

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
 Data File : BE099401.D
 Acq On : 27 Apr 2019 5:31
 Operator : JU/SJ
 Sample : K2533-20
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EXT-027-SW018-042219

Manual Integrations
 APPROVED

Sohil
 4/29/2019 1:32:30 PM

Quant Time: Apr 29 01:47:36 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE041819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Apr 19 06:51:38 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	3131	0.40	ng	0.00
7) Naphthalene-d8	10.61	136	12774	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	9286	0.40	ng	0.01
19) Phenanthrene-d10	17.20	188	26394	0.40	ng	0.01
27) Chrysene-d12	21.37	240	30167	0.40	ng	0.00
34) Perylene-d12	23.88	264	33986	0.40	ng	0.02

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	3517	0.46	ng	0.01
5) Phenol-d6	6.98	99	4912	0.45	ng	0.00
8) Nitrobenzene-d5	8.98	82	4468	0.45	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	8930	0.40	ng	0.01
14) 2,4,6-Tribromophenol	15.94	330	2402	0.78	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	13201	0.36	ng	0.00
25) Fluoranthene-d10	19.22	212	126041	0.40	ng	0.00
29) Terphenyl-d14	19.82	244	24668	0.42	ng	0.00

Target Compounds

						Qvalue
23) Phenanthrene	17.24	178	3355	0.048	ng	97
26) Fluoranthene	19.25	202	7584	0.081	ng	96
28) Pyrene	19.62	202	7600	0.086	ng	# 94
30) Benzo(a)anthracene	21.36	228	4500	0.051	ng	# 77
31) Chrysene	21.40	228	4493	0.048	ng	# 74
32) Bis(2-ethylhexyl)phthalate	21.27	149	23942	0.297	ng	# 98
33) Indeno(1,2,3-cd)pyrene	26.52	276	2495	0.027	ng	# 80
35) Benzo(b)fluoranthene	23.11	252	5735	0.055	ng	# 35
36) Benzo(k)fluoranthene	23.15	252	2248m	0.022	ng	
37) Benzo(a)pyrene	23.76	252	3837	0.041	ng	# 20

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

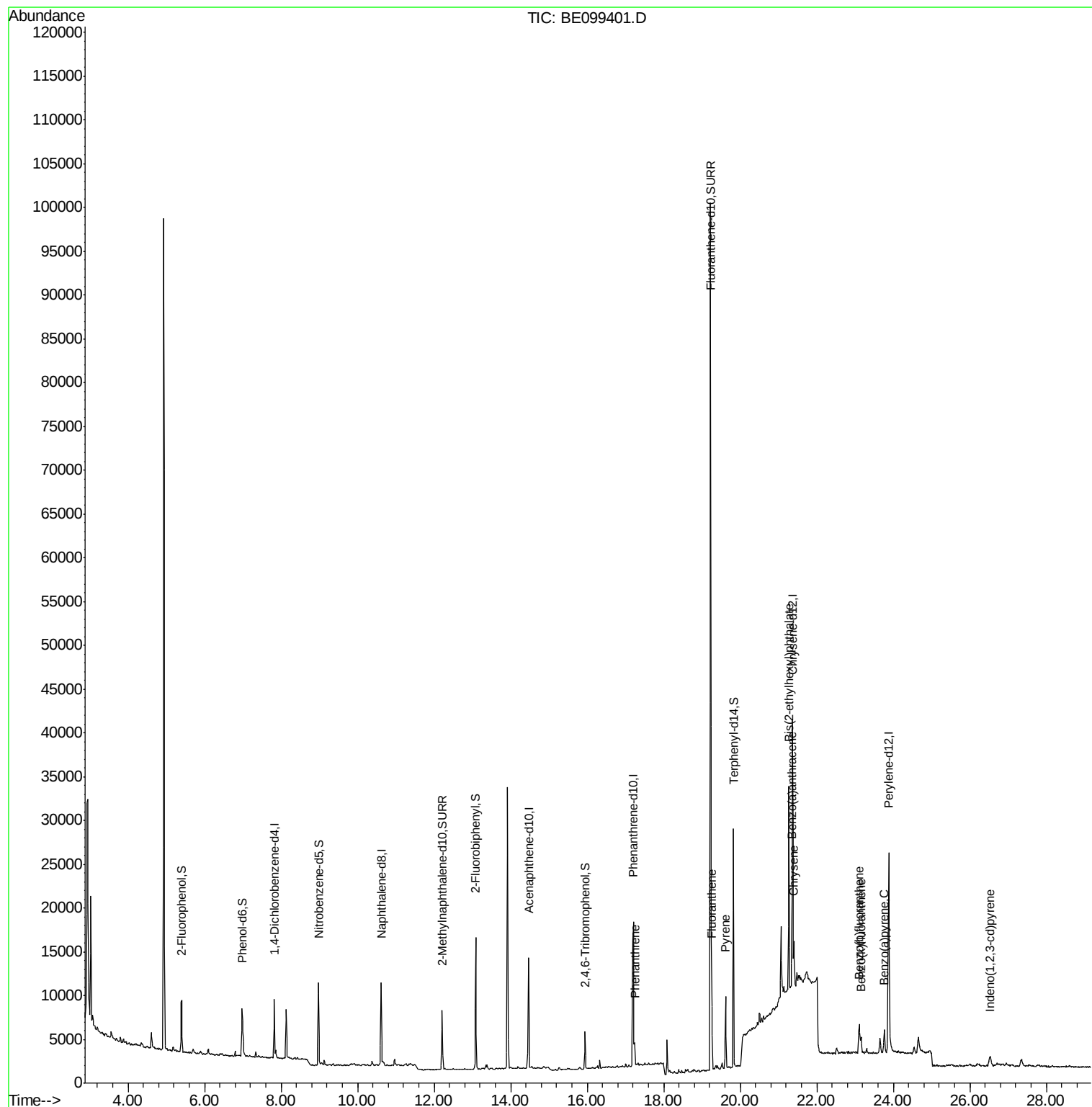
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE042619\
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Misc :
ALS Vial : 31 Sample Multiplier: 1

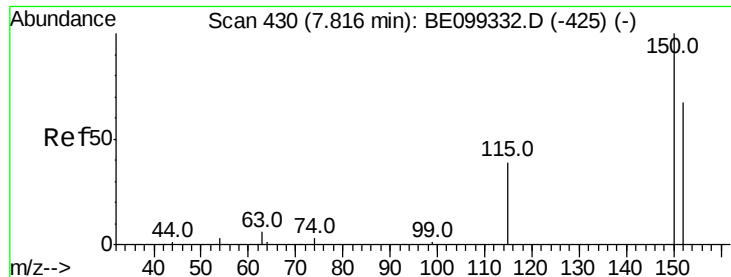
Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

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Quant Time: Apr 29 01:47:36 2019
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#1

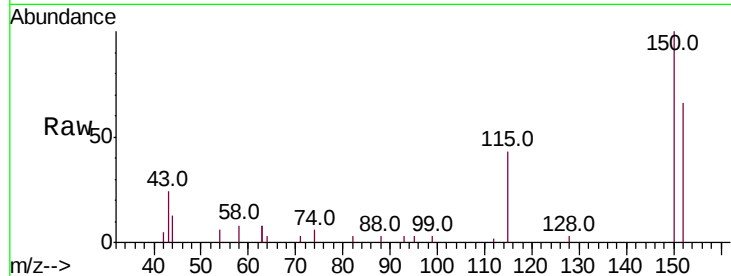
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.82 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BE099401.D
 Acq: 27 Apr 2019 5:31

Instrument :
 BNA_E
 ClientSampleId :
 EXT-027-SW018-042219

Tot Ion:	152	Resp:	3131
Ion	Ratio	Lower	Upper
152	100		
150	150.4	119.5	179.3
115	64.1	47.5	71.3

Manual Integrations
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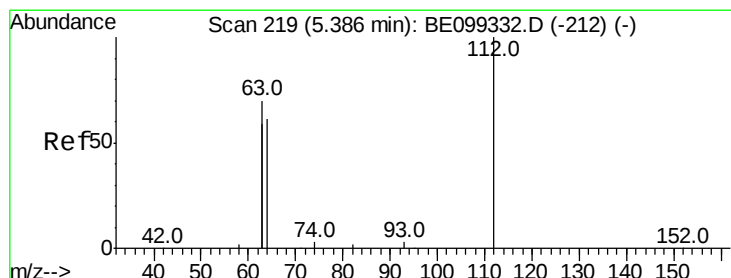
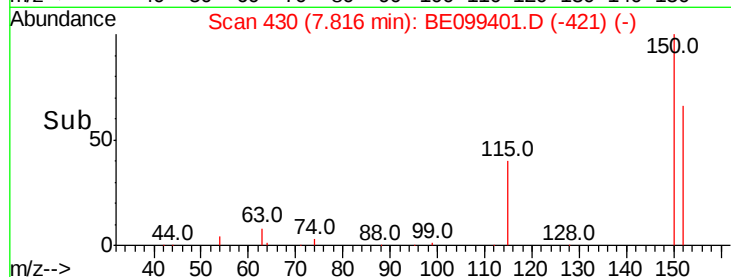
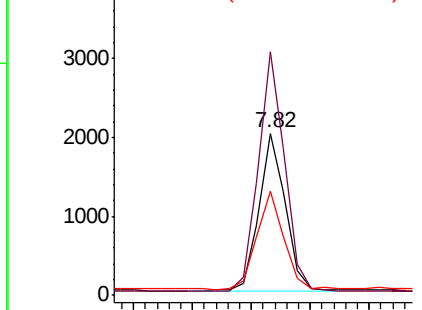


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

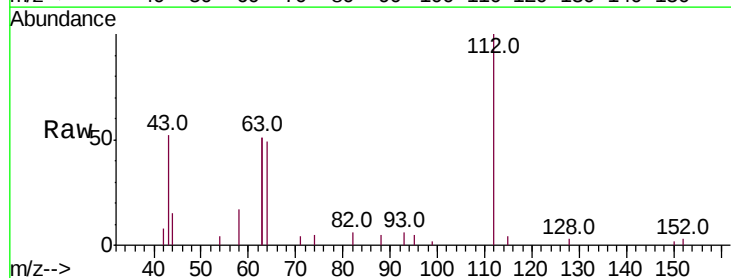
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
 Concen: 0.460 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BE099401.D
 Acq: 27 Apr 2019 5:31

Tgt Ion:	112	Resp:	3517
Ion	Ratio	Lower	Upper
112	100		
64	58.7	44.9	67.3
63	128.7	97.4	146.0

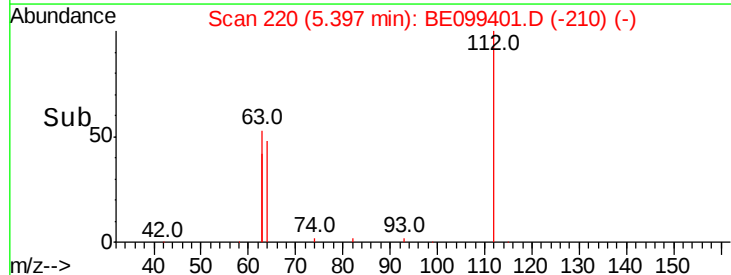
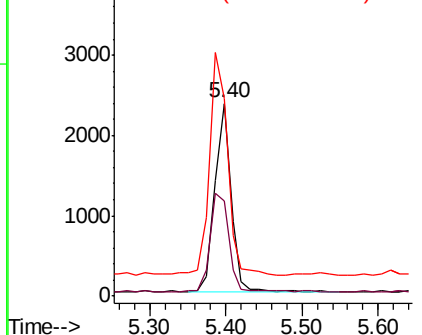


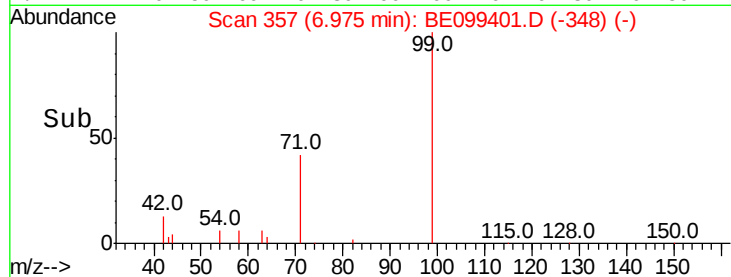
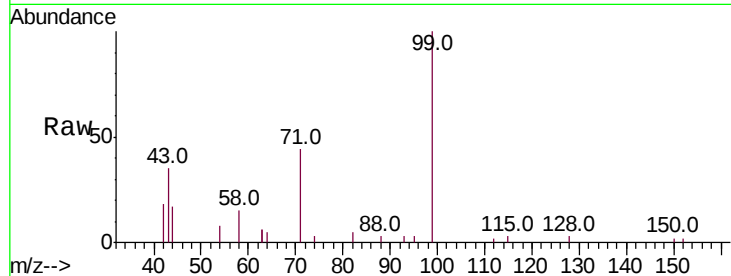
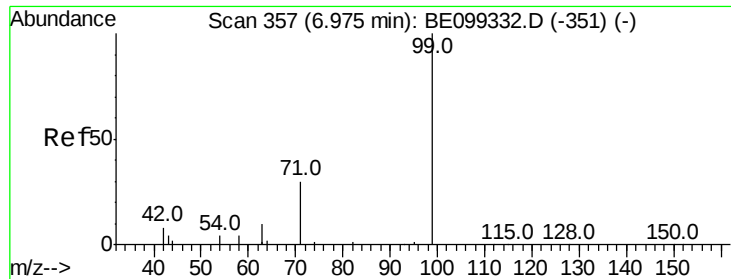
Abundance

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: 0.450 ng

RT: 6.98 min Scan# 357

Delta R.T. -0.00 min

Lab File: BE099401.D

Acq: 27 Apr 2019 5:31

Tot Ion:	99	Resp:	4912
Ion Ratio	Lower	Upper	
99	100		
42	15.7	11.7	17.5
71	43.6	29.6	44.4

Instrument :

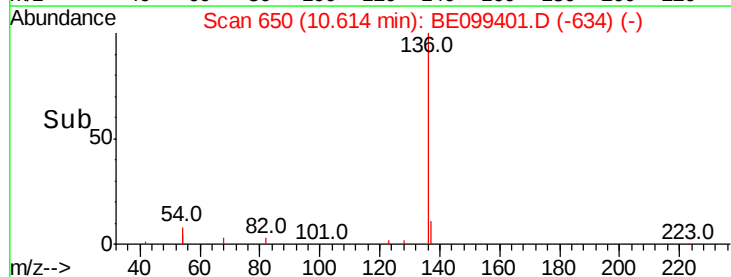
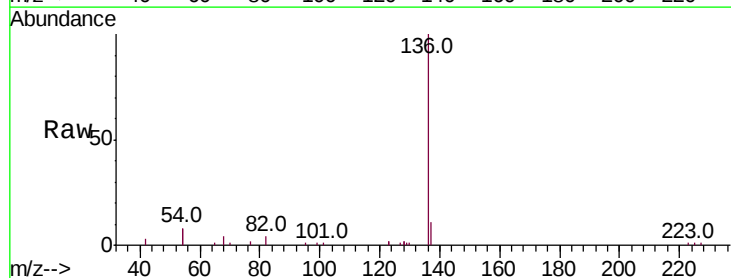
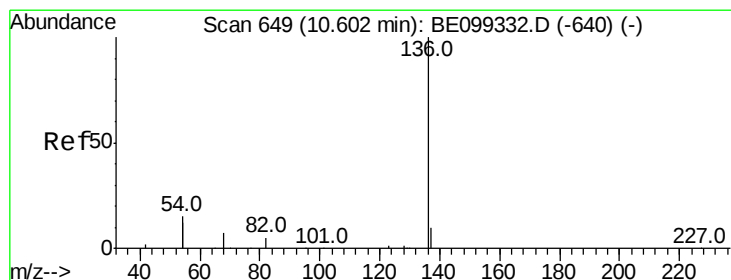
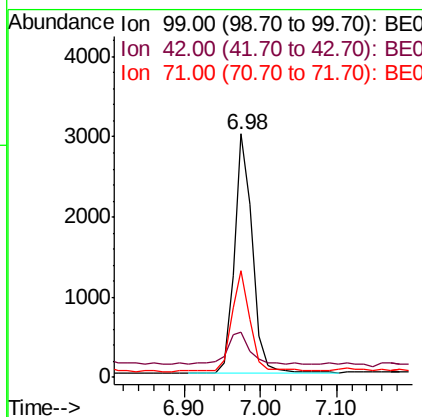
BNA_E

ClientSampleId :

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#7

Naphthalene-d8

Concen: 0.400 ng

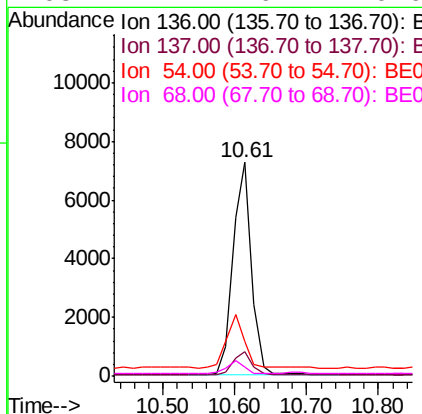
RT: 10.61 min Scan# 650

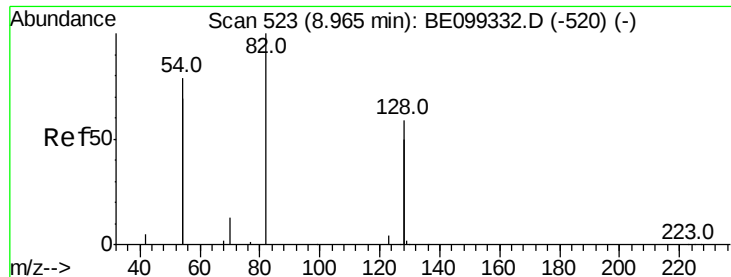
Delta R.T. 0.01 min

Lab File: BE099401.D

Acq: 27 Apr 2019 5:31

Tgt Ion:	136	Resp:	12774
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.7	13.1
54	16.1	23.8	35.8#
68	4.4	6.4	9.6#





#8

Nitrobenzene-d5

Concen: 0.451 ng

RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE099401.D

Acq: 27 Apr 2019 5:31

Instrument :

BNA_E

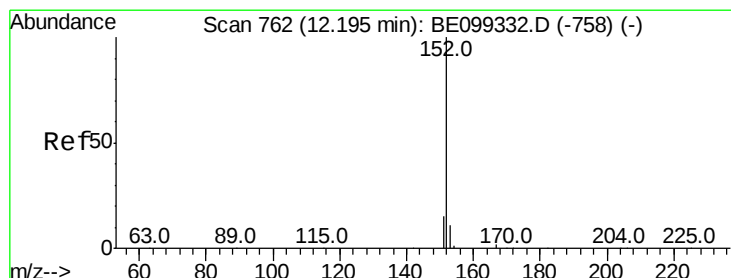
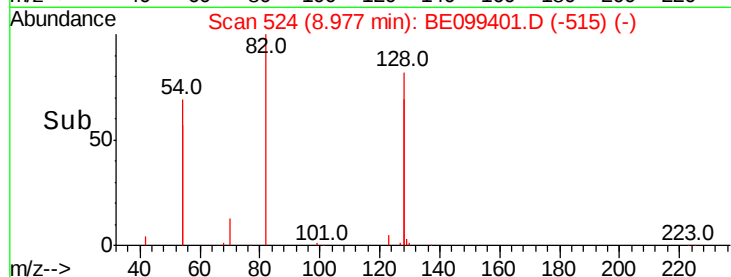
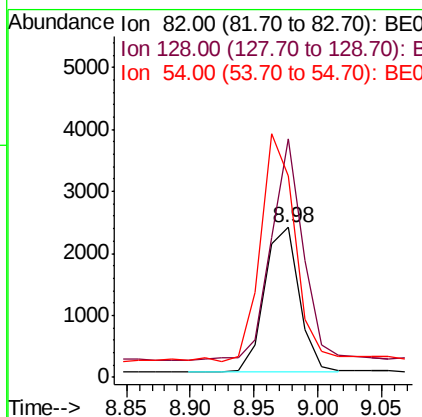
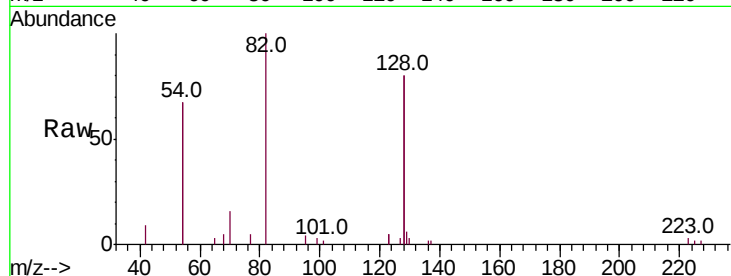
ClientSampleId :

EXT-027-SW018-042219

Tot Ion	82	Resp	4468
Ion	Ratio	Lower	Upper
82	100		
128	159.1	91.7	137.5#
54	134.2	122.8	184.2

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#11

2-Methylnaphthalene-d10

Concen: 0.396 ng

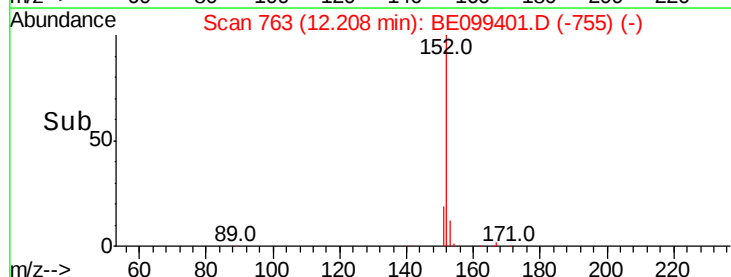
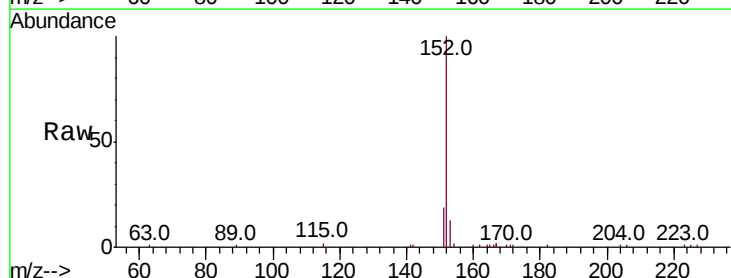
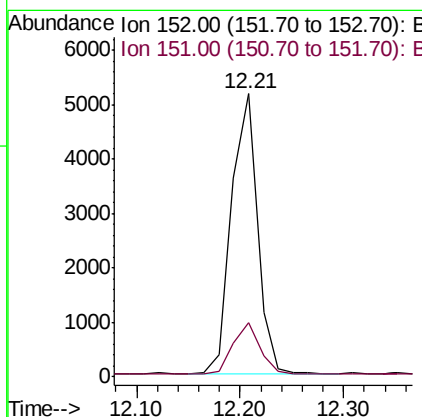
RT: 12.21 min Scan# 763

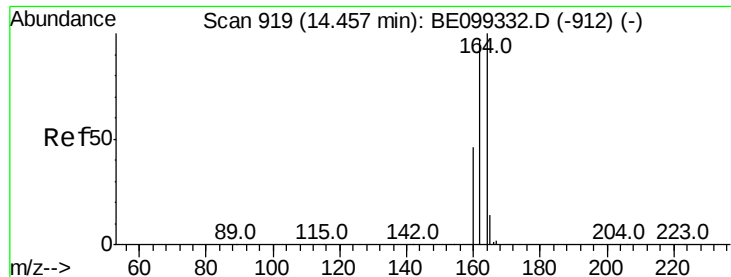
Delta R.T. 0.01 min

Lab File: BE099401.D

Acq: 27 Apr 2019 5:31

Tgt Ion	152	Resp	8930
Ion	Ratio	Lower	Upper
152	100		
151	19.6	14.9	22.3





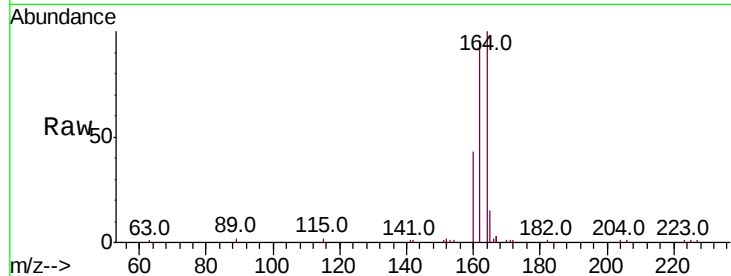
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tot Ion	Ratio	Lower	Upper
164	100		
162	96.4	77.8	116.6
160	43.4	37.1	55.7

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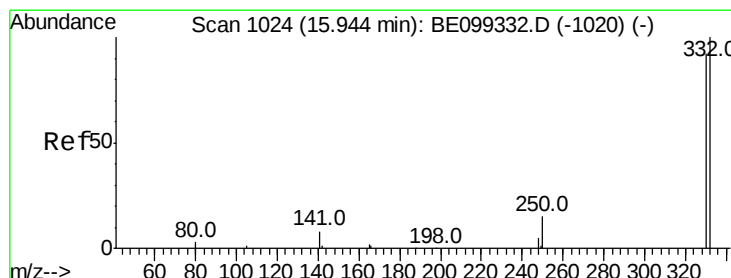
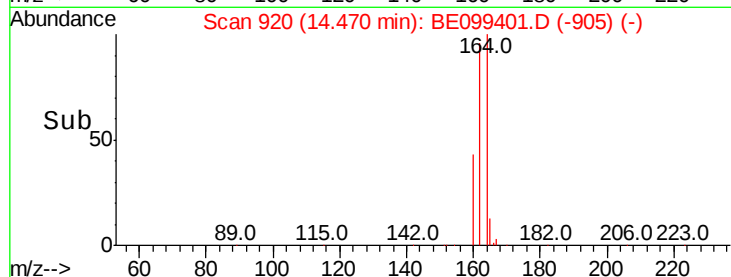
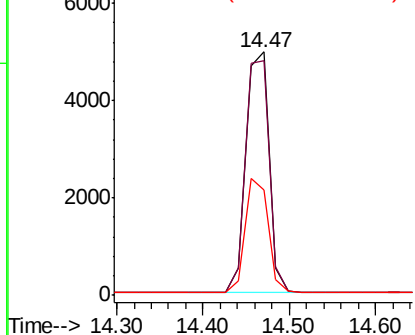


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14
2,4,6-Tribromophenol
Concen: 0.779 ng
RT: 15.94 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

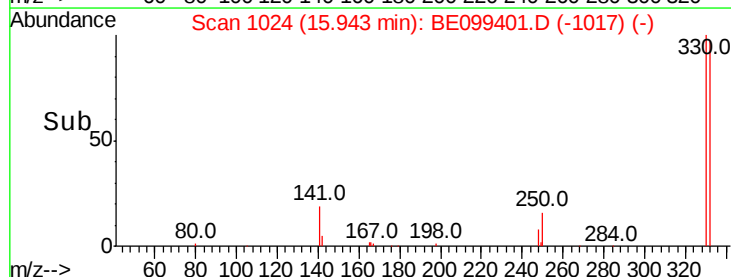
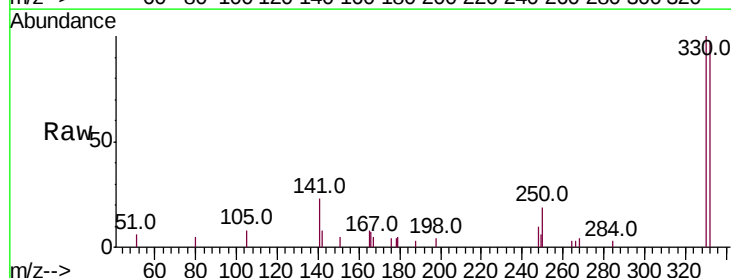
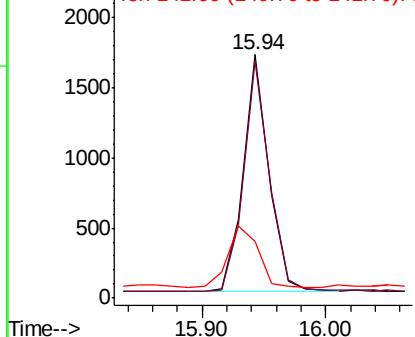
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.4	82.5	123.7
141	31.0	24.9	37.3

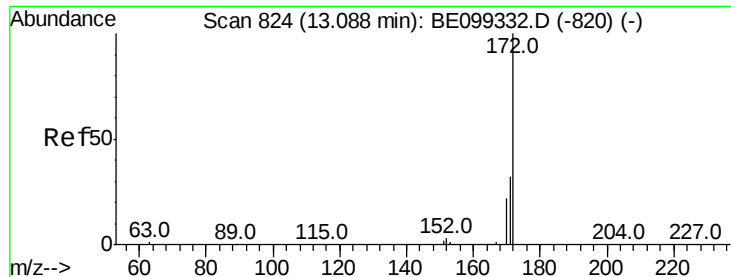
Abundance

Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





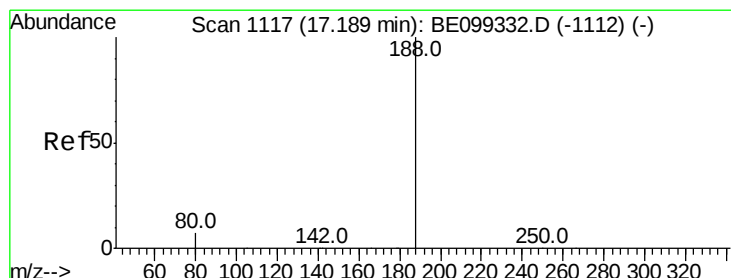
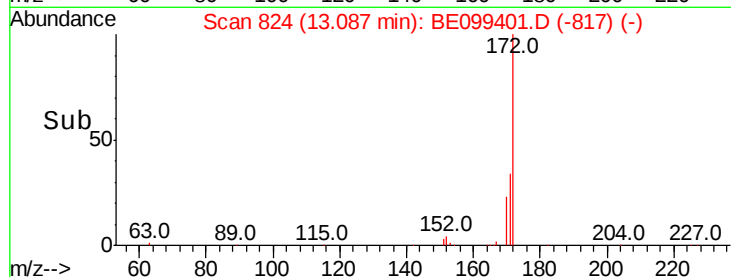
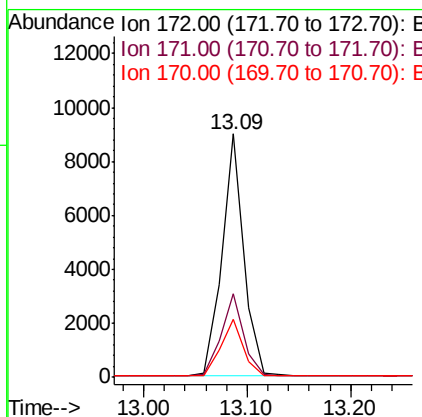
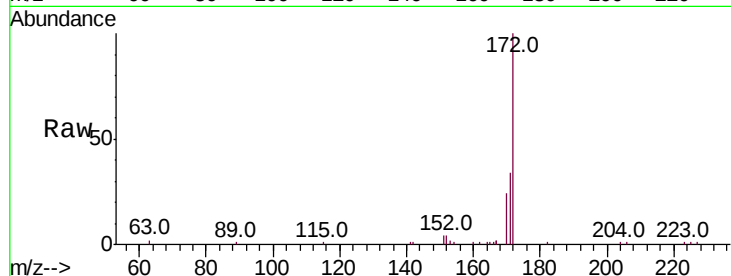
#15
 2-Fluorobiphenyl
 Concen: 0.362 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099401.D
 Acq: 27 Apr 2019 5:31

Instrument :
 BNA_E
 ClientSampleId :
 EXT-027-SW018-042219

Tot Ion:	172	Resp:	13201
Ion Ratio	Lower	Upper	
172	100		
171	34.2	26.2	39.2
170	23.7	18.1	27.1

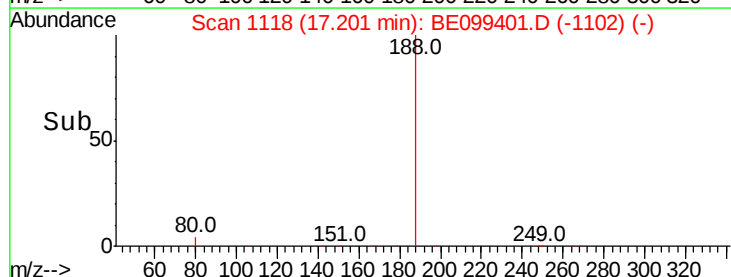
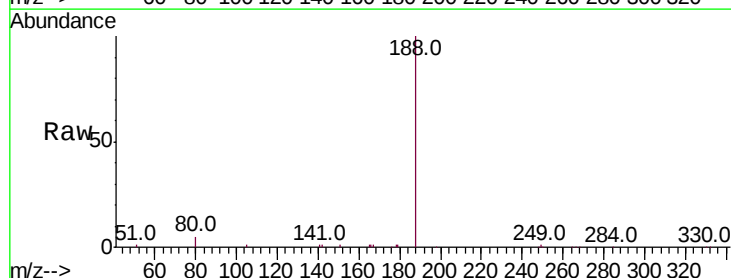
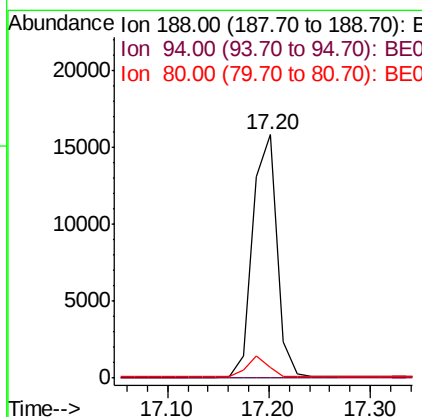
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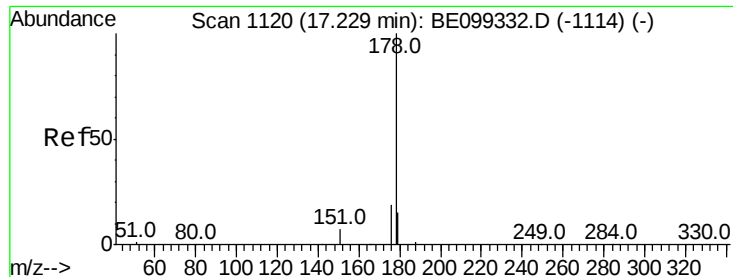
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#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.20 min Scan# 1118
 Delta R.T. 0.01 min
 Lab File: BE099401.D
 Acq: 27 Apr 2019 5:31

Tgt Ion:	188	Resp:	26394
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	4.6	6.2	9.4#





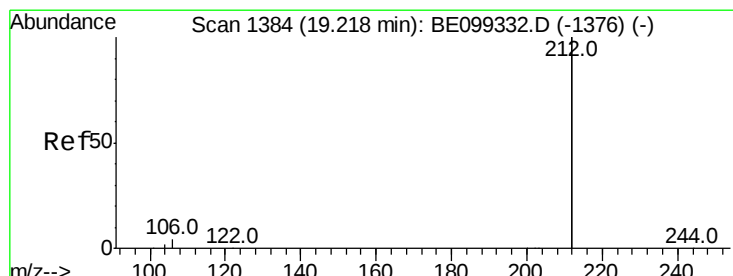
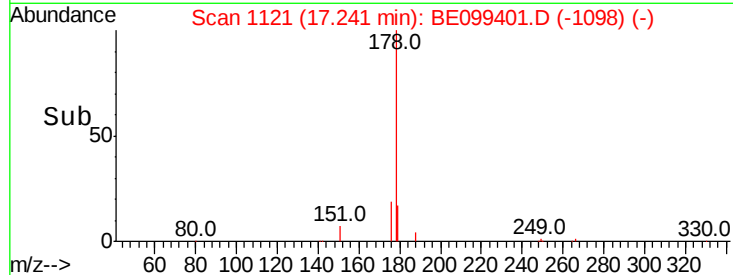
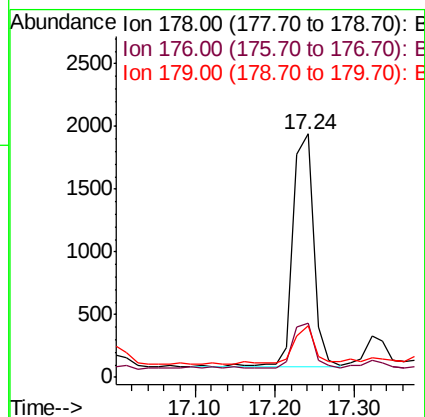
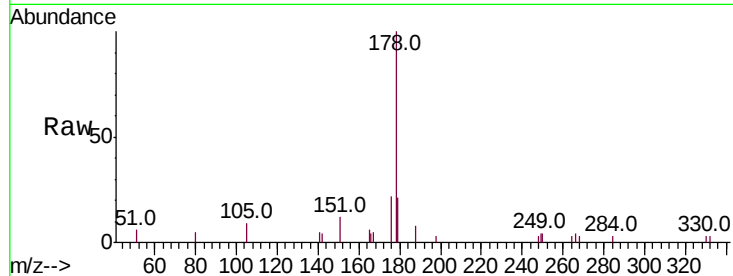
#23
Phenanthrene
Concen: 0.048 ng
RT: 17.24 min Scan# 1121
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.3	22.9
179	17.7	12.4	18.6

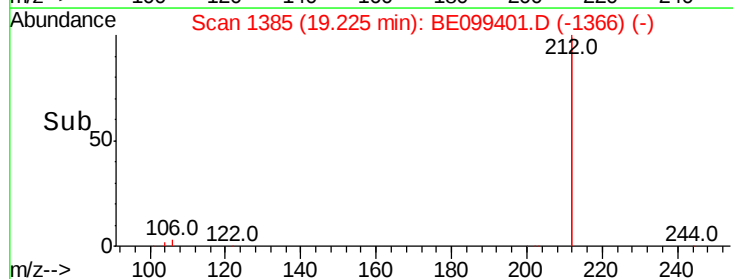
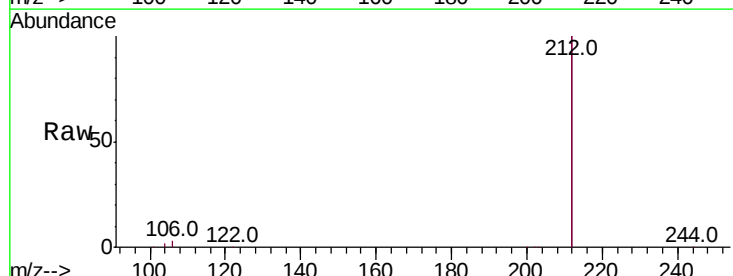
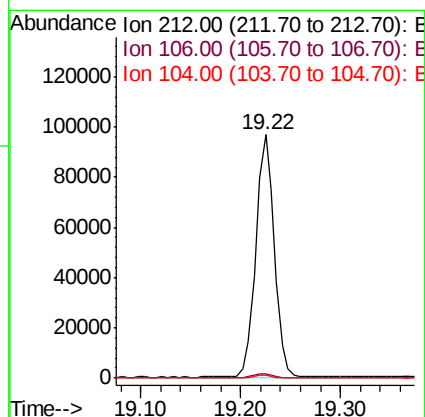
Manual Integrations
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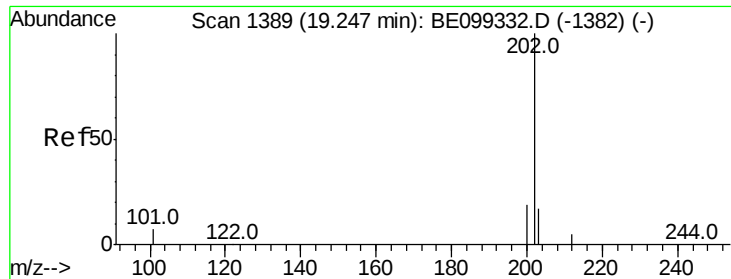
Sohil
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#25
Fluoranthene-d10
Concen: 0.397 ng
RT: 19.22 min Scan# 1385
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Tgt Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.8	2.6
104	1.1	1.0	1.4





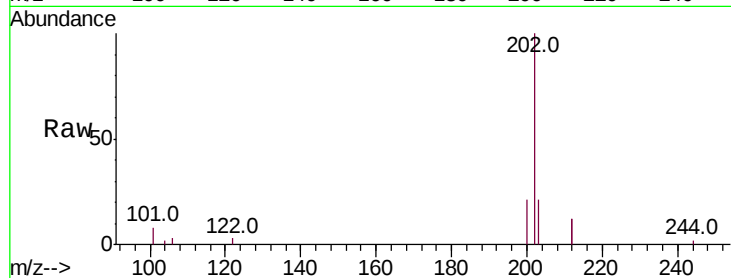
#26
 Fluoranthene
 Concen: 0.081 ng
 RT: 19.25 min Scan# 1390
 Delta R.T. 0.01 min
 Lab File: BE099401.D
 Acq: 27 Apr 2019 5:31

Instrument :
 BNA_E
 ClientSampleId :
 EXT-027-SW018-042219

Tot Ion	Ratio	Resp	Lower	Upper
202	100	7584		
101	8.7		6.4	9.6
203	18.9		13.5	20.3

Manual Integrations
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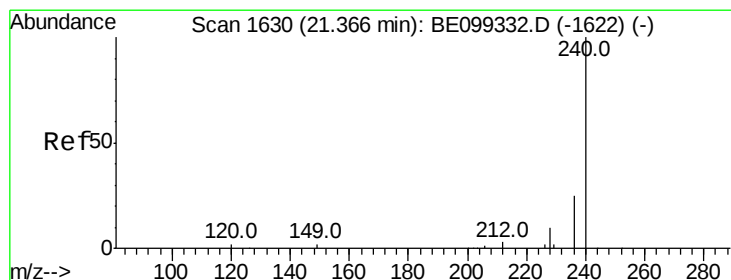
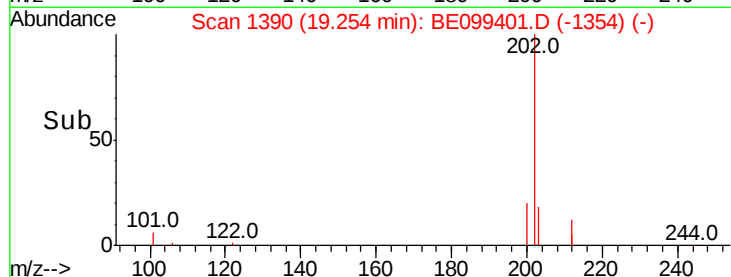
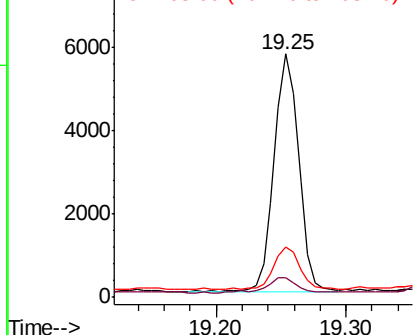


Abundance

Ion 202.00 (201.70 to 202.70): E

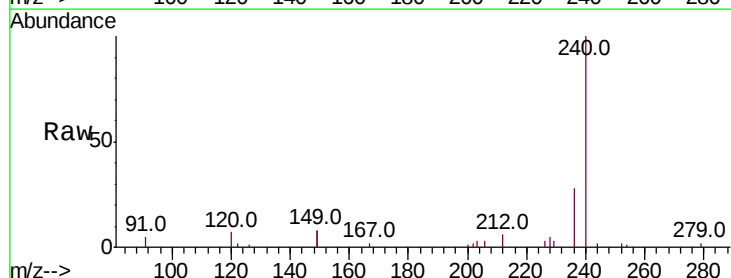
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. 0.00 min
 Lab File: BE099401.D
 Acq: 27 Apr 2019 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	30167		
120	6.5		2.2	3.2#
236	28.2		20.2	30.4

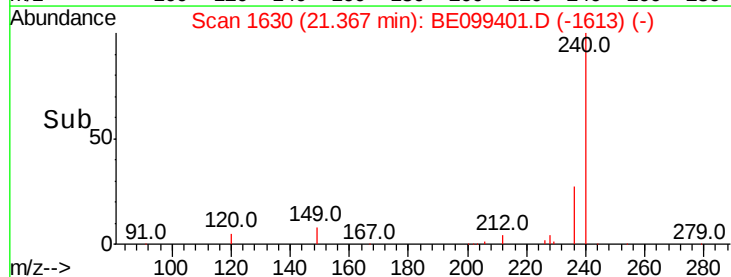
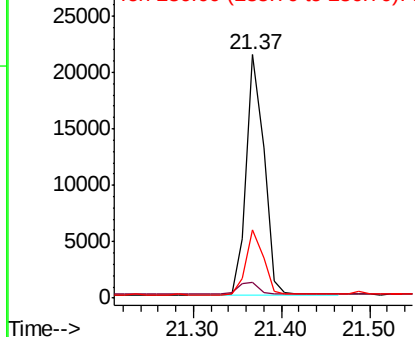


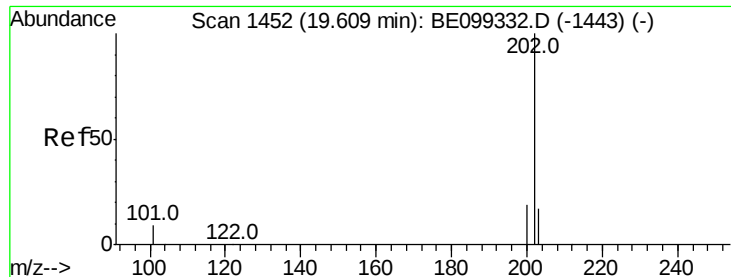
Abundance

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





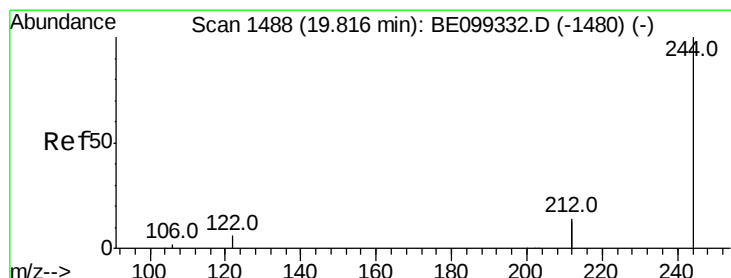
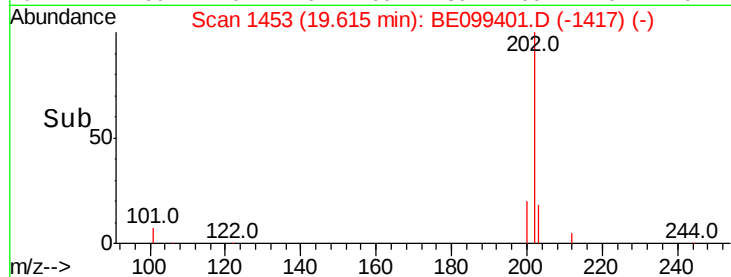
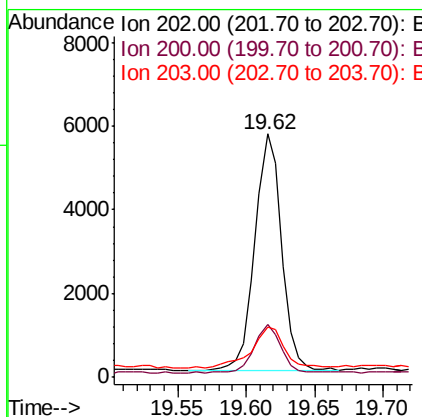
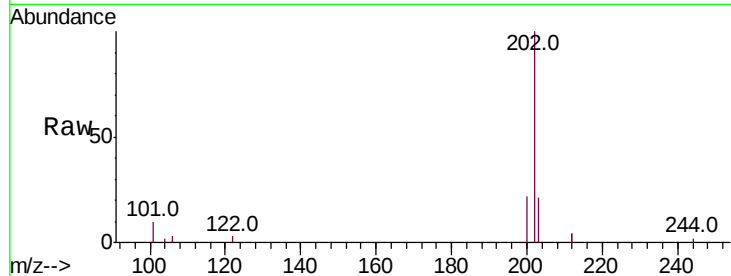
#28
Pvrene
Concen: 0.086 ng
RT: 19.62 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.2	15.7	23.5	
203	22.1	13.7	20.5	

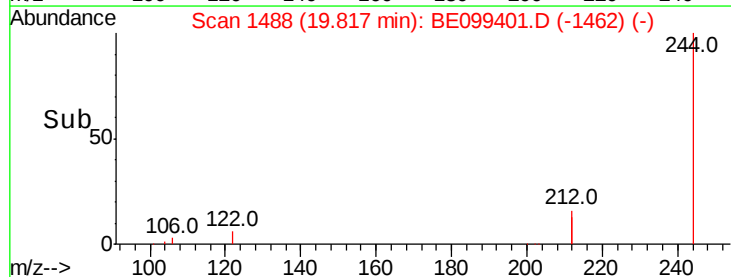
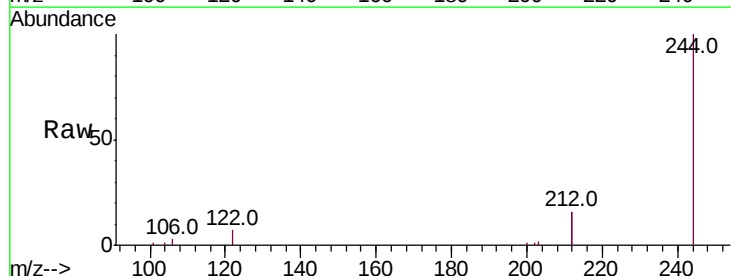
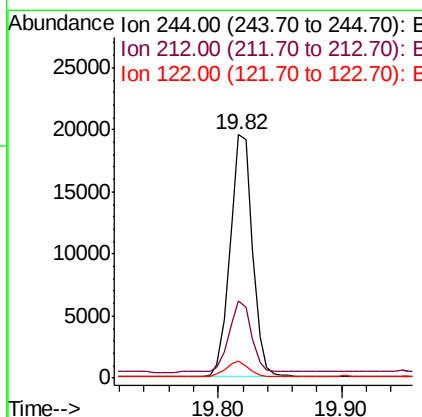
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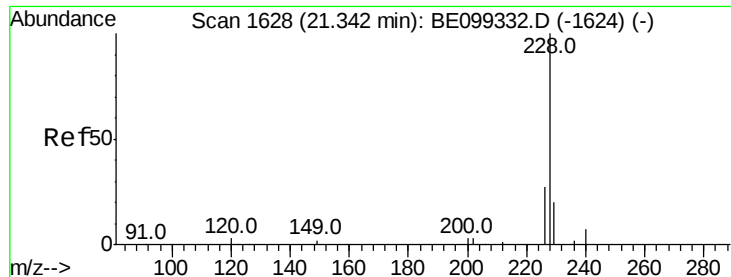
Sohil
4/29/2019 1:32:30 PM



#29
Terphenyl-d14
Concen: 0.415 ng
RT: 19.82 min Scan# 1488
Delta R.T. 0.00 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	31.8	22.6	33.8	
122	7.0	4.6	7.0	





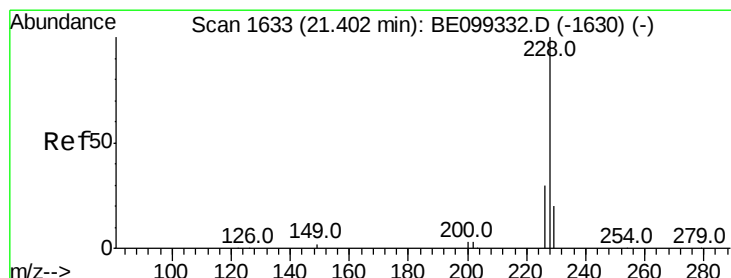
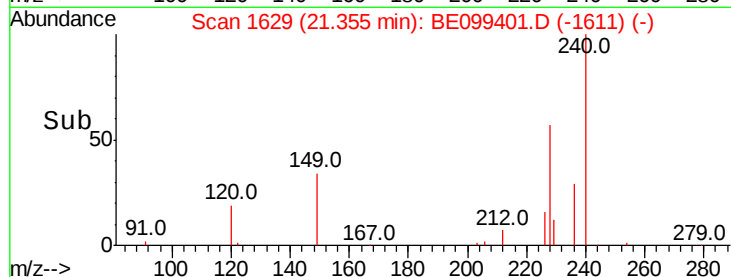
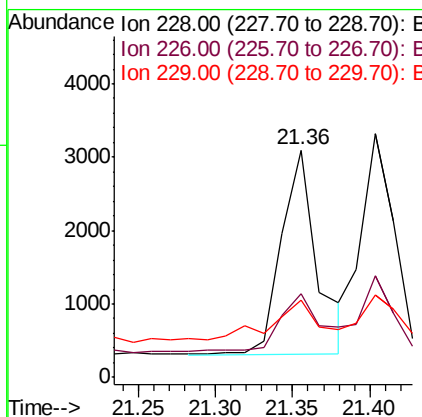
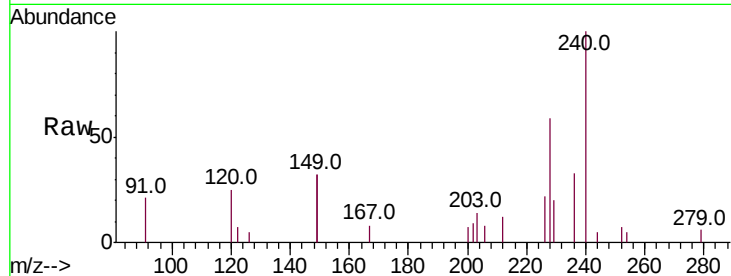
#30
Benzo(a)anthracene
Concen: 0.051 ng
RT: 21.36 min Scan# 1629
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tot Ion	Ratio	Lower	Upper
228	100		
226	36.9	22.0	33.0#
229	33.9	15.8	23.8#

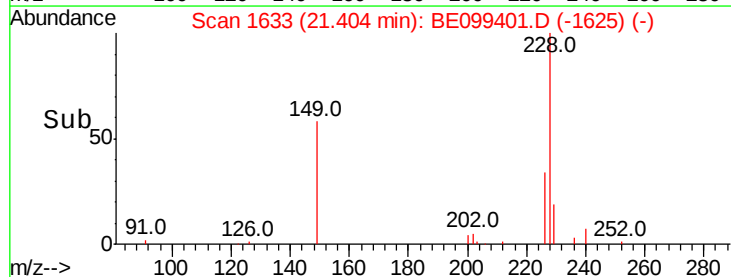
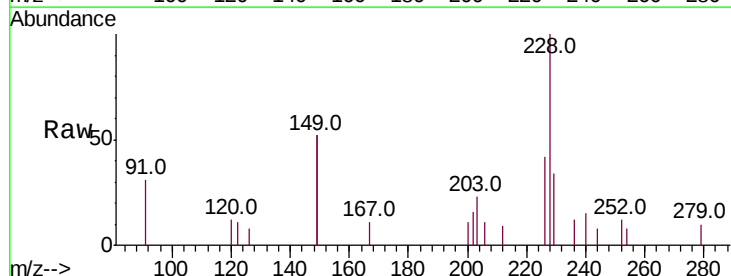
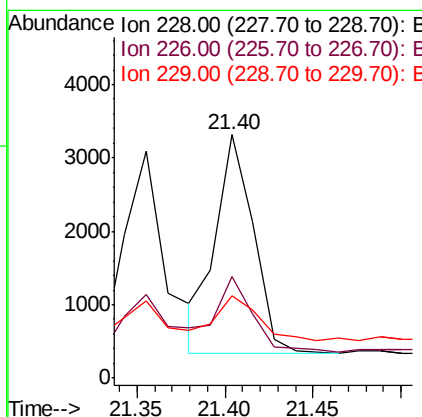
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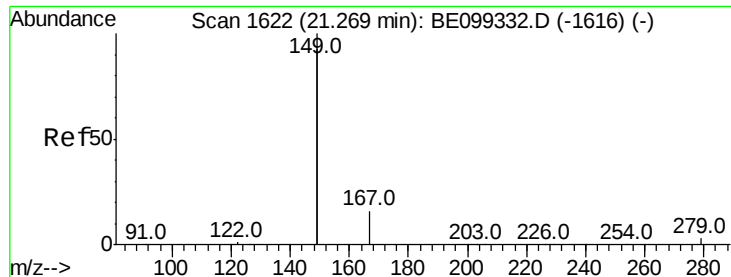
Sohil
4/29/2019 1:32:30 PM



#31
Chrysene
Concen: 0.048 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.00 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	41.9	23.4	35.2#
229	33.7	16.2	24.2#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.297 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099401.D

Acq: 27 Apr 2019 5:31

Instrument :

BNA_E

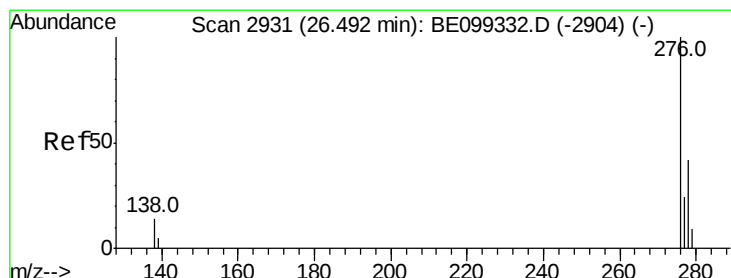
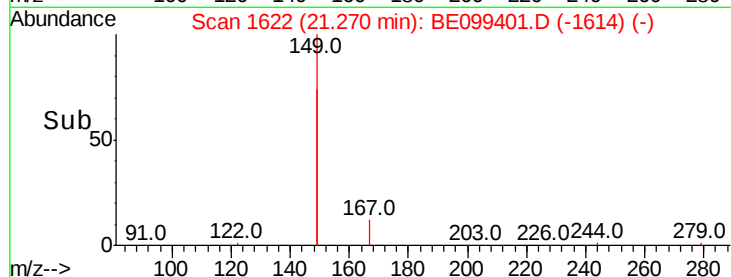
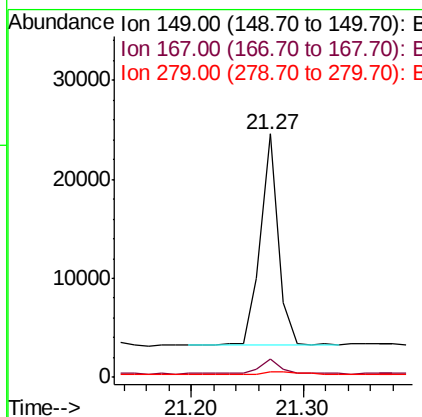
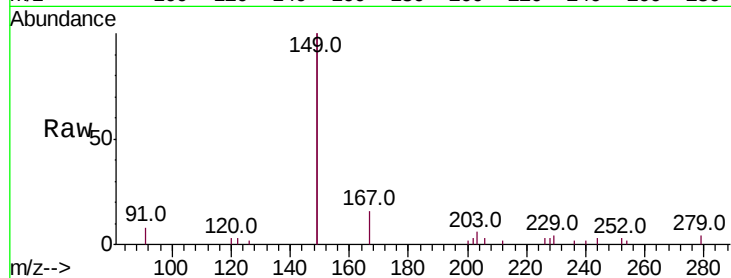
ClientSampleId :

EXT-027-SW018-042219

Tot Ion:	149	Resp:	23942
Ion Ratio	Lower	Upper	
149	100		
167	8.2	6.0	9.0
279	1.7	1.1	1.7#

Manual Integrations
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#33

Indeno(1,2,3-cd)pyrene

Concen: 0.027 ng

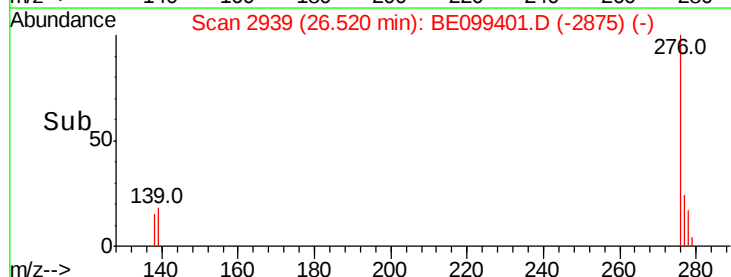
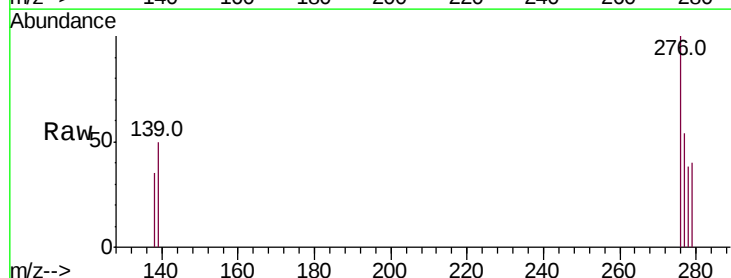
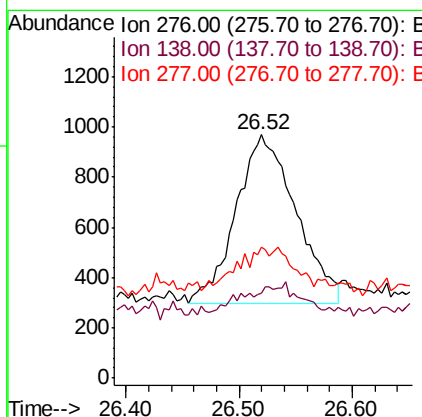
RT: 26.52 min Scan# 2939

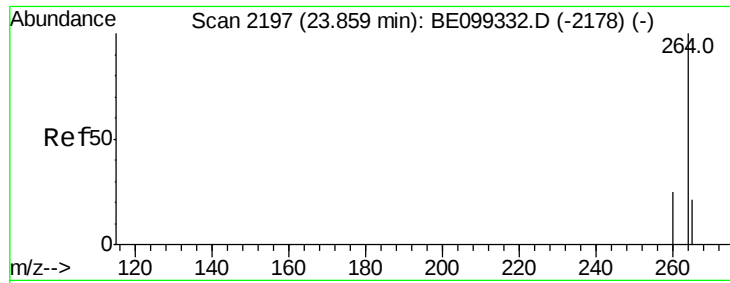
Delta R.T. 0.03 min

Lab File: BE099401.D

Acq: 27 Apr 2019 5:31

Tgt Ion:	276	Resp:	2495
Ion Ratio	Lower	Upper	
276	100		
138	8.1	12.7	19.1#
277	13.8	19.6	29.4#





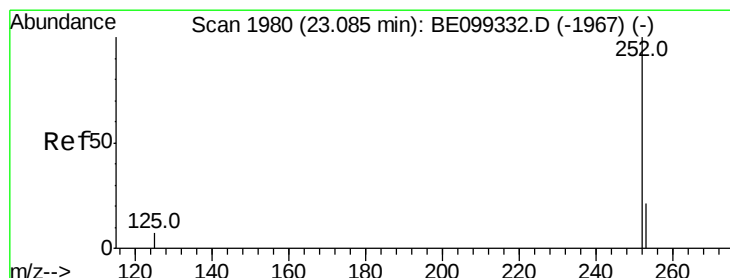
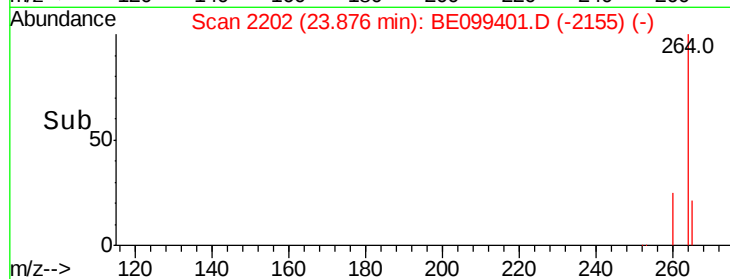
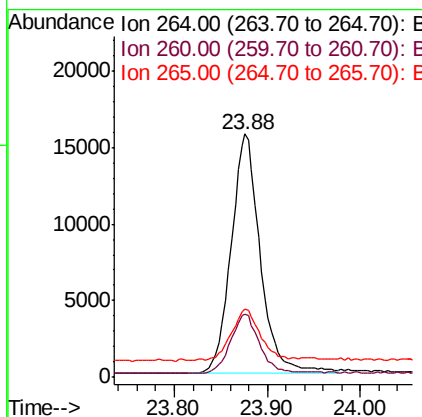
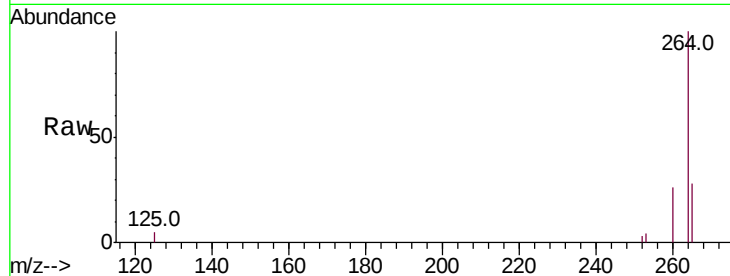
#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.88 min Scan# 2202
Delta R.T. 0.02 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	26.0	20.1	30.1	
265	27.9	19.9	29.9	

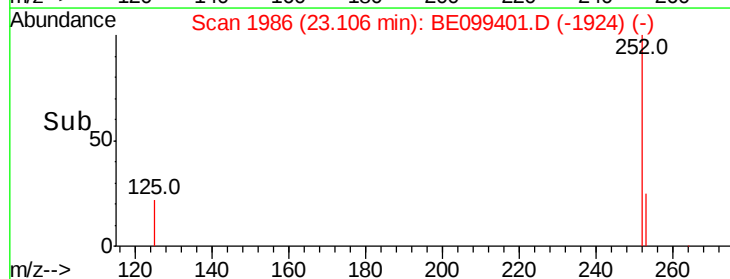
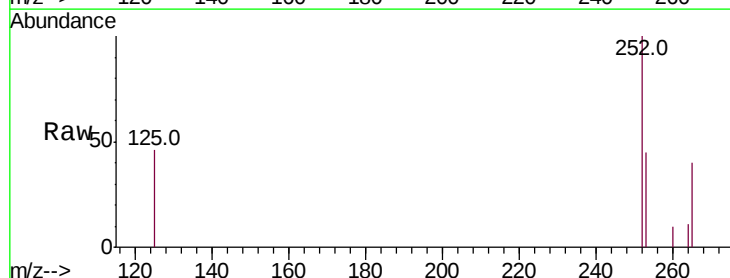
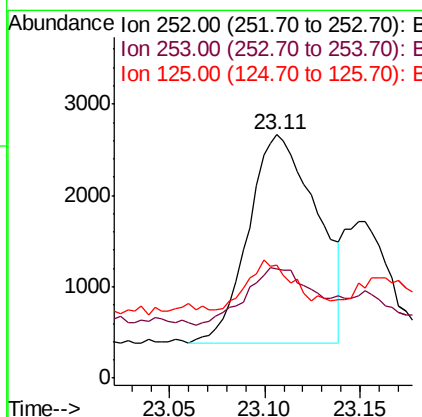
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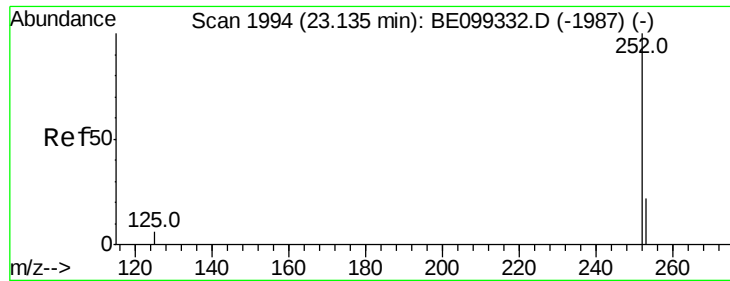
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#35
Benzo(b)fluoranthene
Concen: 0.055 ng
RT: 23.11 min Scan# 1986
Delta R.T. 0.02 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	44.9	17.3	25.9#	
125	46.4	5.8	8.6#	





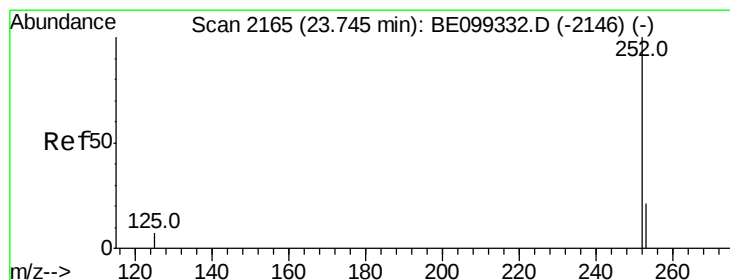
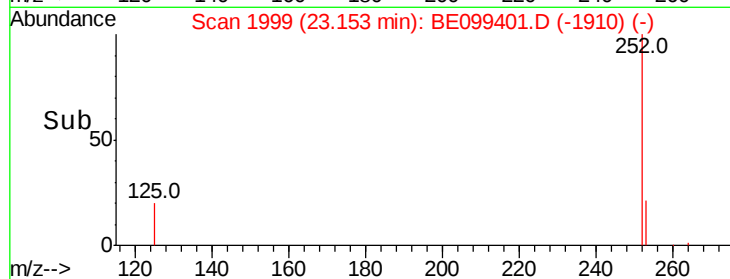
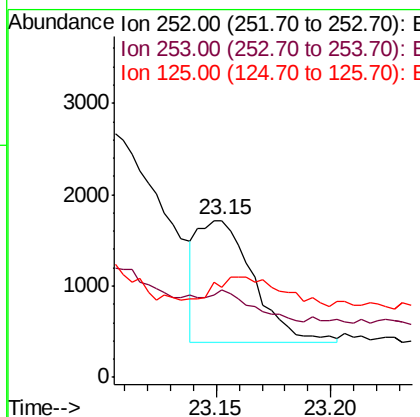
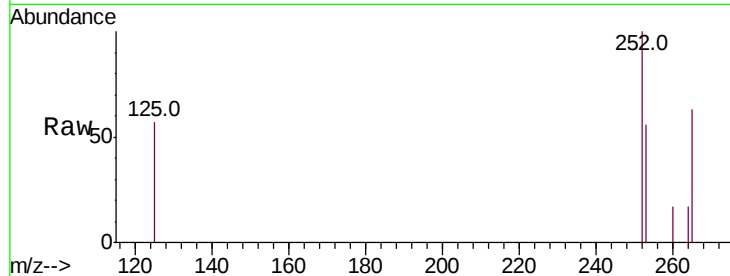
#36
Benzo(k)fluoranthene
Concen: 0.022 ng m
RT: 23.15 min Scan# 1999
Delta R.T. 0.02 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Instrument :
BNA_E
ClientSampleId :
EXT-027-SW018-042219

Tot Ion:252 Resp: 2248
Ion Ratio Lower Upper
252 100
253 55.7 18.4 27.6#
125 57.3 5.4 8.0#

Manual Integrations
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#37
Benzo(a)pyrene
Concen: 0.041 ng
RT: 23.76 min Scan# 2169
Delta R.T. 0.01 min
Lab File: BE099401.D
Acq: 27 Apr 2019 5:31

Tgt Ion:252 Resp: 3837
Ion Ratio Lower Upper
252 100
253 50.0 17.6 26.4#
125 56.6 6.5 9.7#

