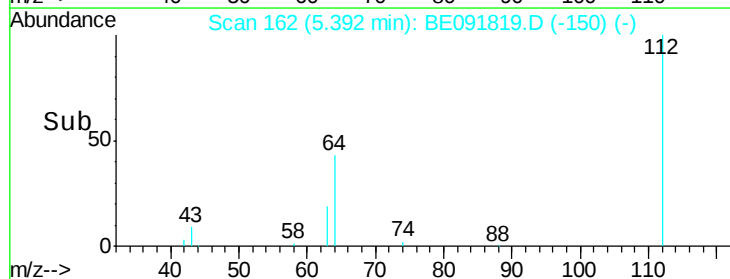
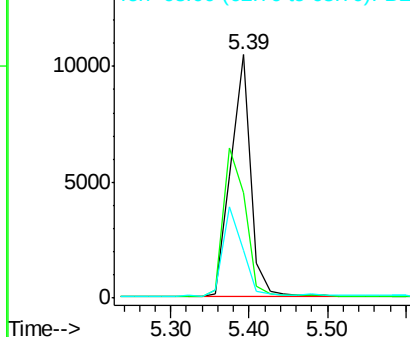


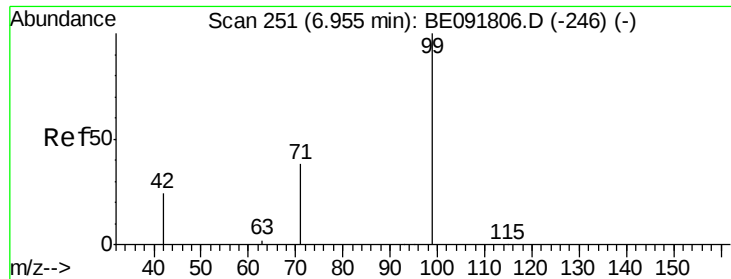
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 2.46 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Instrument :

BNA_E

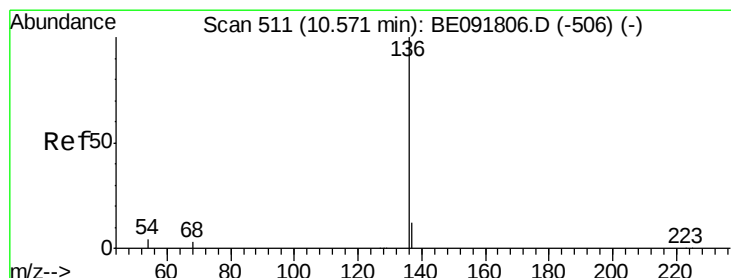
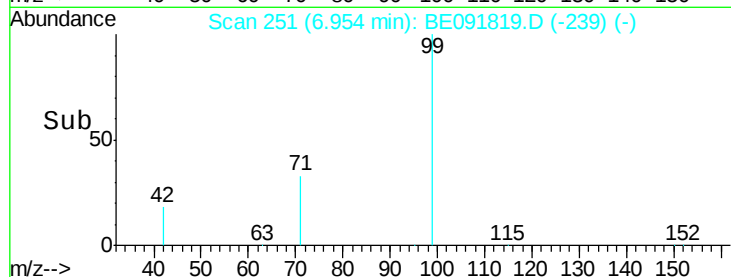
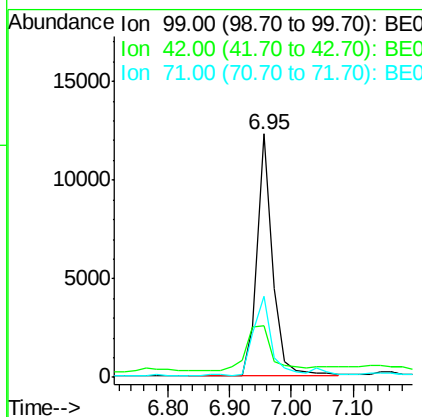
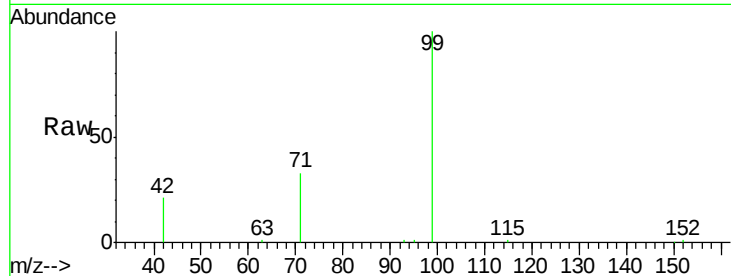
ClientSampleId :

LF016MW001-160512

Tgt Ion:	99	Resp:	21735
Ion Ratio	Lower	Upper	
99	100		
42	30.7	16.2	24.2#
71	37.5	29.0	43.4

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#7

Naphthalene-d8

Concen: 5.00 ng

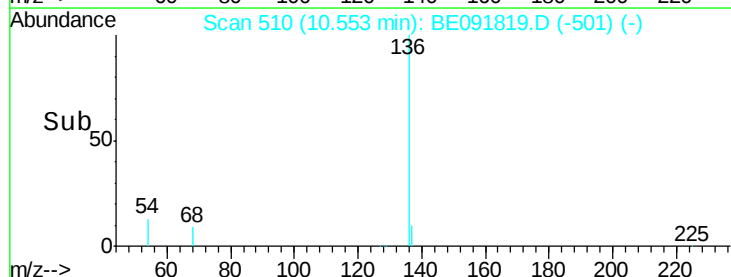
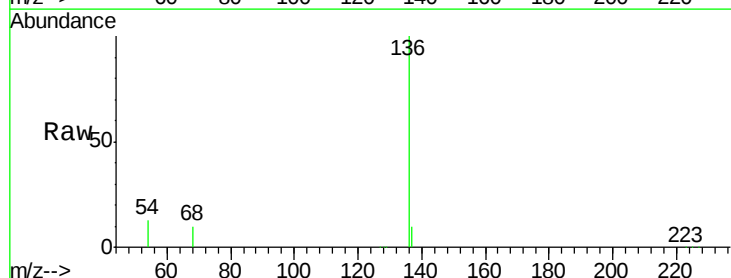
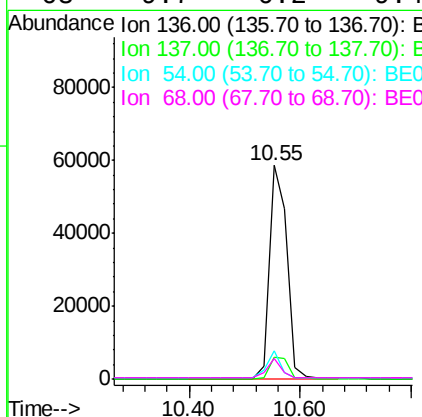
RT: 10.55 min Scan# 510

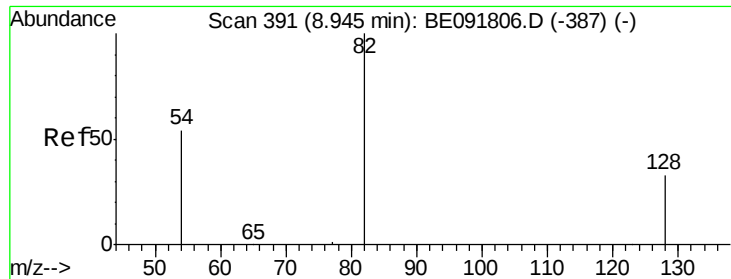
Delta R.T. -0.02 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Tgt Ion:	136	Resp:	129921
Ion Ratio	Lower	Upper	
136	100		
137	10.0	8.9	13.3
54	13.3	8.2	12.4#
68	9.7	6.2	9.4#





#8

Nitrobenzene-d5

Concen: 3.87 ng

RT: 8.93 min Scan# 390

Delta R.T. -0.01 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Instrument :

BNA_E

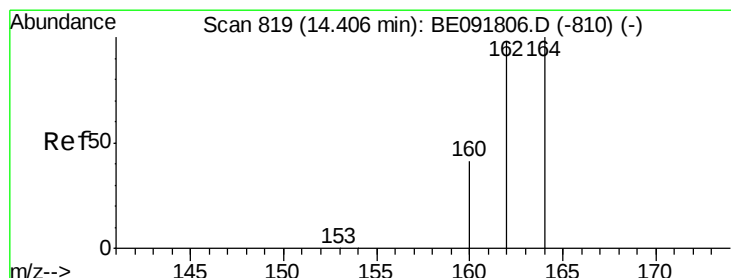
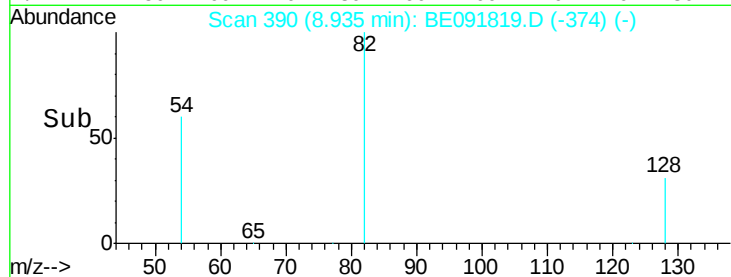
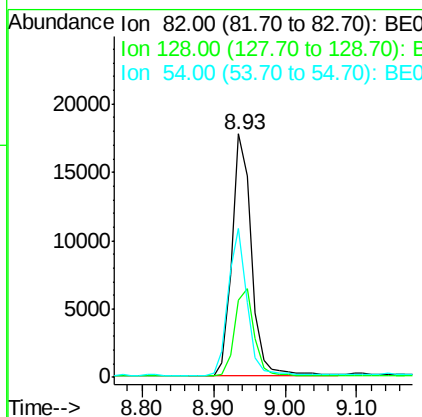
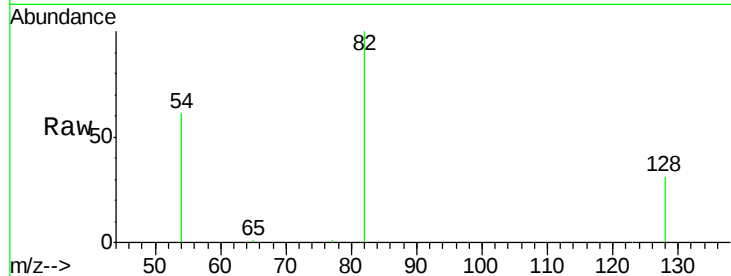
ClientSampleId :

LF016MW001-160512

Tgt Ion:	82	Resp:	33296
Ion Ratio	Lower	Upper	
82	100		
128	31.5	25.4	38.0
54	60.9	48.4	72.6

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#13

Acenaphthene-d10

Concen: 5.00 ng

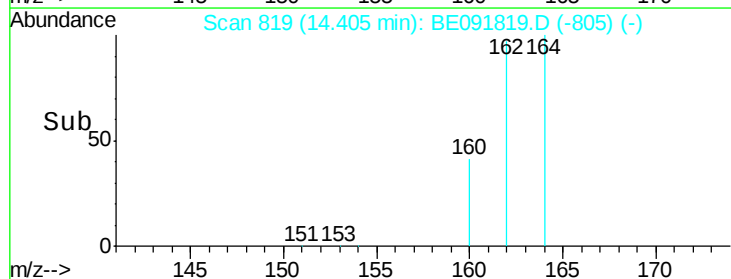
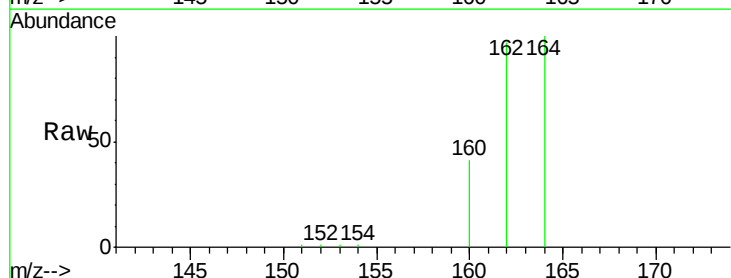
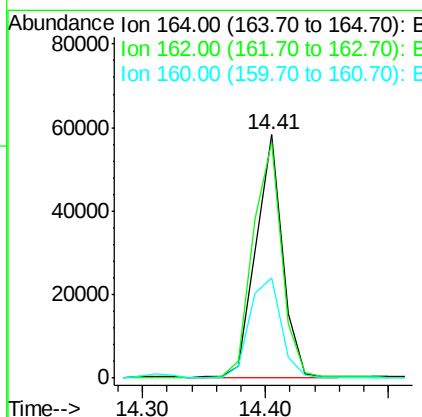
RT: 14.41 min Scan# 819

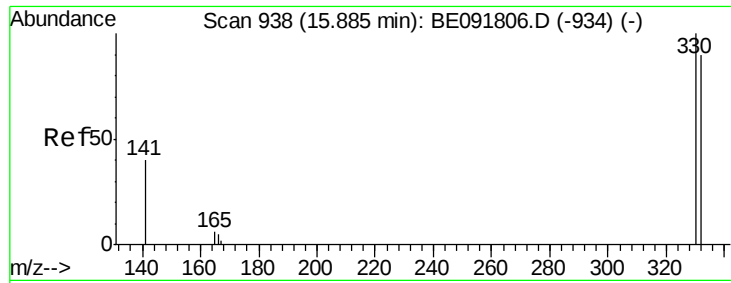
Delta R.T. -0.01 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Tgt Ion:	164	Resp:	87015
Ion Ratio	Lower	Upper	
164	100		
162	96.8	85.3	127.9
160	41.1	46.2	69.2#





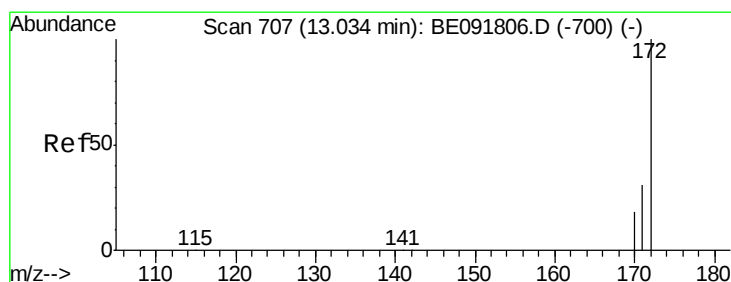
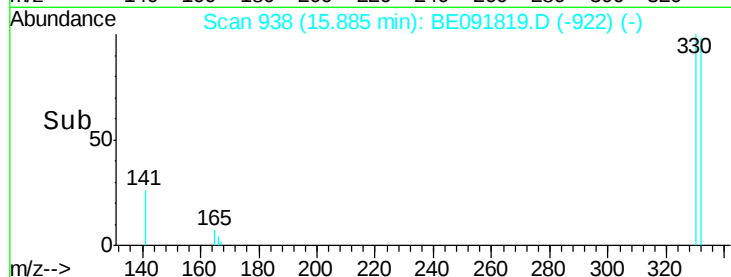
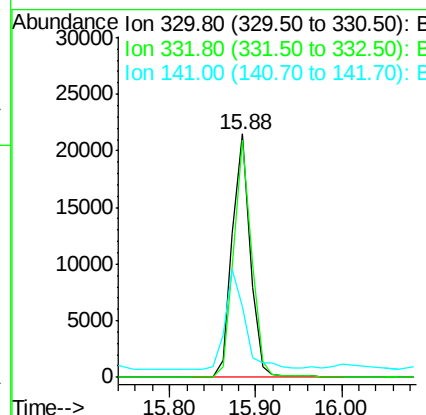
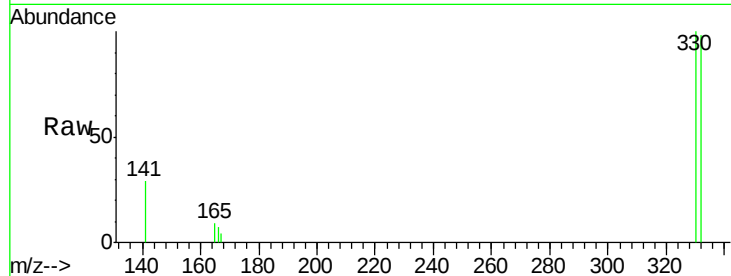
#14
 2,4,6-Tribromophenol
 Concen: 9.27 ng
 RT: 15.88 min Scan# 938
 Delta R.T. -0.01 min
 Lab File: BE091819.D
 Acq: 19 May 2016 20:45

Instrument :
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 ClientSampleId :
 LF016MW001-160512

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.1	118.7
141	45.3	125.4	188.0#

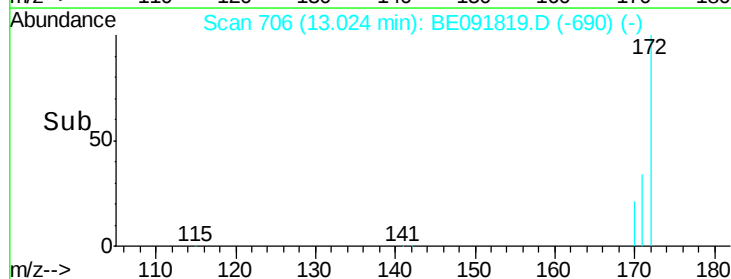
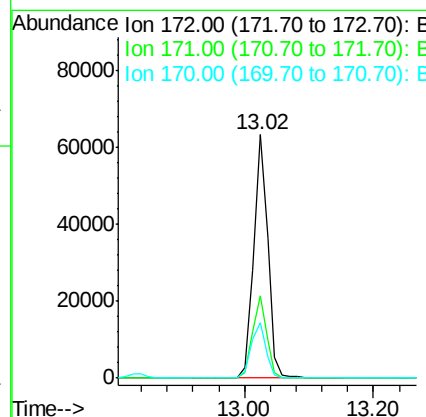
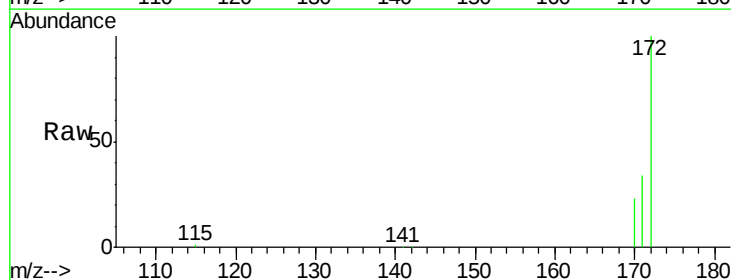
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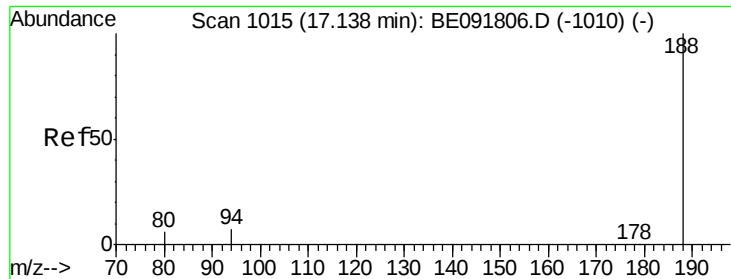
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#15
 2-Fluorobiphenyl
 Concen: 3.88 ng
 RT: 13.02 min Scan# 706
 Delta R.T. -0.01 min
 Lab File: BE091819.D
 Acq: 19 May 2016 20:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	28.8	43.2
170	22.6	19.3	28.9





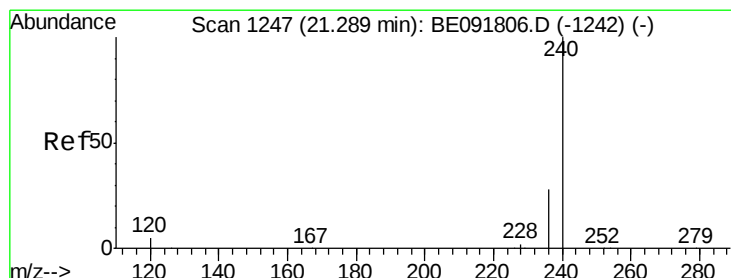
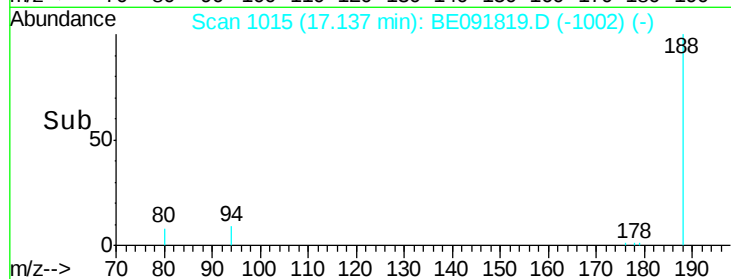
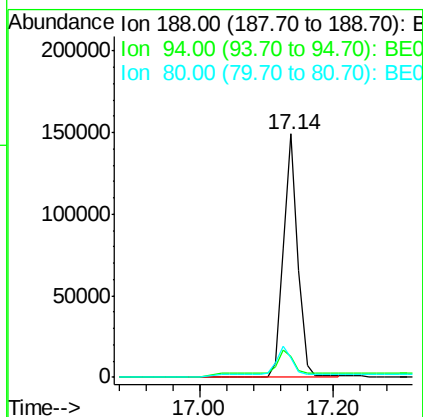
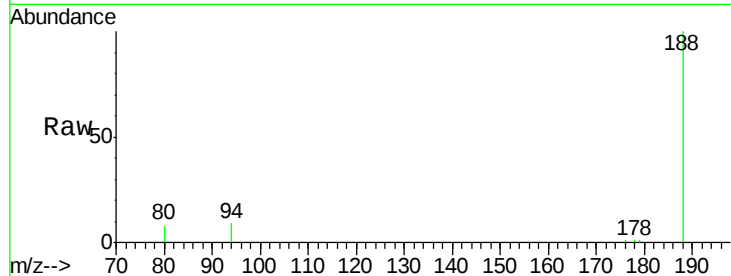
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091819.D
Acq: 19 May 2016 20:45

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.8	8.7	13.1
80	7.8	9.4	14.0

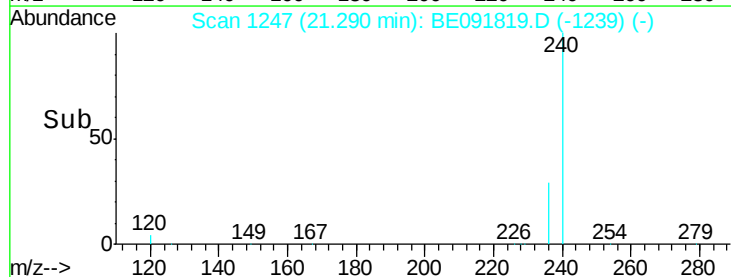
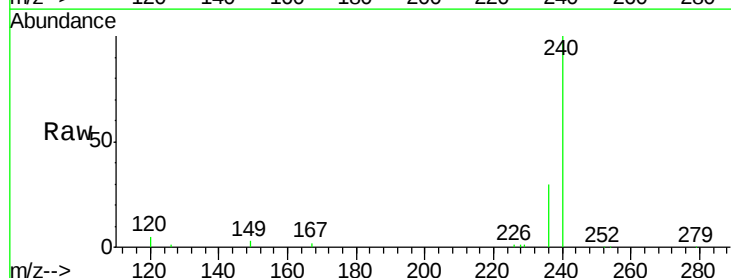
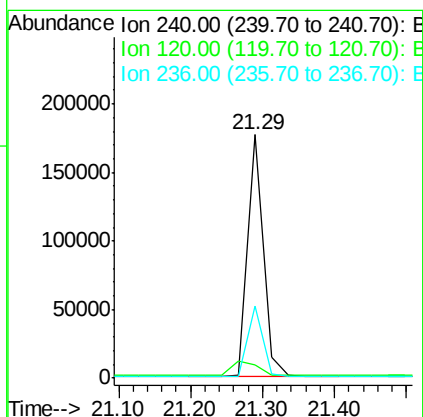
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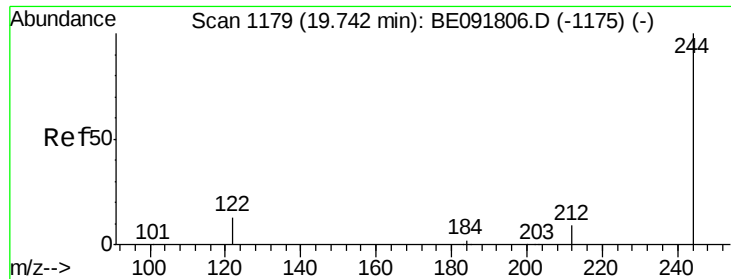
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#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BE091819.D
Acq: 19 May 2016 20:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	5.5	11.0	16.4
236	29.5	21.7	32.5





#29

Terphenyl-d14

Concen: 4.71 ng

RT: 19.74 min Scan# 1179

Delta R.T. -0.02 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Instrument :

BNA_E

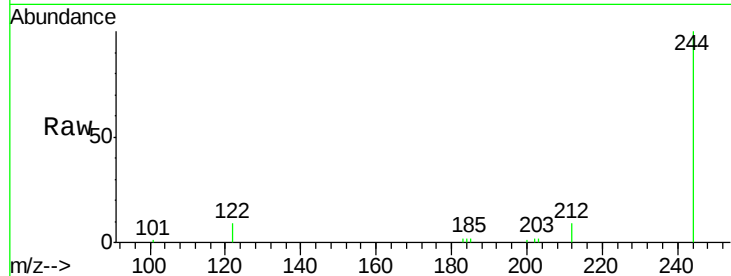
ClientSampleId :

LF016MW001-160512

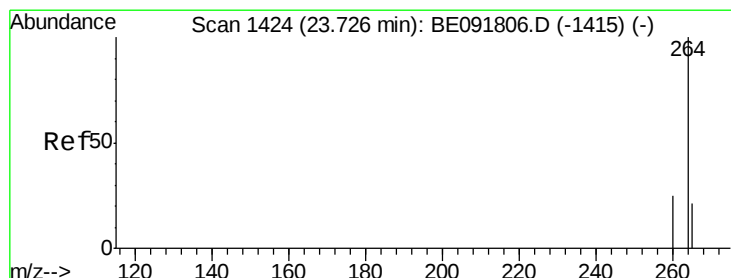
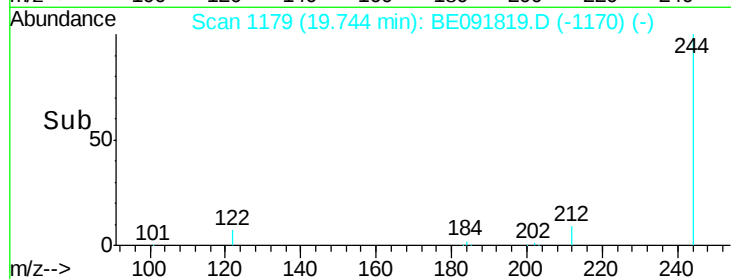
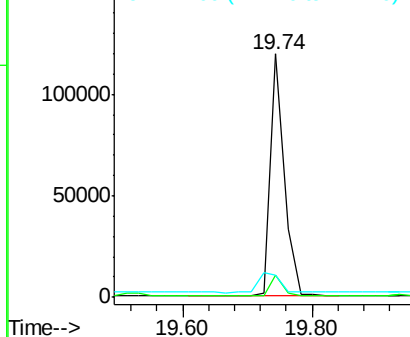
Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	9.4	6.9	10.3
122	9.3	11.0	16.4

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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



#35

Perylene-d12

Concen: 5.00 ng

RT: 23.73 min Scan# 1424

Delta R.T. -0.02 min

Lab File: BE091819.D

Acq: 19 May 2016 20:45

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.9	20.0	30.0
265	22.1	17.5	26.3

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

