

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
 Data File : BE098928.D
 Acq On : 14 Mar 2019 2:31
 Operator : JU/SJ
 Sample : K1856-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW07-20190311

Manual Integrations
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Sohil
 3/14/2019 11:09:29 AM

Quant Time: Mar 14 09:52:03 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	802	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3680	0.40	ng	0.01
13) Acenaphthene-d10	14.46	164	2601	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	6390	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7682	0.40	ng	-0.01
34) Perylene-d12	23.89	264	7687	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.41	112	321	0.13	ng	0.02
5) Phenol-d6	7.08	99	179m	0.05	ng	0.09
8) Nitrobenzene-d5	9.02	82	1007	0.26	ng	0.05
11) 2-Methylnaphthalene-d10	12.21	152	1988	0.29	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	433	0.33	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4050	0.38	ng	0.00
25) Fluoranthene-d10	19.24	212	30599	0.30	ng	0.00
29) Terphenyl-d14	19.84	244	7834	0.42	ng	0.00
Target Compounds						
23) Phenanthrene	17.25	178	669	0.037	ng	Qvalue # 95
26) Fluoranthene	19.27	202	1740	0.068	ng	# 99
28) Pyrene	19.64	202	1457	0.062	ng	# 97
30) Benzo(a)anthracene	21.38	228	608	0.025	ng	# 72
31) Chrysene	21.44	228	958	0.037	ng	# 83
32) Bis(2-ethylhexyl)phthalate	21.29	149	2522	0.049	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.54	276	580	0.021	ng	# 73
35) Benzo(b)fluoranthene	23.14	252	1238	0.049	ng	# 46
36) Benzo(k)fluoranthene	23.18	252	545m	0.021	ng	
37) Benzo(a)pyrene	23.79	252	658	0.027	ng	# 13
39) Benzo(a,h,i)perylene	27.34	276	589	0.025	ng	# 60

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

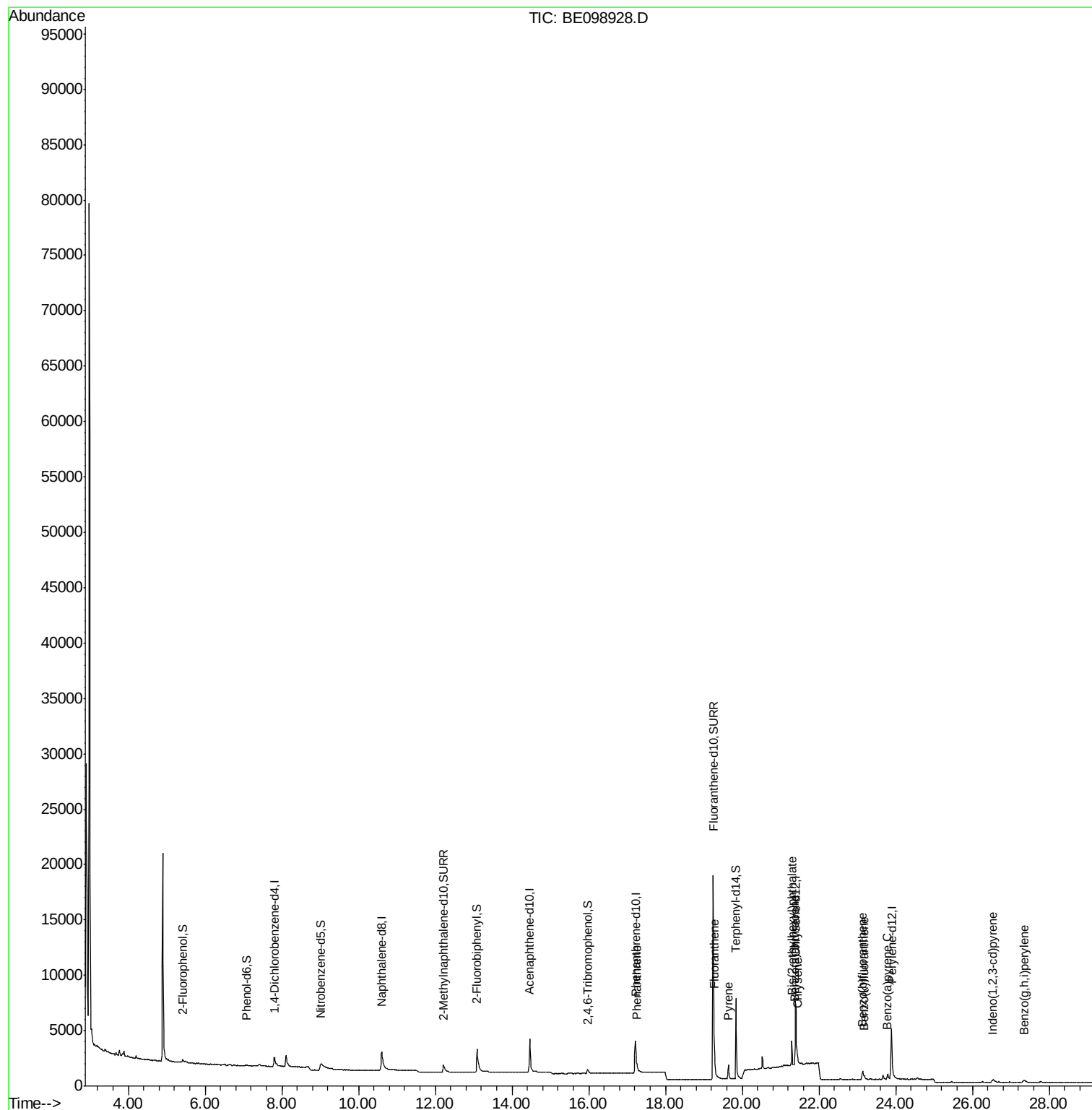
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031319\
Data File : BE098928.D
Acq On : 14 Mar 2019 2:31
Operator : JU/SJ
Sample : K1856-10
Misc :
ALS Vial : 19 Sample Multiplier: 1

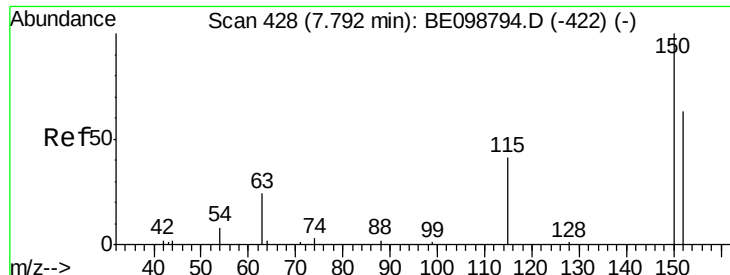
Instrument :
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ClientSampleId :
BP-TT-AOC22-MW07-20190311

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

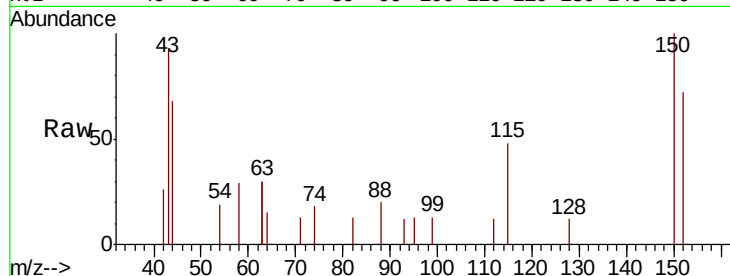
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW07-20190311

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.9	122.5	183.7
115	67.0	57.4	86.2

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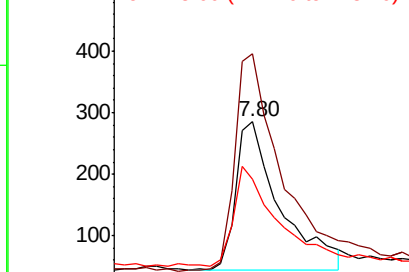


Abundance

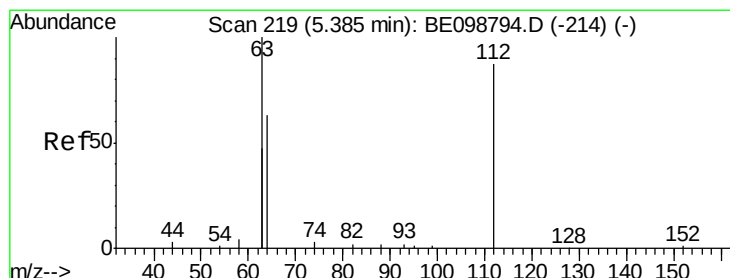
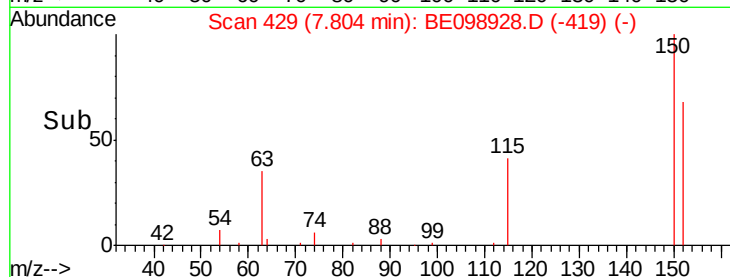
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



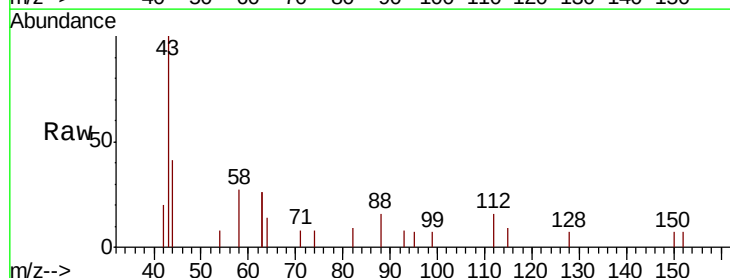
Time-->



#4

2-Fluorophenol
Concen: 0.134 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.02 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	81.3	57.9	86.9
63	197.2	158.3	237.5

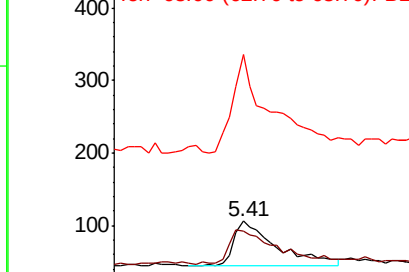


Abundance

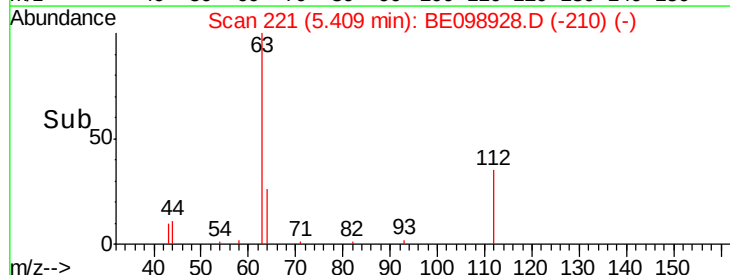
Ion 112.00 (111.70 to 112.70): E

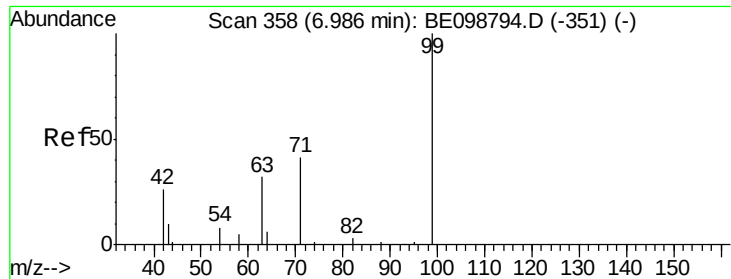
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



Time-->





#5

Phenol-d6

Concen: 0.053 ng/ml

RT: 7.08 min Scan# 366

Delta R.T. 0.09 min

Lab File: BE098928.D

Acq: 14 Mar 2019 2:31

Instrument :

BNA_E

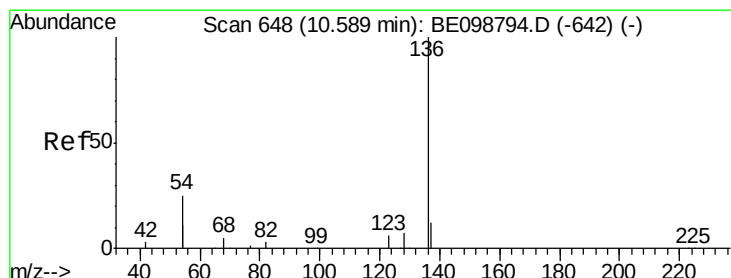
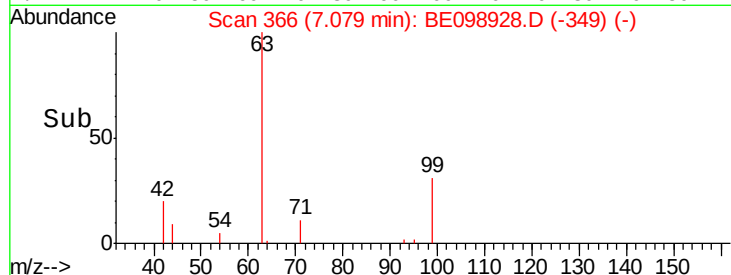
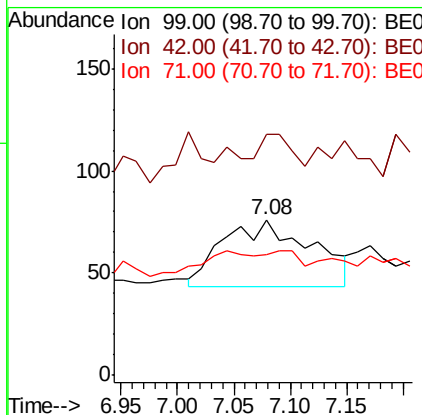
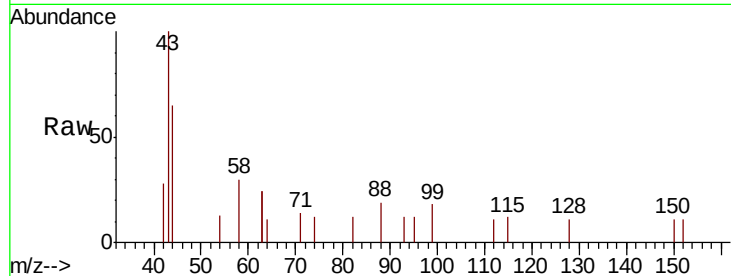
ClientSampleId :

BP-TT-AOC22-MW07-20190311

Tot Ion:	99	Resp:	179
Ion	Ratio	Lower	Upper
99	100		
42	11.7	24.2	36.2#
71	6.7	35.7	53.5#

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#7

Naphthalene-d8

Concen: 0.400 ng/ml

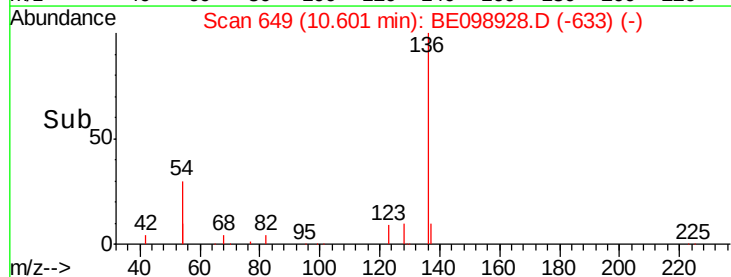
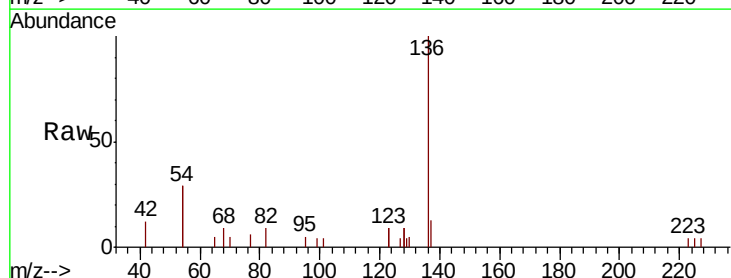
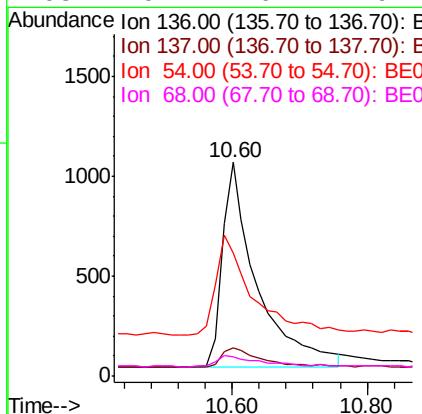
RT: 10.60 min Scan# 649

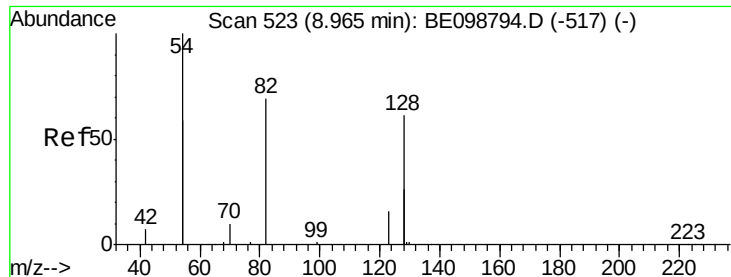
Delta R.T. 0.01 min

Lab File: BE098928.D

Acq: 14 Mar 2019 2:31

Tgt Ion:	136	Resp:	3680
Ion	Ratio	Lower	Upper
136	100		
137	13.5	11.4	17.0
54	57.6	39.3	58.9
68	9.1	6.7	10.1





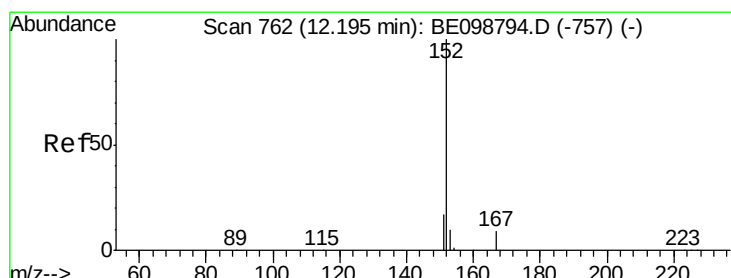
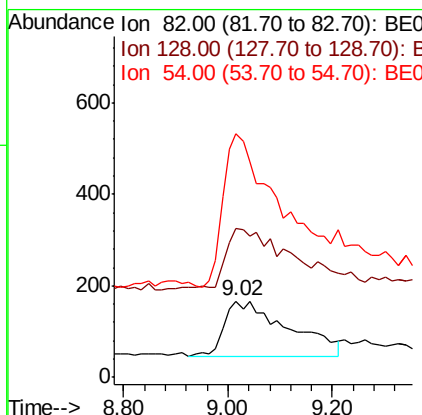
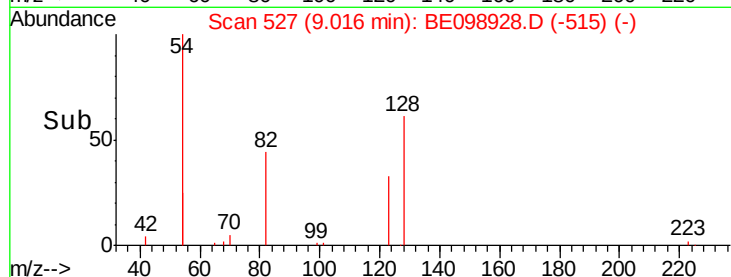
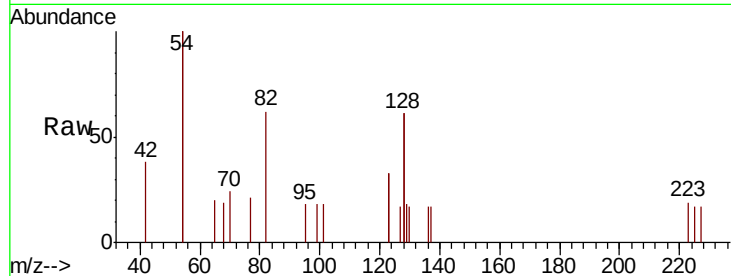
#8
 Nitrobenzene-d5
 Concen: 0.261 ng
 RT: 9.02 min Scan# 527
 Delta R.T. 0.05 min
 Lab File: BE098928.D
 Acq: 14 Mar 2019 2:31

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW07-20190311

Tot Ion	82.00	Resp	1007
Ion Ratio	Lower	Upper	
82	100		
128	196.4	123.8	185.8#
54	320.5	203.4	305.2#

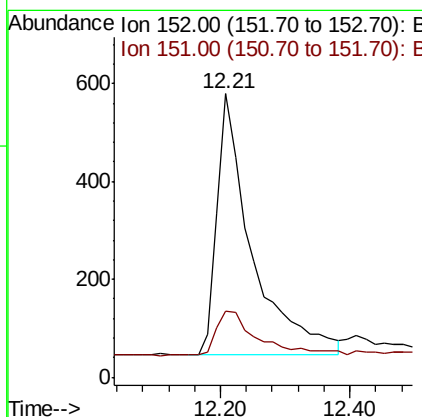
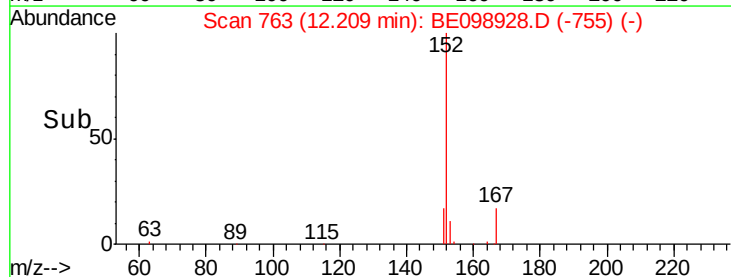
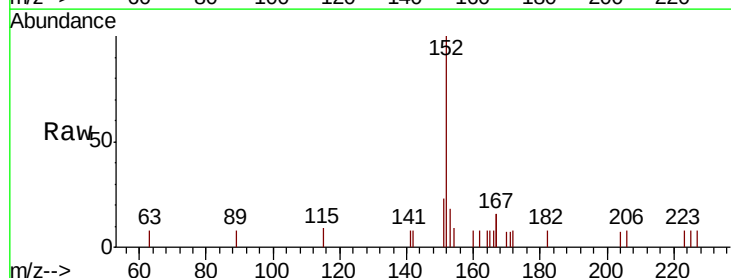
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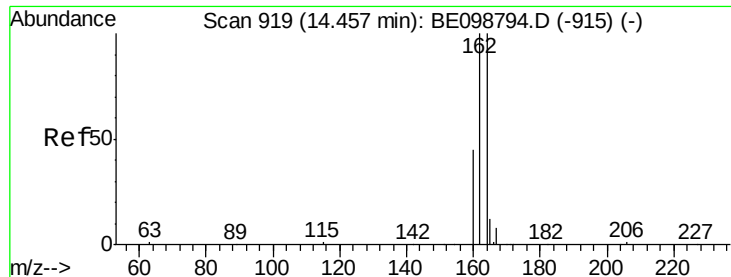
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#11
 2-Methylnaphthalene-d10
 Concen: 0.292 ng
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE098928.D
 Acq: 14 Mar 2019 2:31

Tgt Ion	152.00	Resp	1988
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.5	24.7





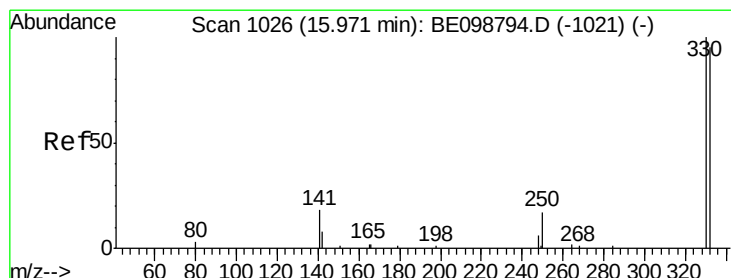
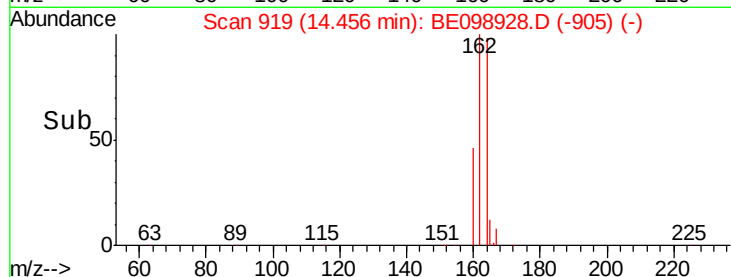
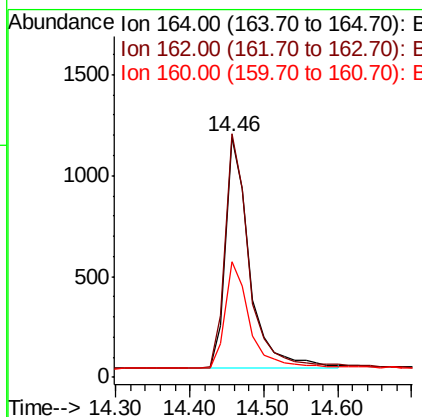
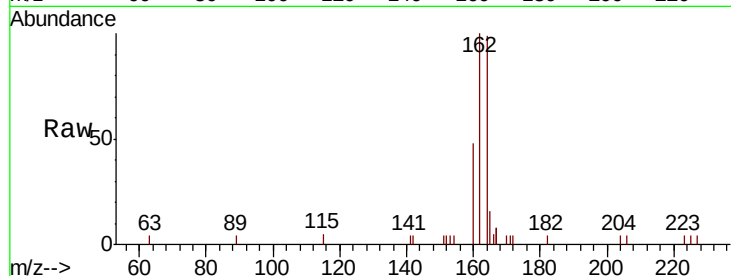
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW07-20190311

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.2	120.2
160	48.2	37.8	56.8

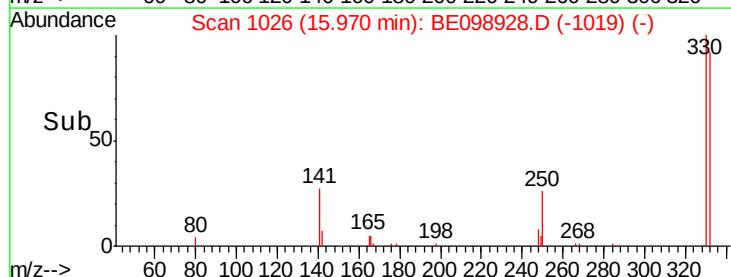
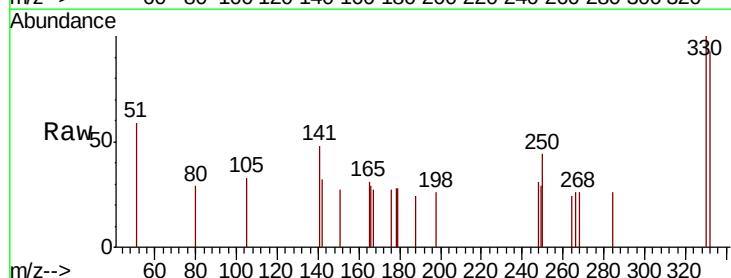
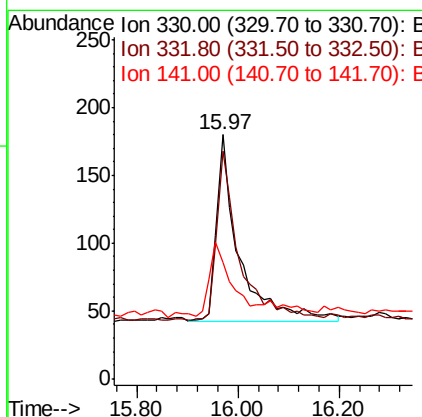
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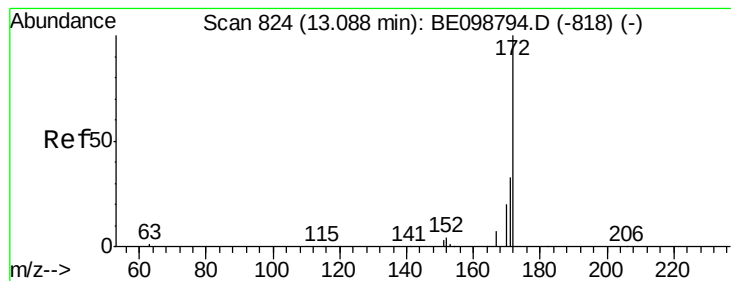
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#14
2,4,6-Tribromophenol
Concen: 0.330 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	89.8	77.6	116.4
141	37.6	31.0	46.4





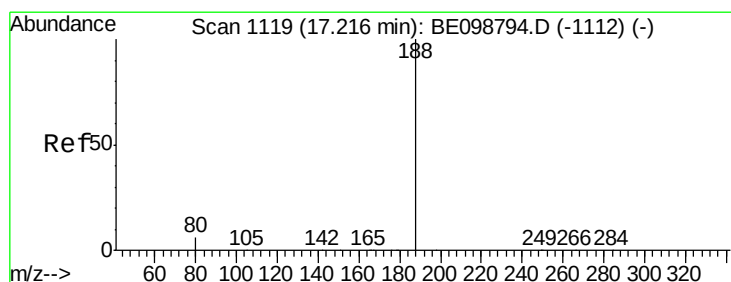
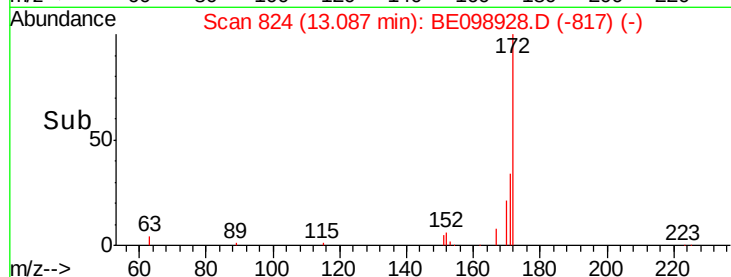
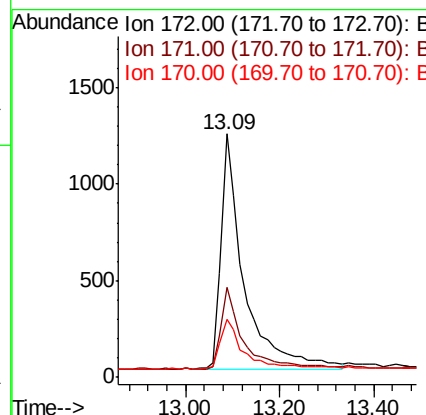
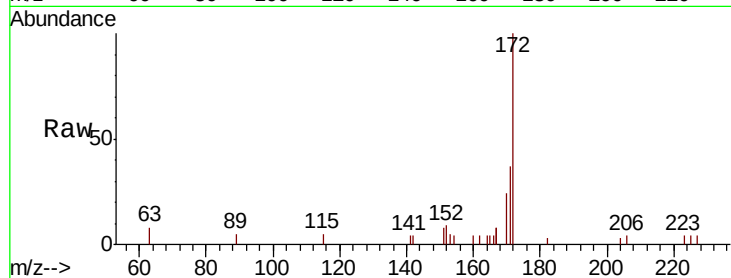
#15
2-Fluorobiphenyl
Concen: 0.376 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW07-20190311

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.0	42.0
170	23.9	17.7	26.5

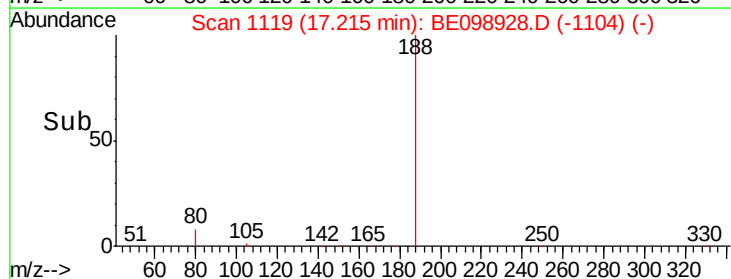
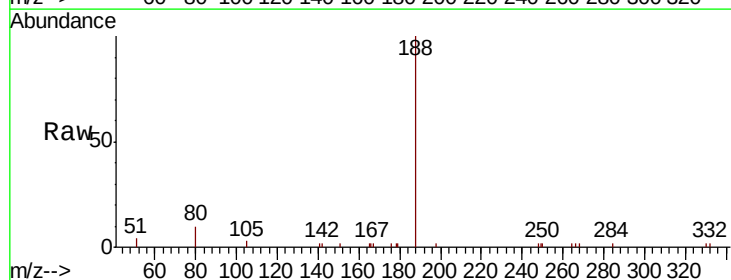
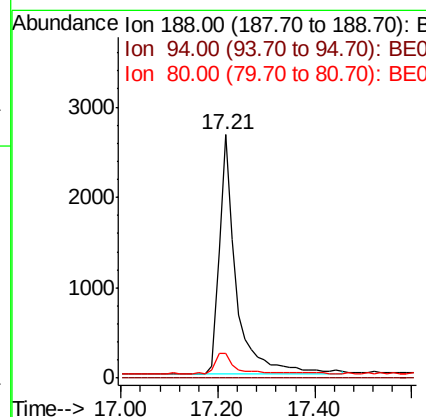
Manual Integrations
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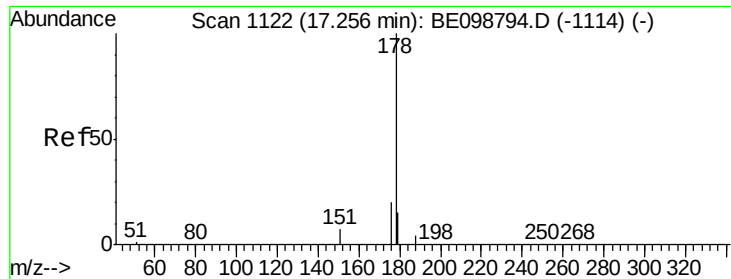
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.0	6.3	9.5





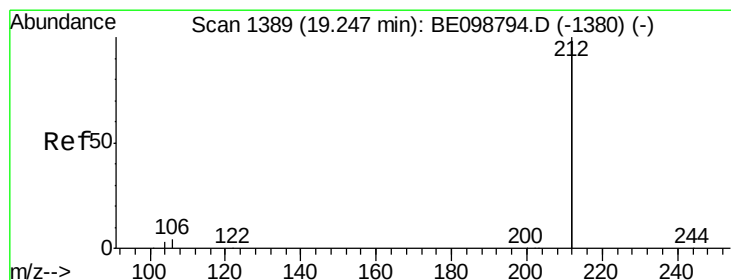
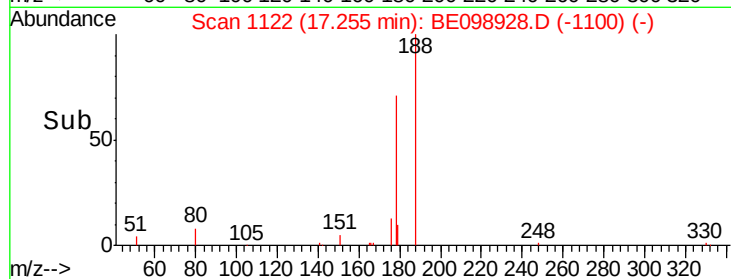
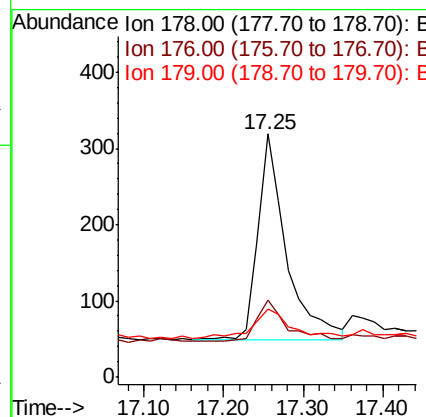
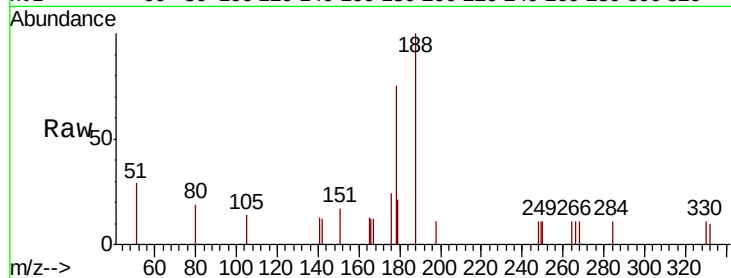
#23
Phenanthrene
Concen: 0.037 ng
RT: 17.25 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW07-20190311

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	16.0	24.0
179	19.3	12.1	18.1

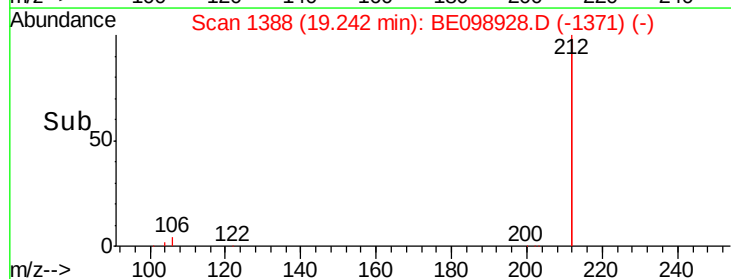
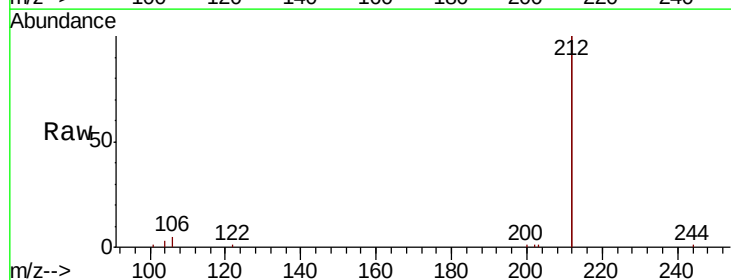
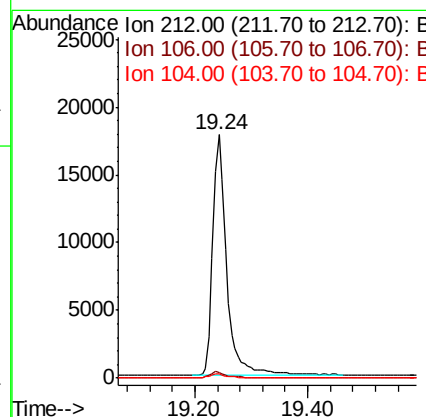
Manual Integrations
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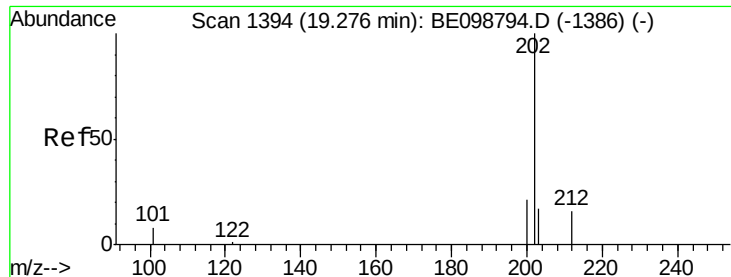
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#25
Fluoranthene-d10
Concen: 0.300 ng
RT: 19.24 min Scan# 1388
Delta R.T. -0.00 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Tgt Ion	Ratio	Lower	Upper
212	100		
106	2.3	1.8	2.8
104	1.4	1.0	1.6





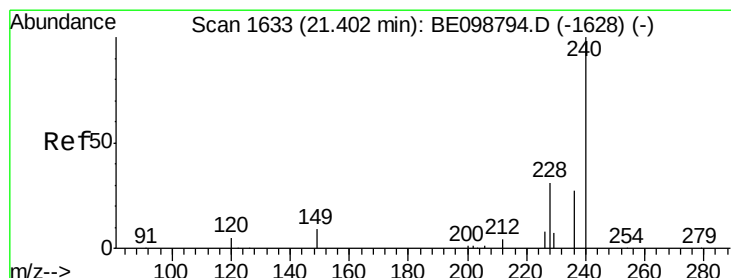
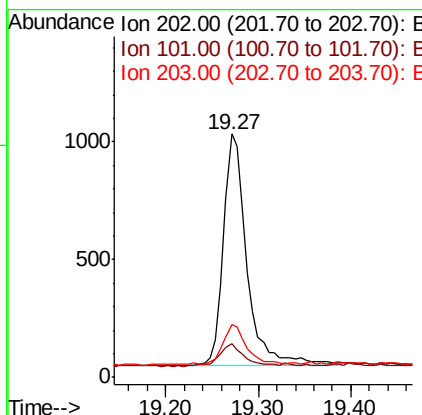
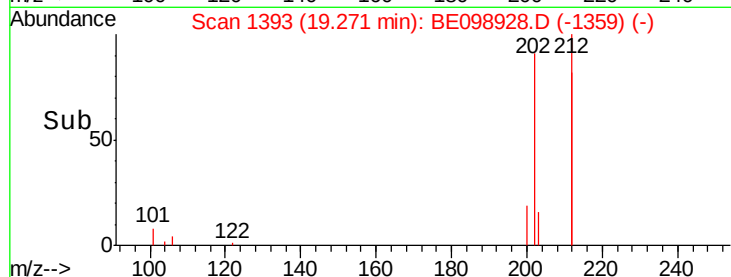
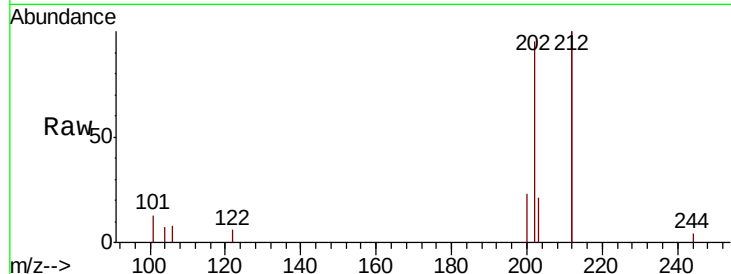
#26
Fluoranthene
Concen: 0.068 ng
RT: 19.27 min Scan# 1393
Delta R.T. -0.00 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW07-20190311

Tot Ion:	202	Resp:	1740
Ion Ratio	Lower	Upper	
202	100		
101	9.9	7.3	10.9
203	16.8	13.4	20.2

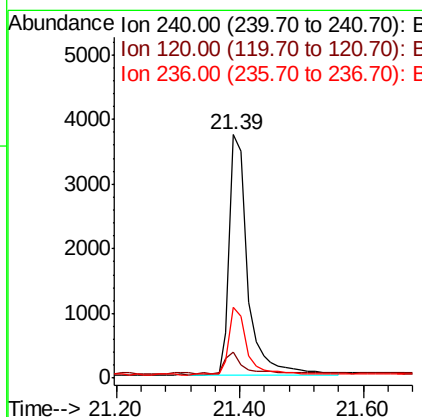
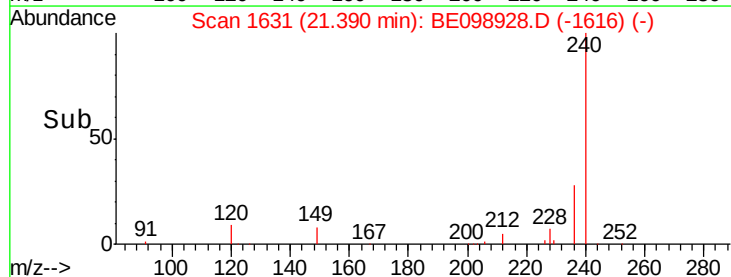
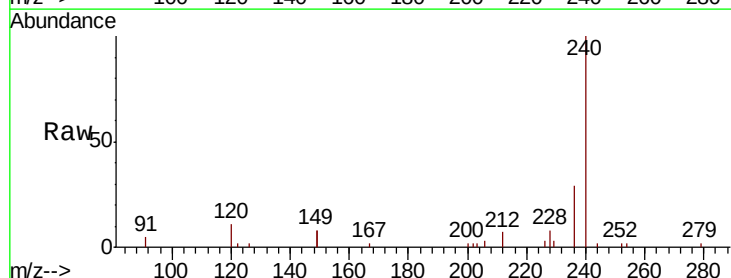
Manual Integrations
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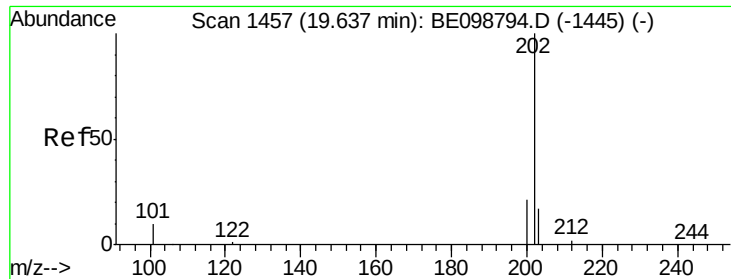
Sohil
3/14/2019 11:09:29 AM



#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Tgt Ion:	240	Resp:	7682
Ion Ratio	Lower	Upper	
240	100		
120	10.9	5.0	7.4#
236	29.2	22.7	34.1





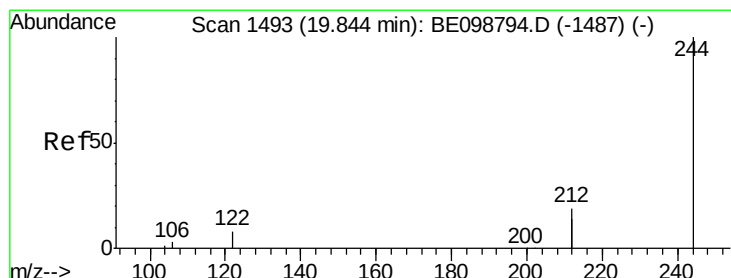
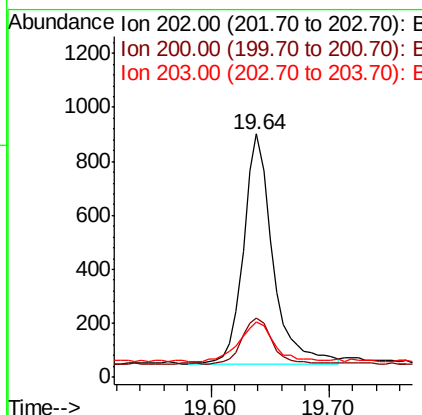
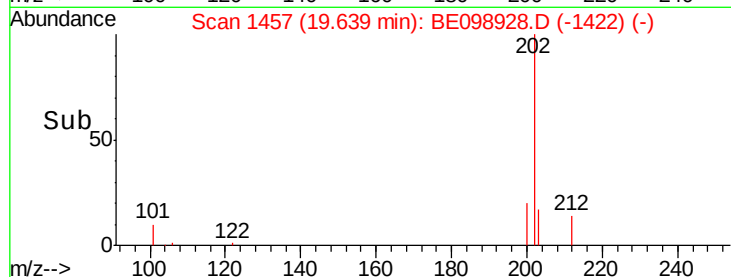
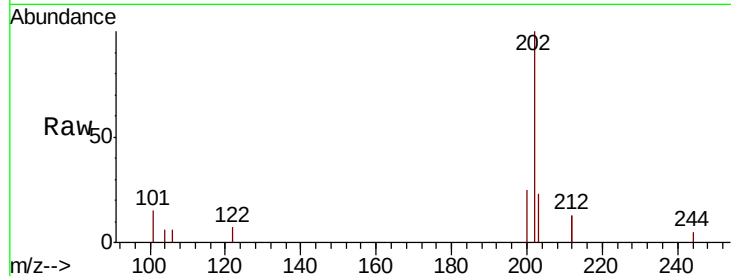
#28
Pvrene
Concen: 0.062 ng
RT: 19.64 min Scan# 1457
Delta R.T. 0.00 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW07-20190311

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	20.7	14.2	21.2

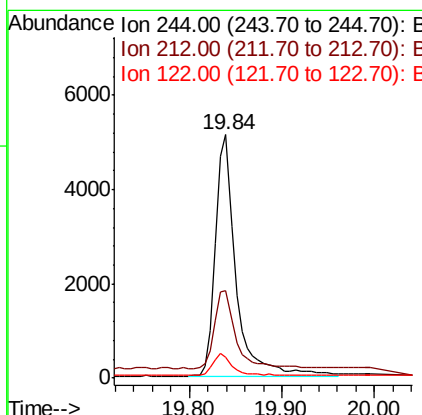
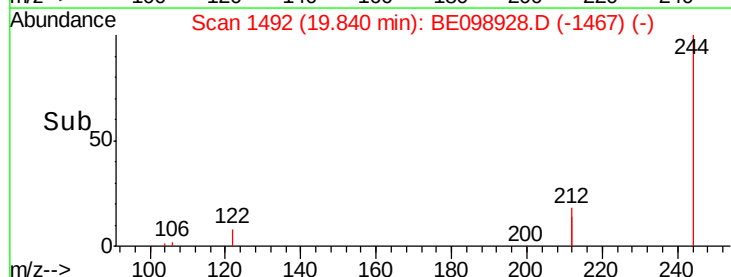
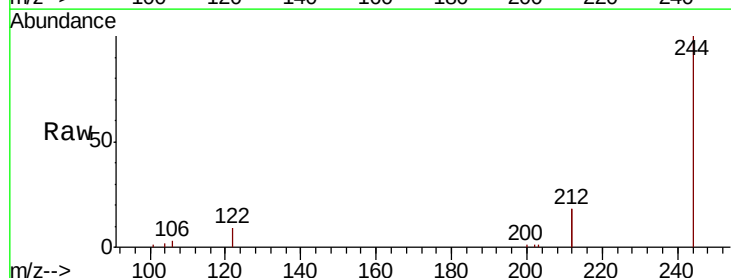
Manual Integrations
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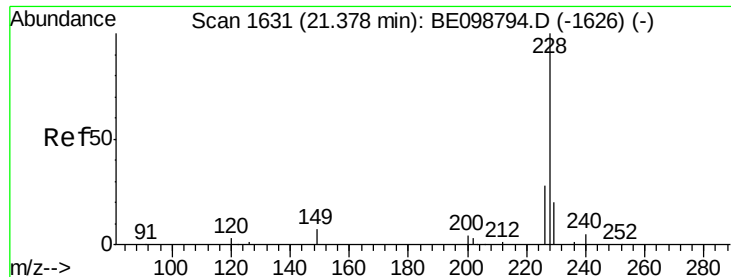
Sohil
3/14/2019 11:09:29 AM



#29
Terphenyl-d14
Concen: 0.420 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	35.8	29.4	44.2
122	8.5	7.1	10.7





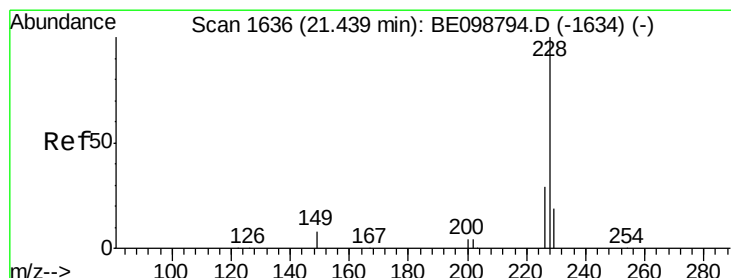
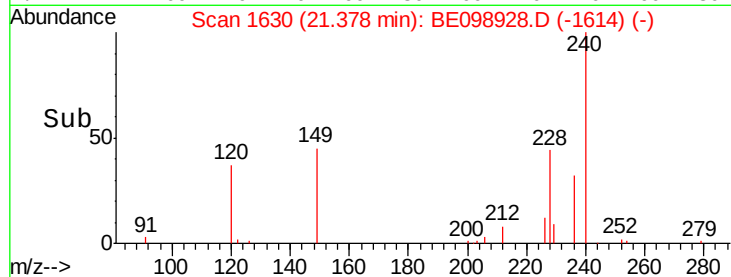
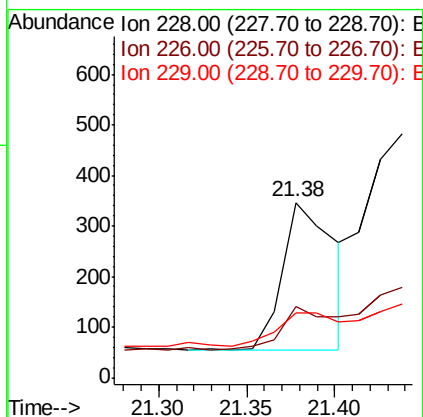
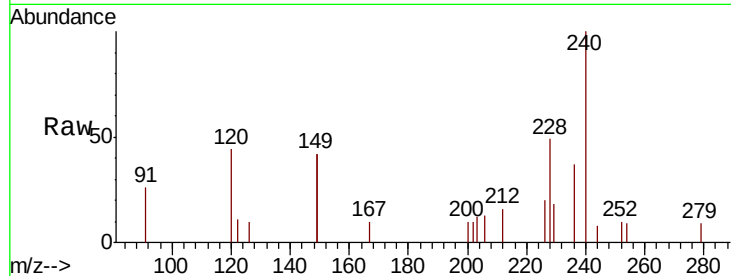
#30
Benzo(a)anthracene
Concen: 0.025 ng
RT: 21.38 min Scan# 1630
Delta R.T. -0.00 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW07-20190311

Tot Ion	Ratio	Lower	Upper
228	100		
226	40.6	23.0	34.4#
229	36.9	16.5	24.7#

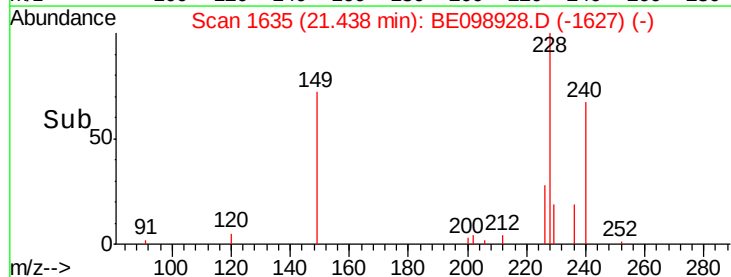
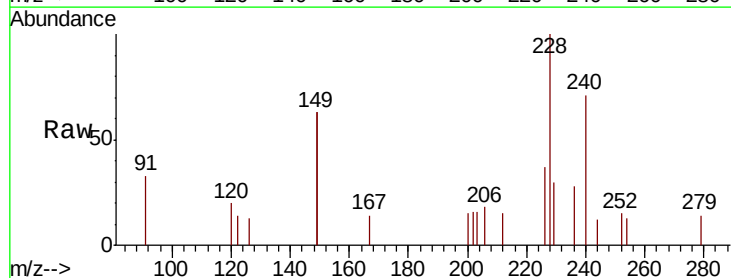
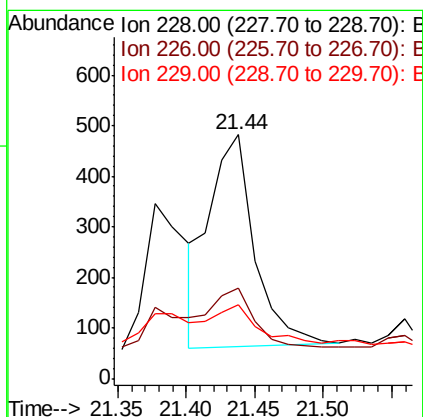
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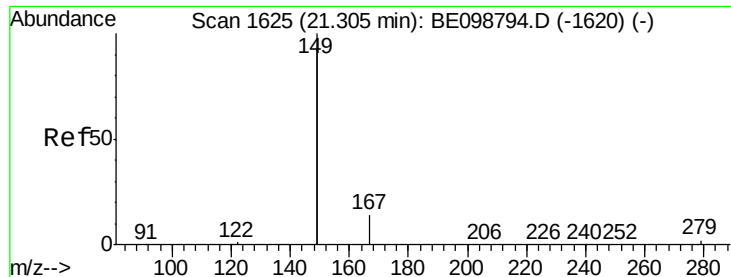
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#31
Chrysene
Concen: 0.037 ng
RT: 21.44 min Scan# 1635
Delta R.T. -0.00 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.1	23.7	35.5#
229	30.3	16.1	24.1#





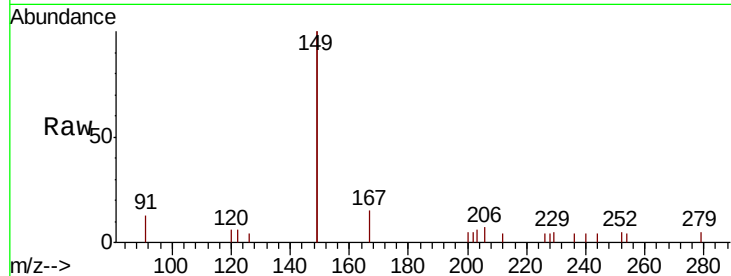
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.049 ng
RT: 21.29 min Scan# 1623
Delta R.T. -0.01 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW07-20190311

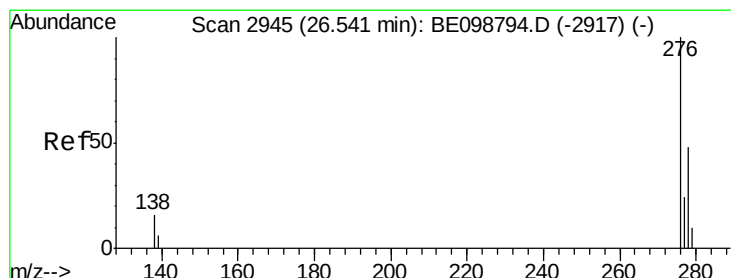
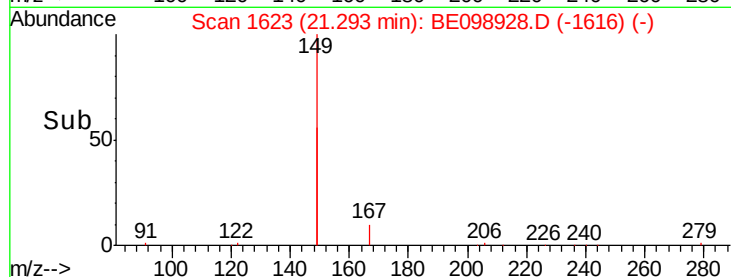
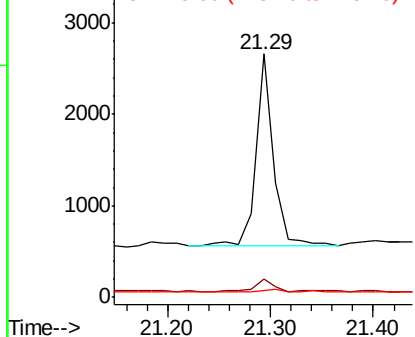
Tot Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.4	8.0
279	1.7	1.0	1.4

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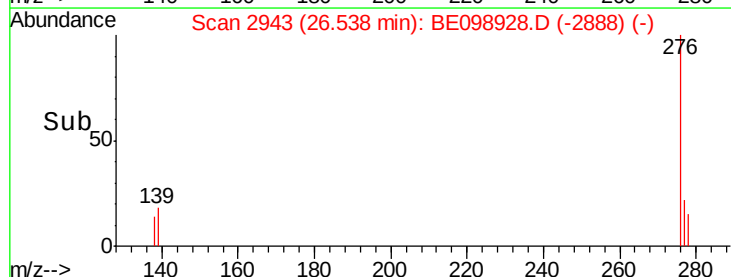
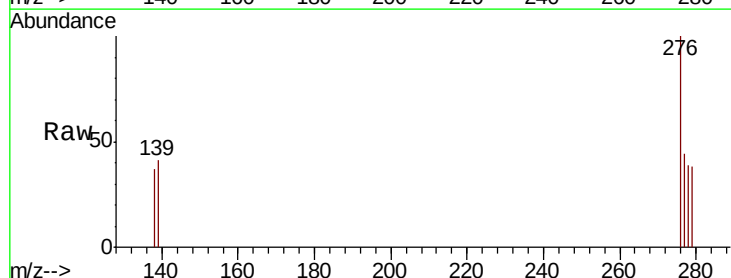
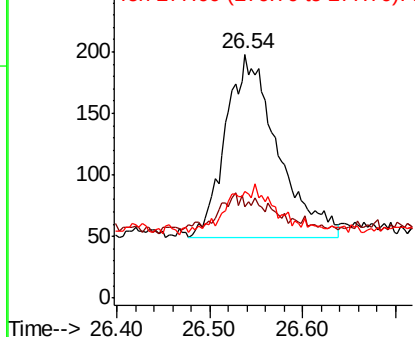
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

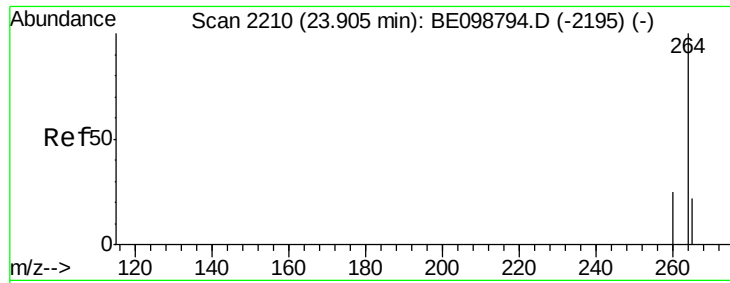


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng
RT: 26.54 min Scan# 2943
Delta R.T. -0.00 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.1	13.8	20.8
277	7.8	19.5	29.3

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





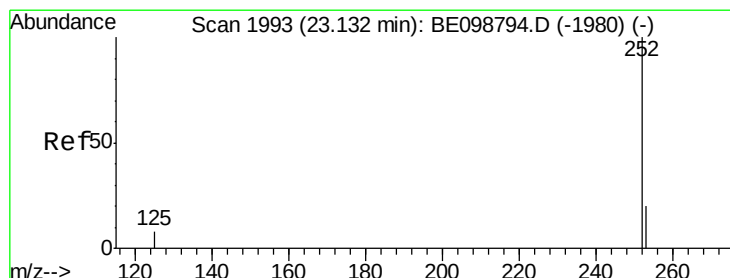
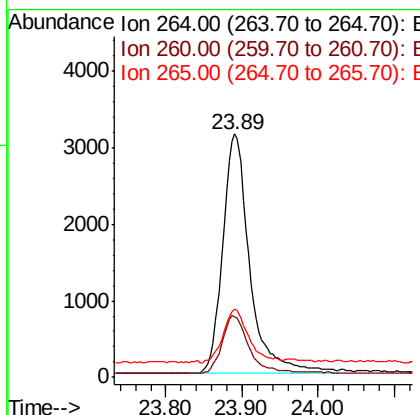
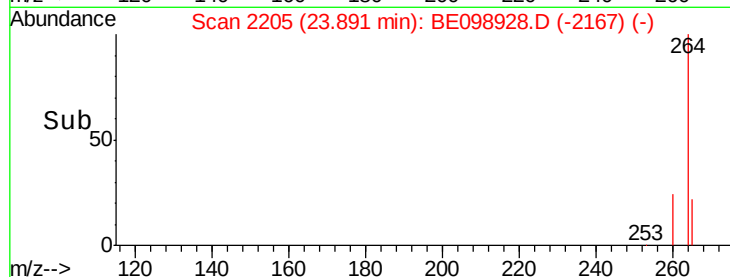
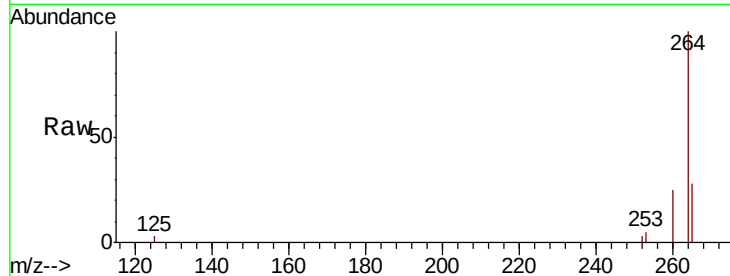
#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW07-20190311

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	21.2	31.8
265	27.9	24.6	36.8

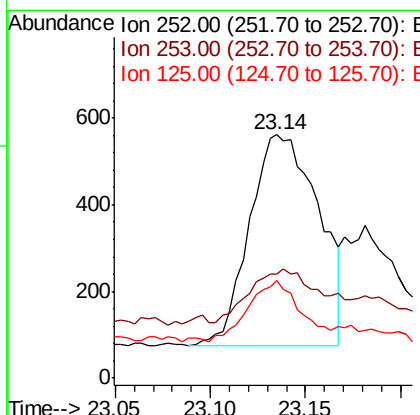
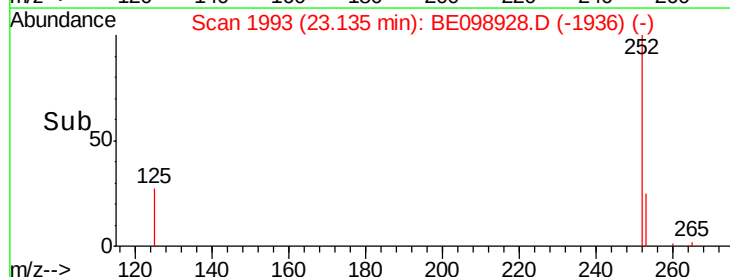
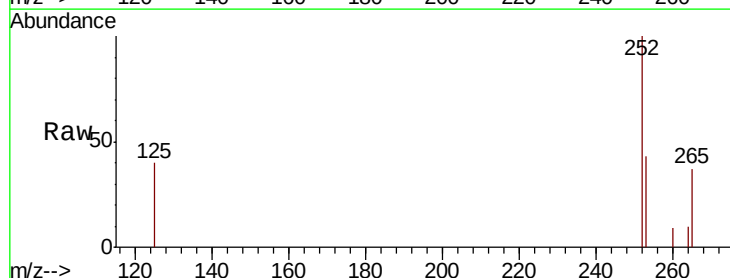
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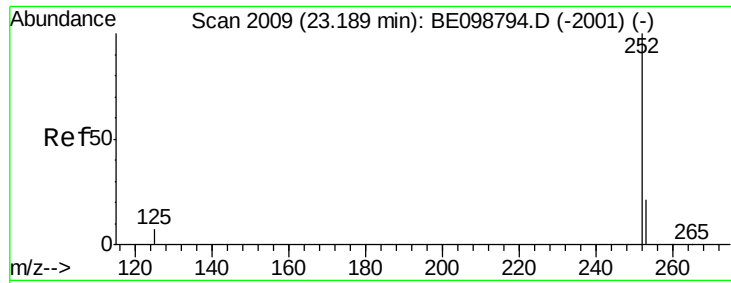
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#35
Benzo(b)fluoranthene
Concen: 0.049 ng
RT: 23.14 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.7	18.2	27.2#
125	39.9	7.3	10.9#





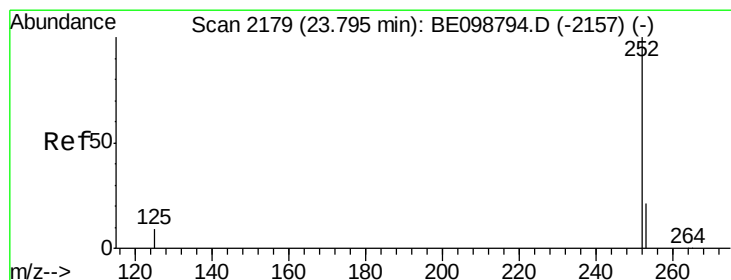
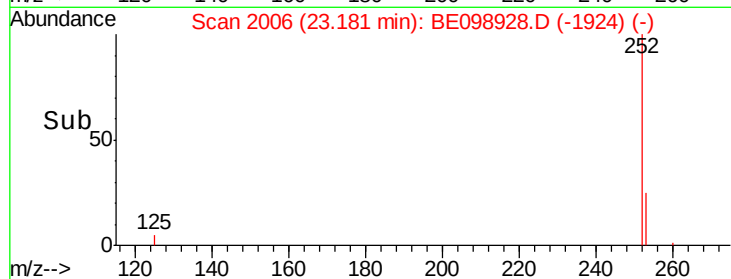
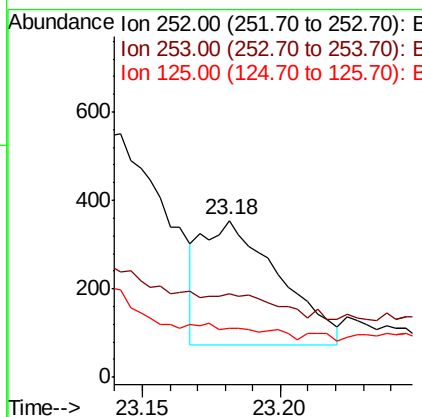
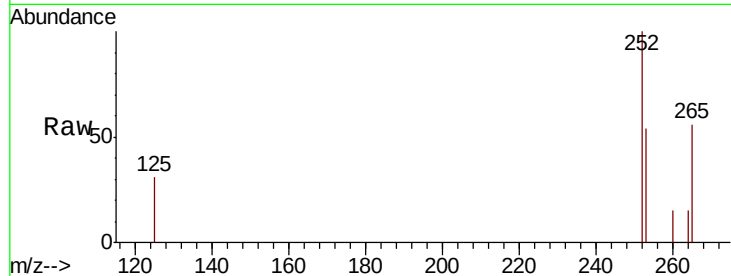
#36
Benzo(k)fluoranthene
Concen: 0.021 ng m
RT: 23.18 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW07-20190311

Tot Ion	Ratio	Lower	Upper
252	100		
253	53.7	19.3	28.9#
125	31.1	7.5	11.3#

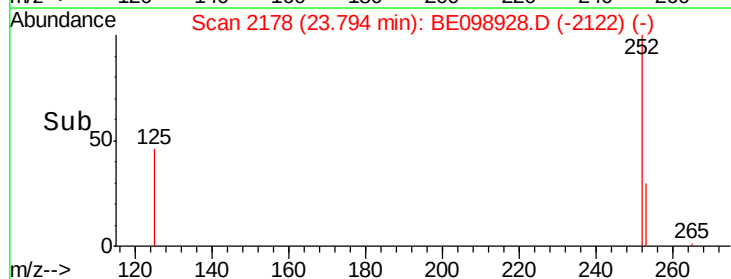
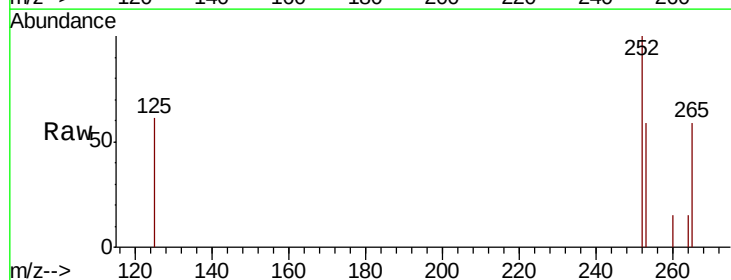
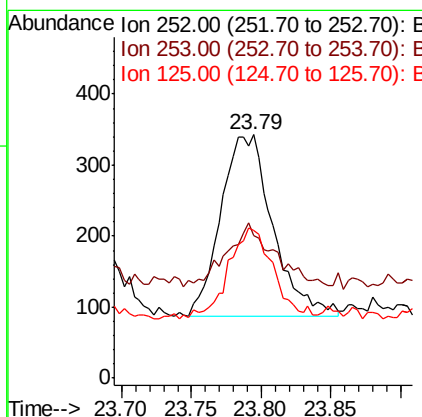
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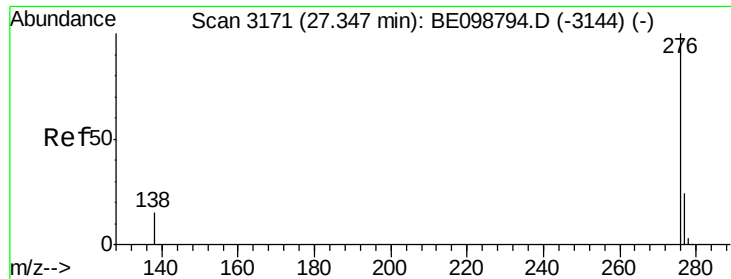
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#37
Benzo(a)pyrene
Concen: 0.027 ng
RT: 23.79 min Scan# 2178
Delta R.T. -0.00 min
Lab File: BE098928.D
Acq: 14 Mar 2019 2:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	58.6	19.9	29.9#
125	60.6	9.0	13.4#





#39
 Benzo(a,h,i)perylene
 Concen: 0.025 ng
 RT: 27.34 min Scan# 3168
 Delta R.T. -0.01 min
 Lab File: BE098928.D
 Acq: 14 Mar 2019 2:31

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW07-20190311

Tot Ion:	276	Resp:	589
Ion Ratio	Lower	Upper	
276	100		
277	41.9	20.4	30.6#
138	38.9	13.6	20.4#

Manual Integrations
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Sohil
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