

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
 Data File : BE099089.D
 Acq On : 22 Mar 2019 20:47
 Operator : JU/SJ
 Sample : K1948-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 INV-025-SW02-031319

Manual Integrations
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 3/25/2019 12:11:58 PM

Quant Time: Mar 23 01:30:23 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE032219.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Mar 23 00:46:37 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	3322	0.40	ng	0.00
7) Naphthalene-d8	10.64	136	12490	0.40	ng	0.00
13) Acenaphthene-d10	14.48	164	7990	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	22089	0.40	ng	0.00
27) Chrysene-d12	21.39	240	31949	0.40	ng	0.00
34) Perylene-d12	23.90	264	36536	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.42	112	4627	0.47	ng	0.00
5) Phenol-d6	7.00	99	6301	0.44	ng	0.00
8) Nitrobenzene-d5	8.99	82	3624m	0.66	ng	0.00
11) 2-Methylnaphthalene-d10	12.22	152	9178	0.41	ng	-0.02
14) 2,4,6-Tribromophenol	15.96	330	1296	0.55	ng	0.00
15) 2-Fluorobiphenyl	13.12	172	13065	0.41	ng	0.00
25) Fluoranthene-d10	19.24	212	113916	0.39	ng	0.00
29) Terphenyl-d14	19.84	244	18576	0.27	ng	0.00

Target Compounds

						Qvalue
16) Acenaphthylene	14.21	152	984	0.023	ng	98
23) Phenanthrene	17.26	178	9662	0.147	ng	98
26) Fluoranthene	19.27	202	22876	0.248	ng	98
28) Pyrene	19.63	202	23058	0.213	ng	96
30) Benzo(a)anthracene	21.36	228	13318	0.118	ng	99
31) Chrysene	21.43	228	16610	0.148	ng	97
32) Bis(2-ethylhexyl)phthalate	21.30	149	20489	0.140	ng	99
33) Indeno(1,2,3-cd)pyrene	26.56	276	9587	0.079	ng	99
35) Benzo(b)fluoranthene	23.13	252	20416	0.162	ng	# 94
36) Benzo(k)fluoranthene	23.17	252	8705m	0.070	ng	
37) Benzo(a)pyrene	23.78	252	13457	0.115	ng	# 97
38) Dibenzo(a,h)anthracene	26.58	278	2702m	0.024	ng	
39) Benzo(g,h,i)perylene	27.38	276	9675	0.083	ng	97

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

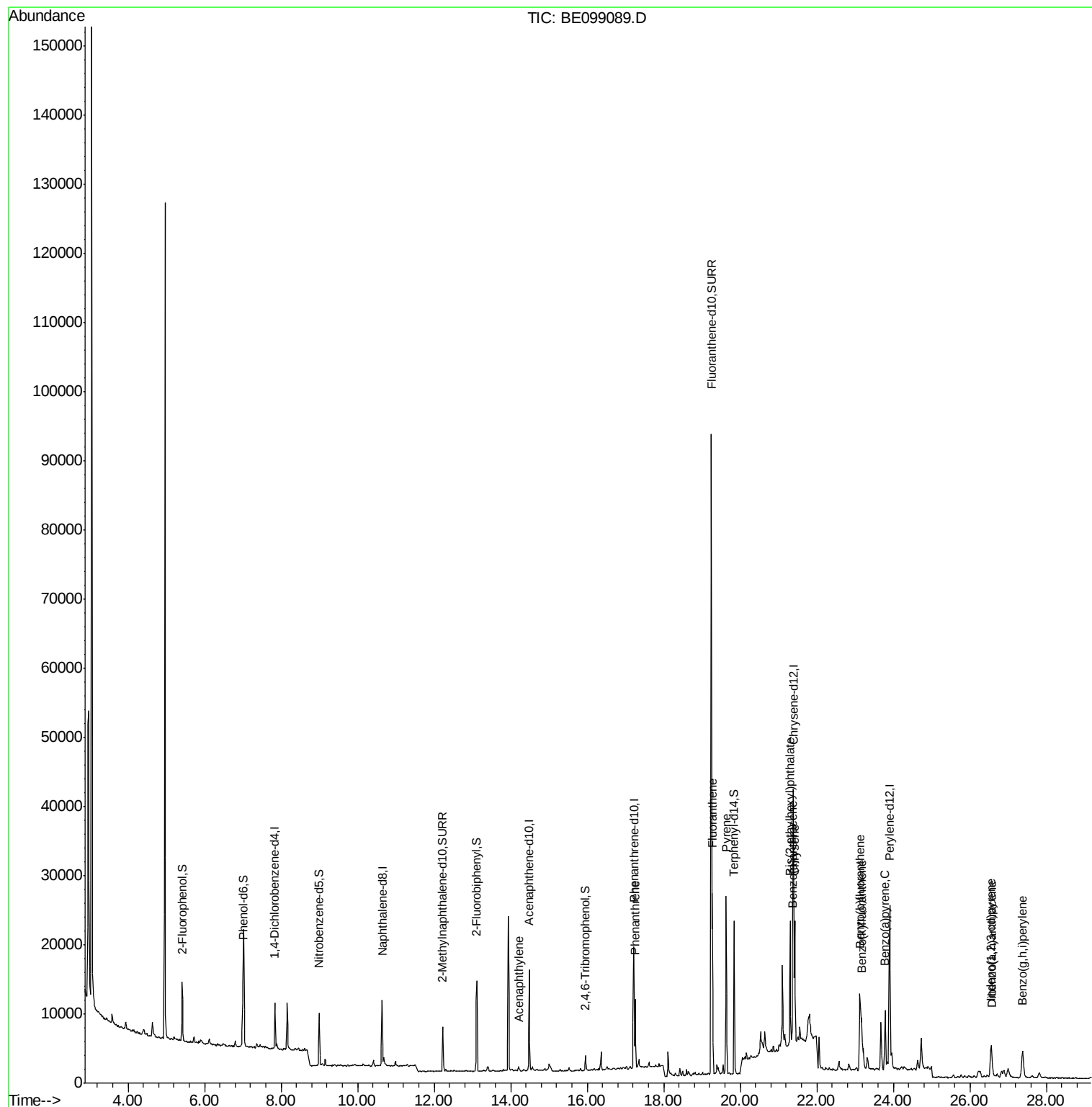
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE032219\
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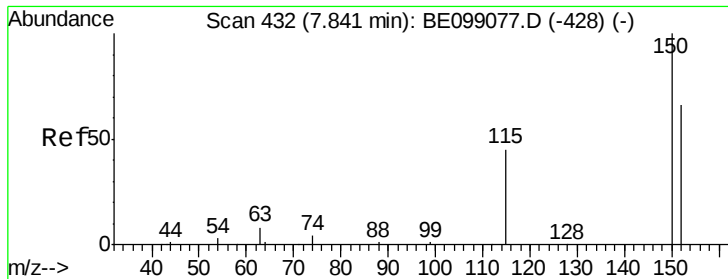
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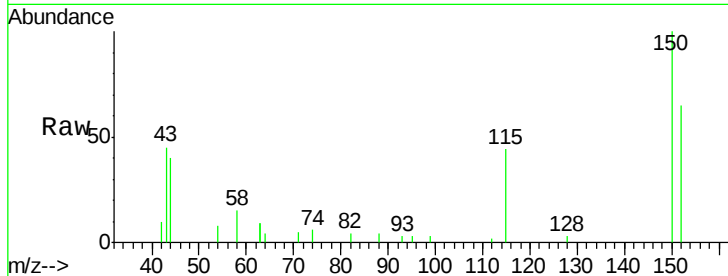




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.84 min Scan# 432
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

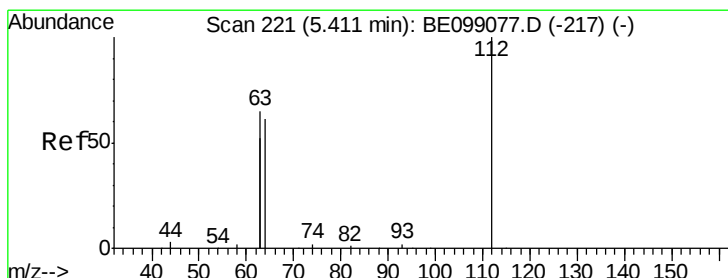
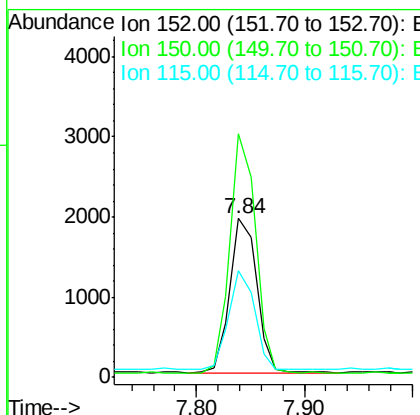
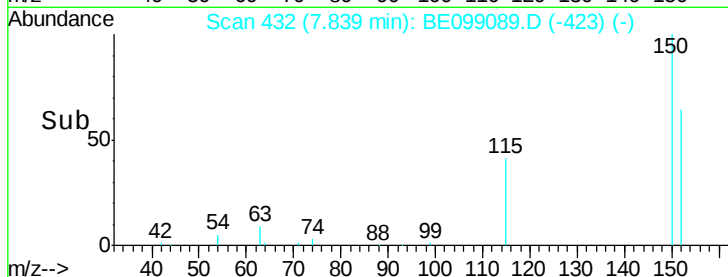
Instrument :
BNA_E
ClientSampleId :
INV-025-SW02-031319



Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.5	122.5	183.7
115	67.4	57.4	86.2

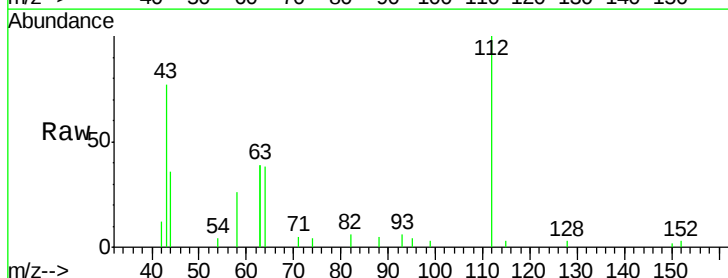
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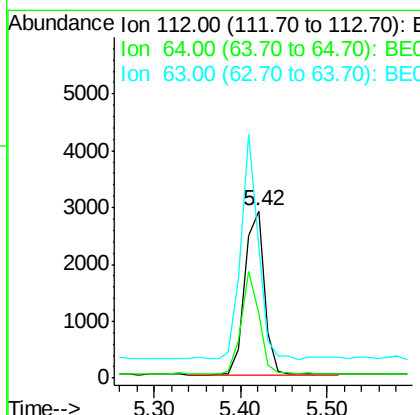
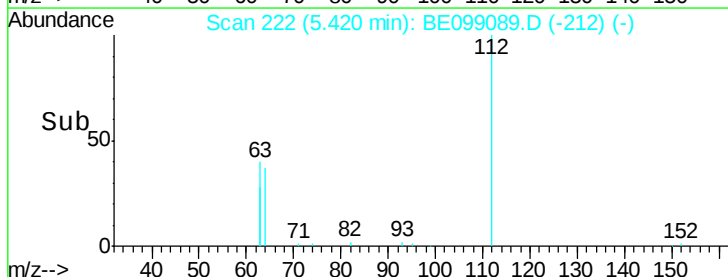


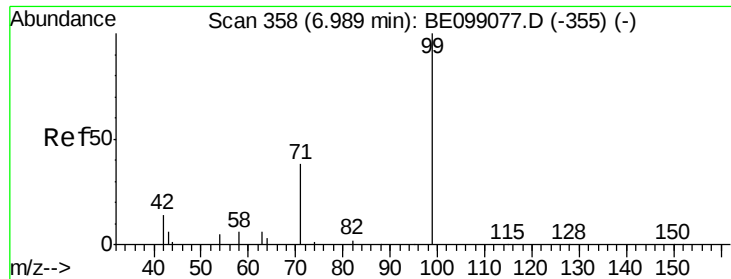
#4

2-Fluorophenol
Concen: 0.468 ng
RT: 5.42 min Scan# 222
Delta R.T. 0.01 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47



Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	57.9	86.9#
63	119.6	158.3	237.5#





#5

Phenol-d6

Concen: 0.442 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE099089.D

Acq: 22 Mar 2019 20:47

Instrument :

BNA_E

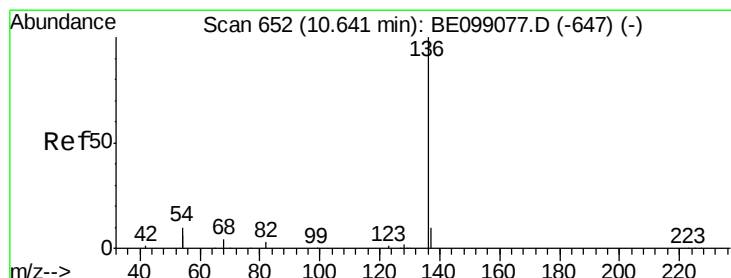
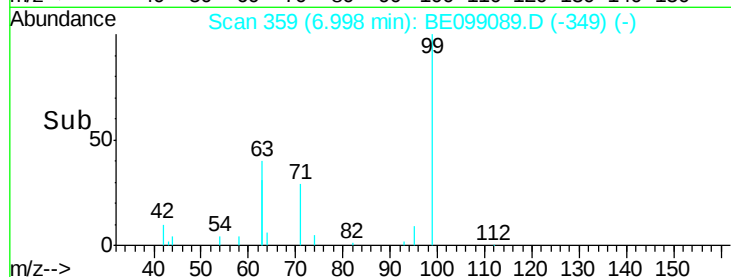
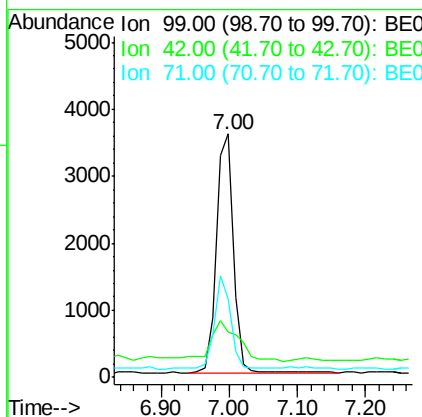
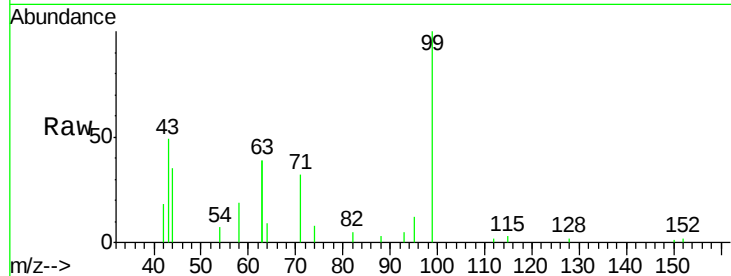
ClientSampleId :

INV-025-SW02-031319

Tgt Ion:	99	Resp:	6301
Ion Ratio	Lower	Upper	
99	100		
42	28.4	24.2	36.2
71	37.3	35.7	53.5

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#7

Naphthalene-d8

Concen: 0.400 ng

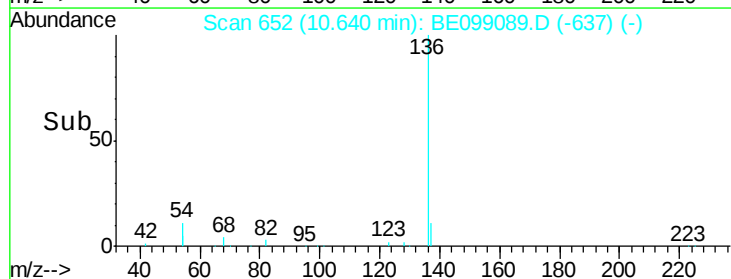
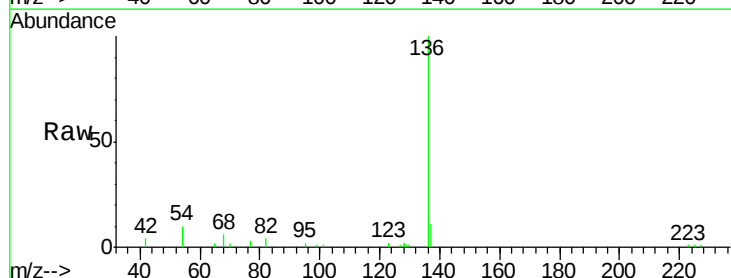
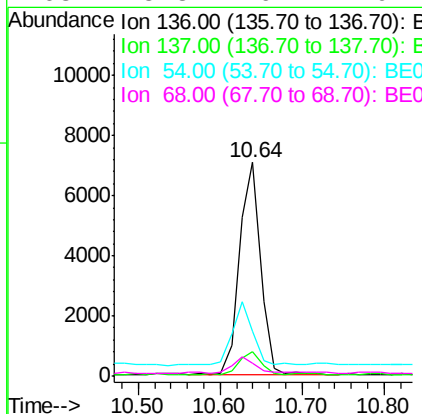
RT: 10.64 min Scan# 652

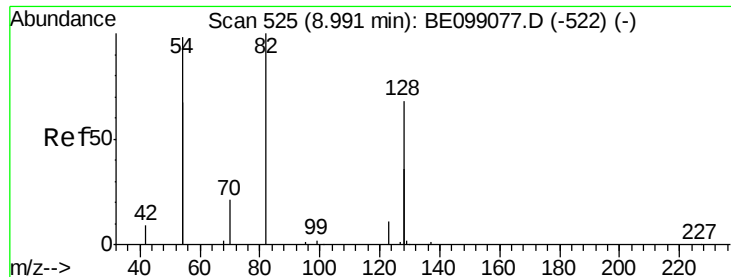
Delta R.T. -0.00 min

Lab File: BE099089.D

Acq: 22 Mar 2019 20:47

Tgt Ion:	136	Resp:	12490
Ion Ratio	Lower	Upper	
136	100		
137	11.4	11.4	17.0#
54	20.8	39.3	58.9#
68	5.8	6.7	10.1#





#8

Nitrobenzene-d5

Concen: 0.664 ng m

RT: 8.99 min Scan# 525

Delta R.T. -0.00 min

Lab File: BE099089.D

Acq: 22 Mar 2019 20:47

Instrument :

BNA_E

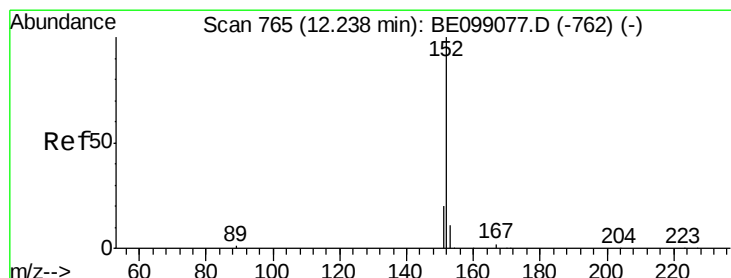
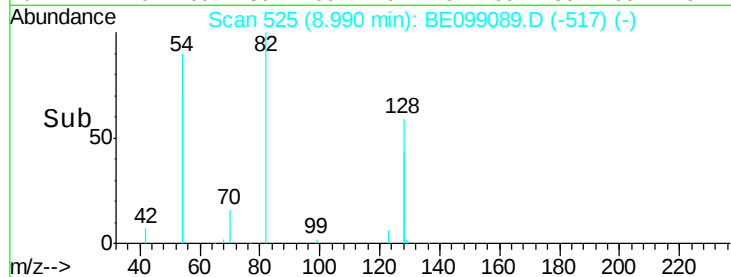
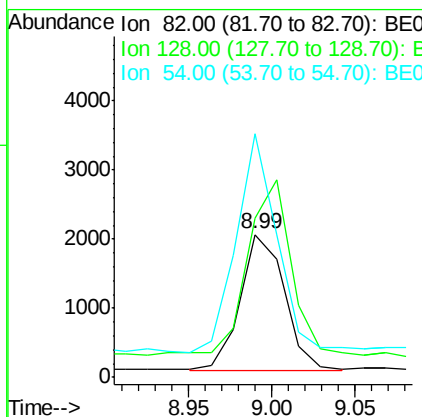
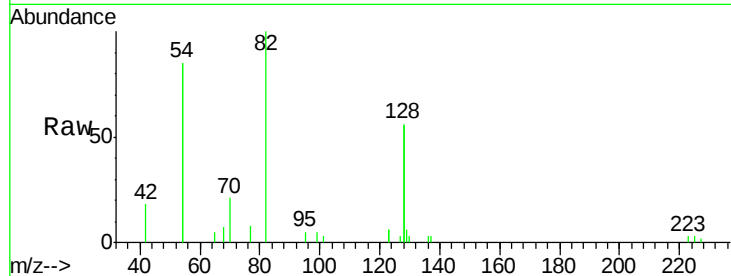
ClientSampleId :

INV-025-SW02-031319

Tgt Ion	Ratio	Lower	Upper
82	100		
128	55.8	123.8	185.8#
54	85.2	203.4	305.2#

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#11

2-Methylnaphthalene-d10

Concen: 0.408 ng

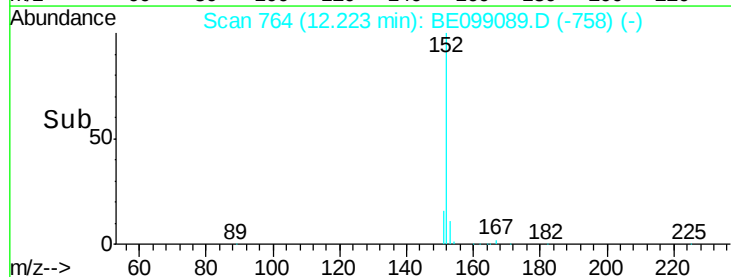
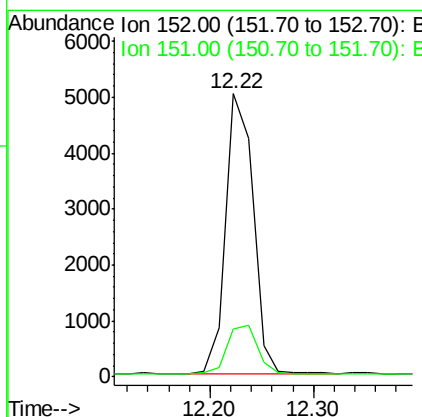
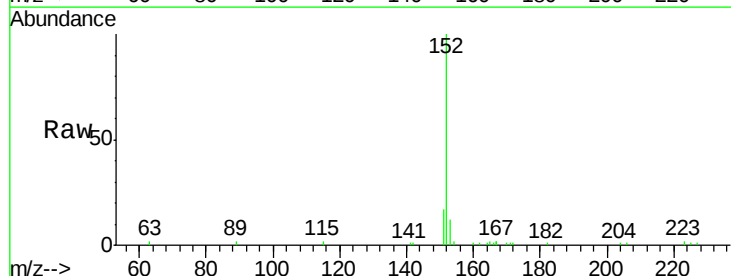
RT: 12.22 min Scan# 764

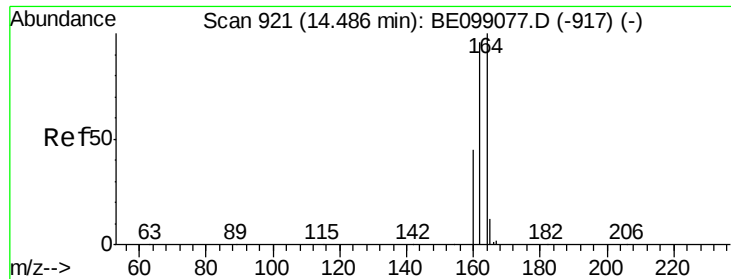
Delta R.T. -0.02 min

Lab File: BE099089.D

Acq: 22 Mar 2019 20:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.5	24.7





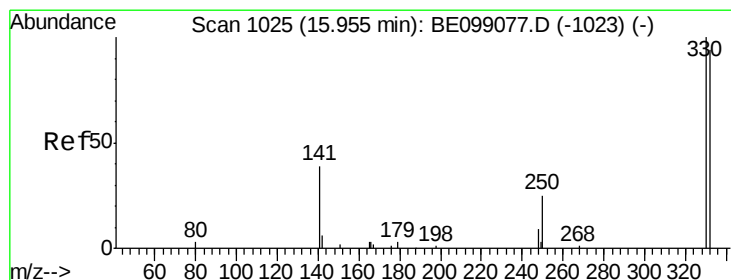
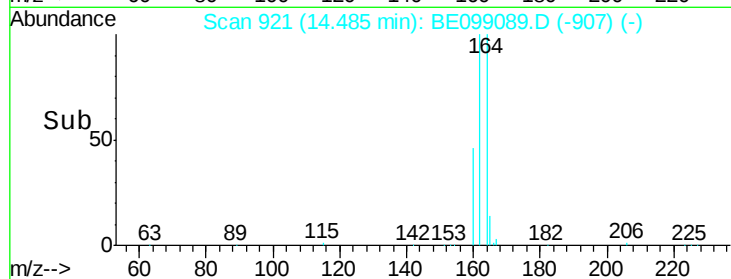
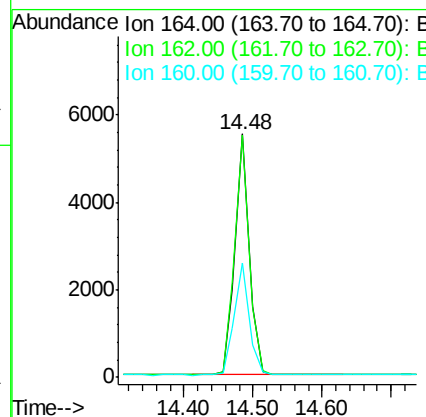
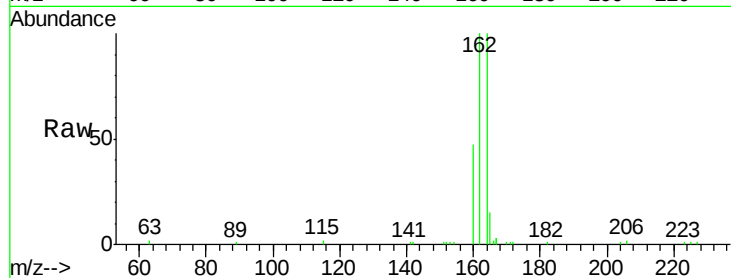
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.48 min Scan# 921
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
BNA_E
ClientSampleId :
INV-025-SW02-031319

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.2	120.2
160	47.0	37.8	56.8

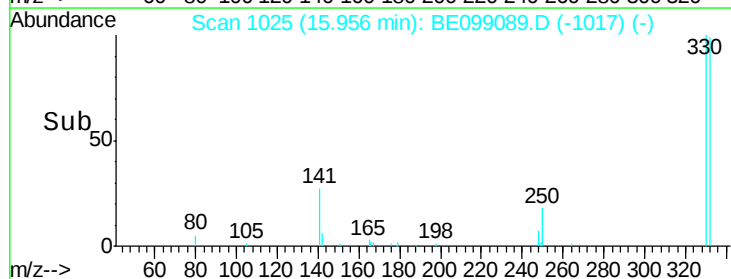
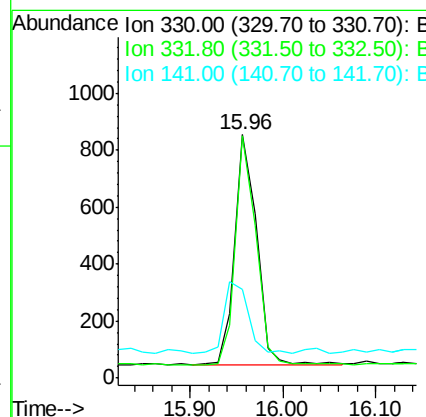
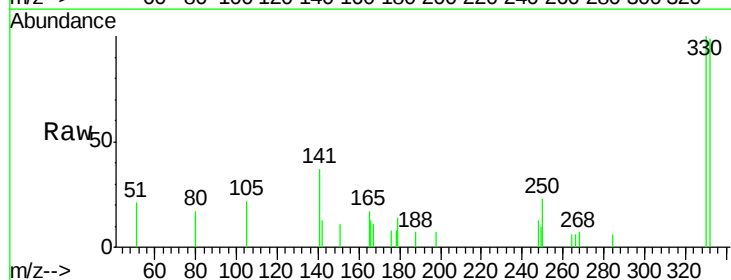
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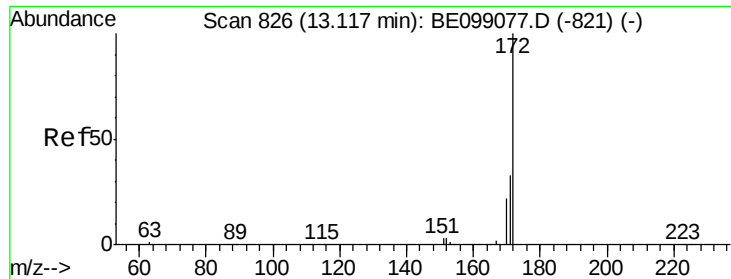
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#14
2,4,6-Tribromophenol
Concen: 0.552 ng
RT: 15.96 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.6	116.4
141	34.5	31.0	46.4





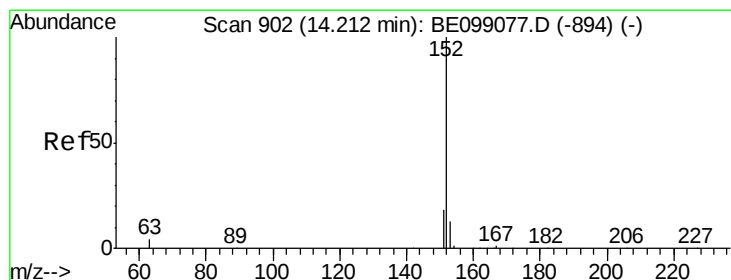
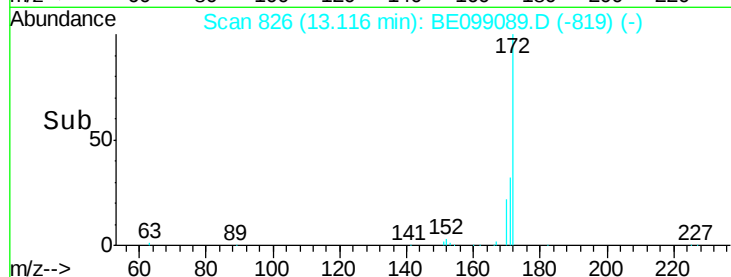
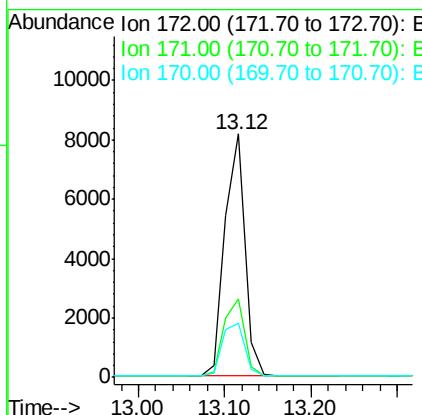
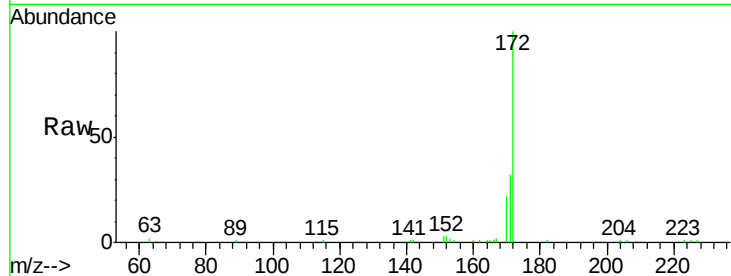
#15
2-Fluorobiphenyl
Concen: 0.411 ng
RT: 13.12 min Scan# 826
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.3	28.0	42.0
170	22.5	17.7	26.5

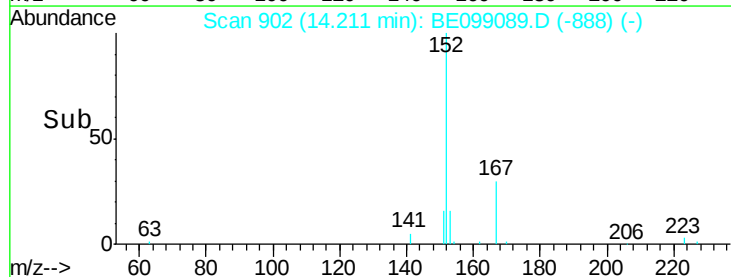
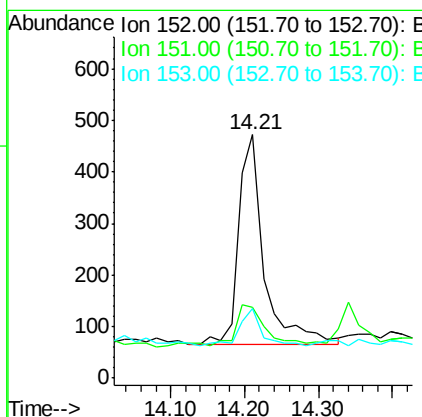
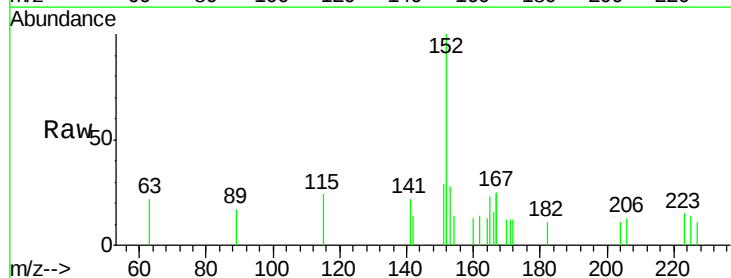
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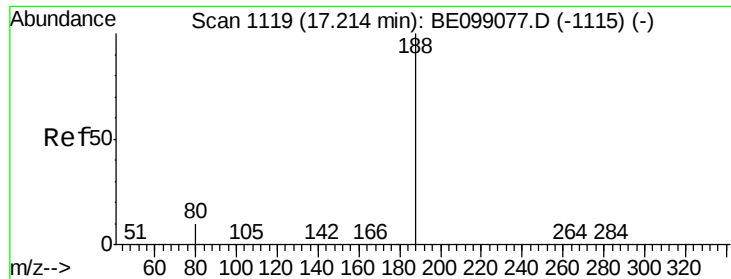
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#16
Acenaphthylene
Concen: 0.023 ng
RT: 14.21 min Scan# 902
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.0	25.6
153	15.9	11.2	16.8





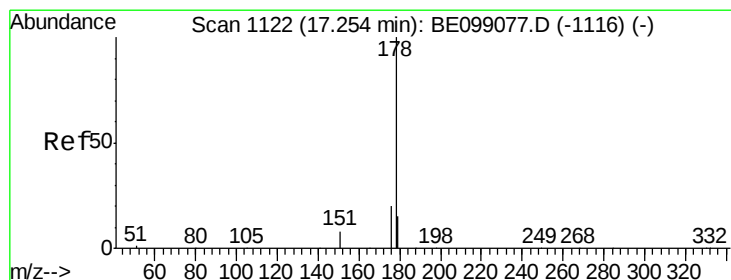
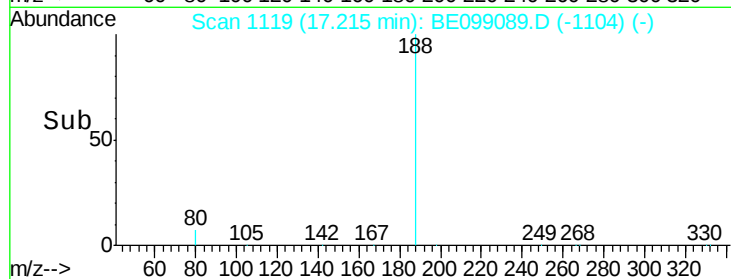
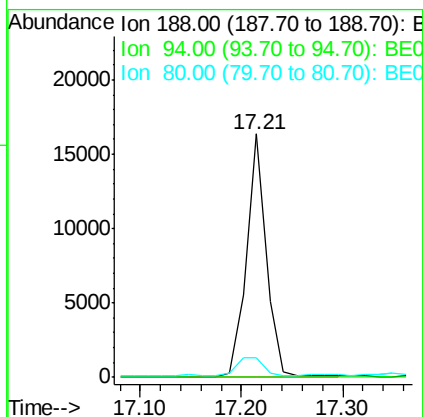
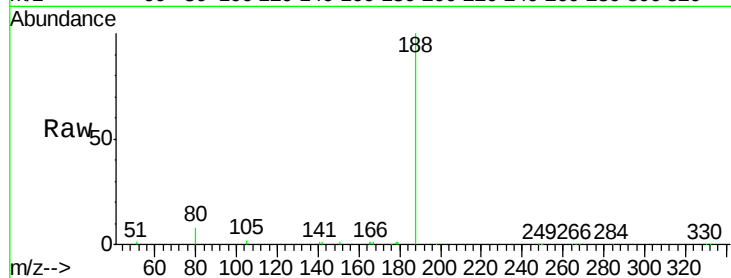
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.21 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
188	100	22089		
94	0.0	0.0	0.0	0.0
80	8.0	6.3	9.5	

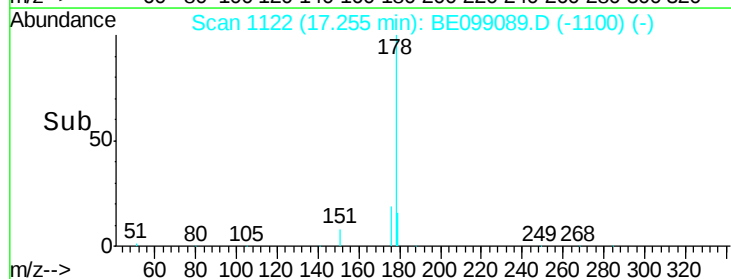
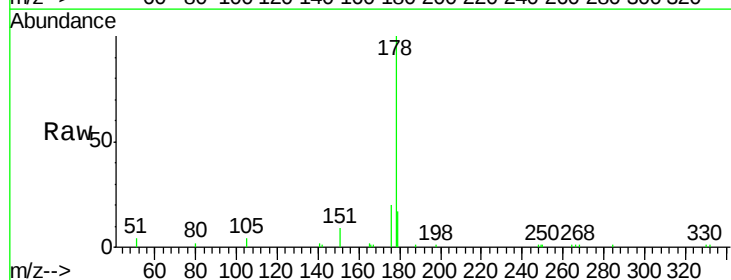
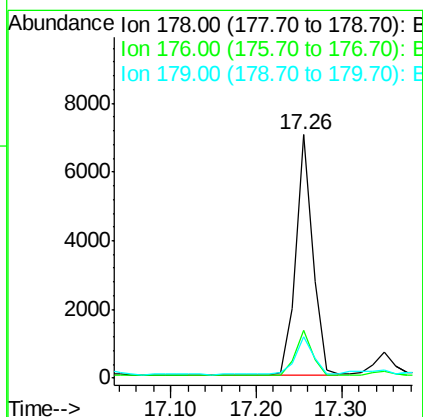
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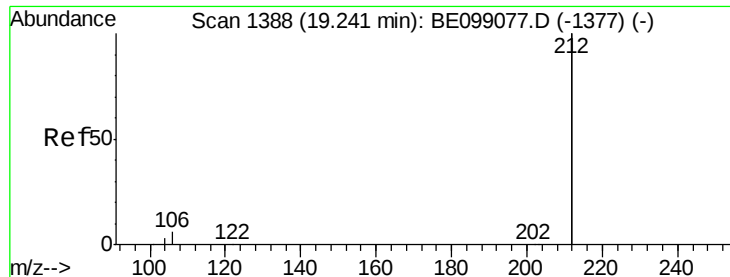
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#23
Phenanthrene
Concen: 0.147 ng
RT: 17.26 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	9662		
176	19.3	16.0	24.0	
179	16.4	12.1	18.1	





#25

Fluoranthene-d10

Concen: 0.387 ng

RT: 19.24 min Scan# 1388

Delta R.T. 0.00 min

Lab File: BE099089.D

Acq: 22 Mar 2019 20:47

Instrument :

BNA_E

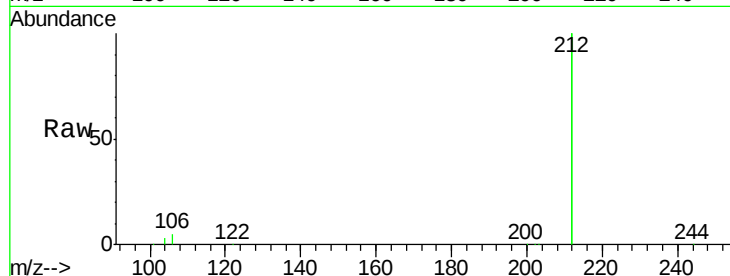
ClientSampleId :

INV-025-SW02-031319

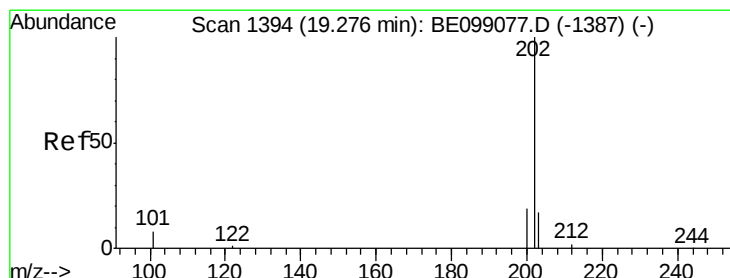
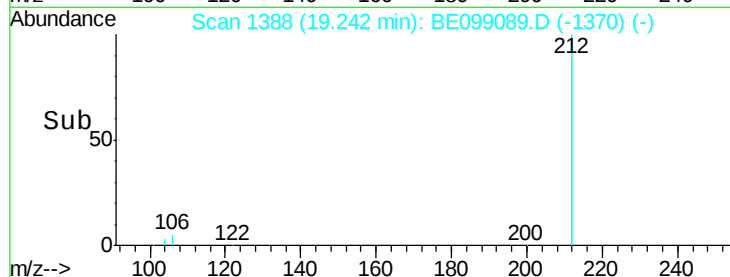
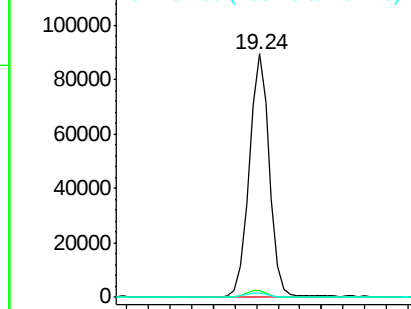
Tgt Ion	Ratio	Resp	Lower	Upper
212	100	113916		
106	2.7	1.8	2.8	
104	1.6	1.0	1.6	

Manual Integrations
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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



#26

Fluoranthene

Concen: 0.248 ng

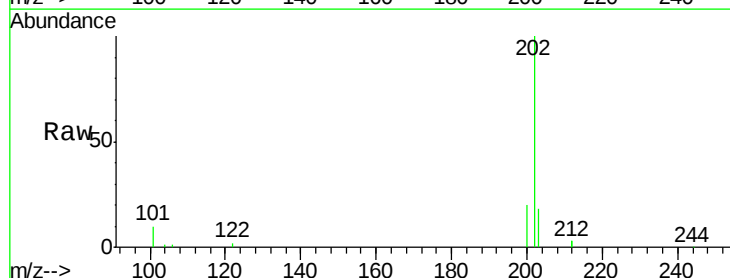
RT: 19.27 min Scan# 1393

Delta R.T. -0.00 min

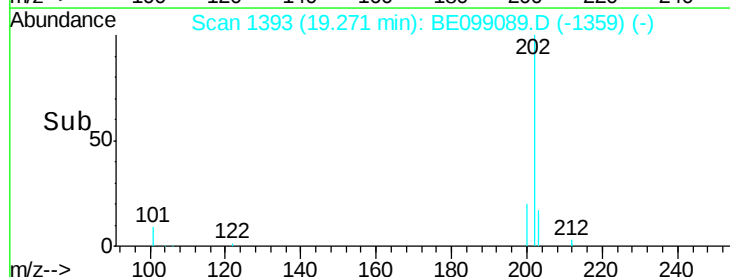
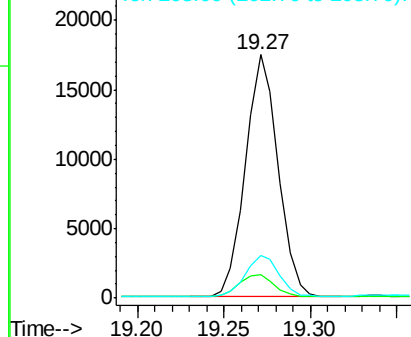
Lab File: BE099089.D

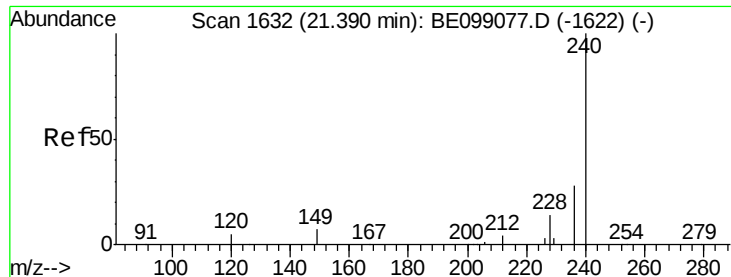
Acq: 22 Mar 2019 20:47

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	22876		
101	10.3	7.3	10.9	
203	17.0	13.4	20.2	



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





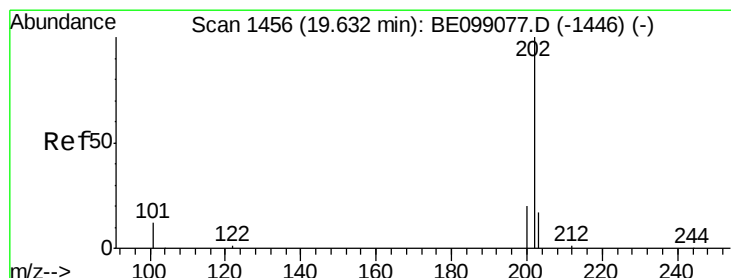
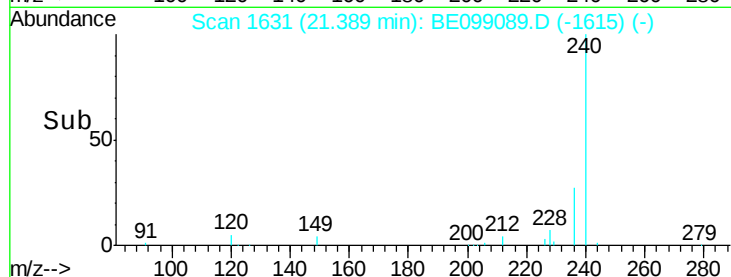
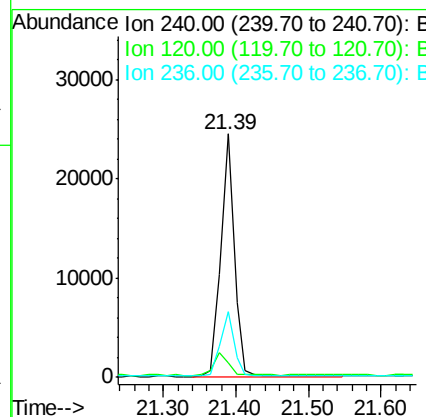
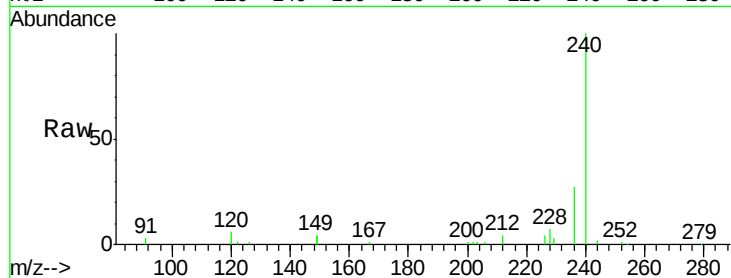
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
BNA_E
ClientSampleId :
INV-025-SW02-031319

Tgt Ion: 240 Resp: 31949
Ion Ratio Lower Upper
240 100
120 5.7 5.0 7.4
236 26.9 22.7 34.1

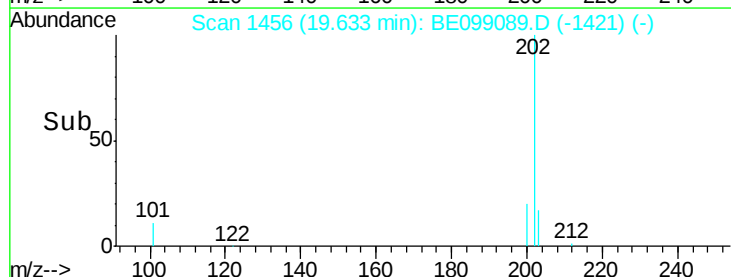
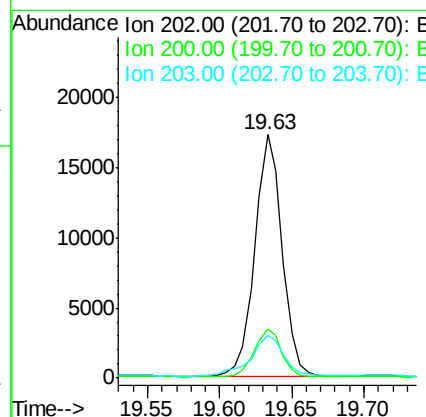
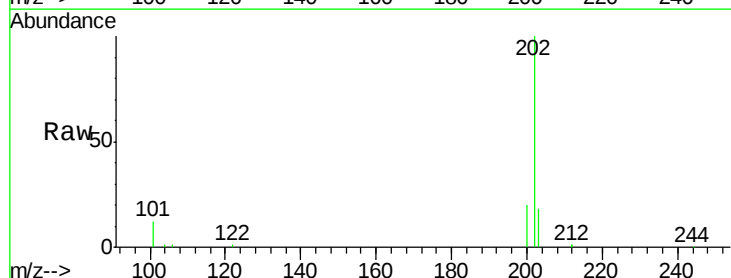
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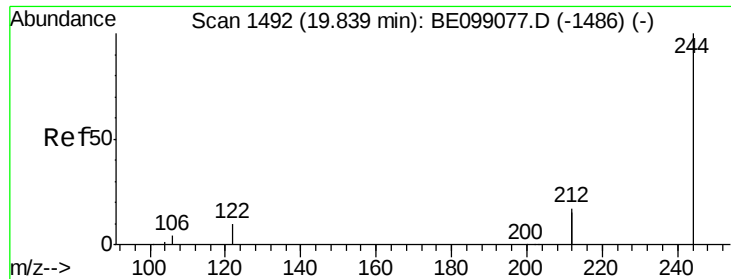
Sohil
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#28
Pyrene
Concen: 0.213 ng
RT: 19.63 min Scan# 1456
Delta R.T. 0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Tgt Ion: 202 Resp: 23058
Ion Ratio Lower Upper
202 100
200 20.3 17.0 25.6
203 20.4 14.2 21.2





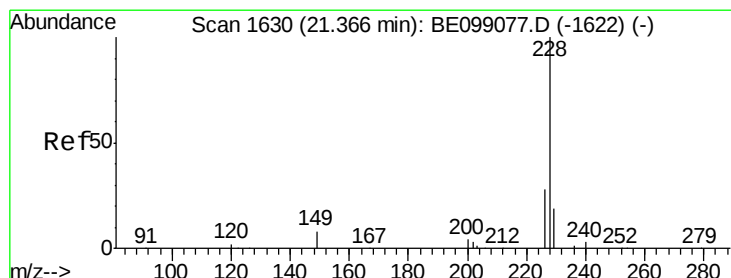
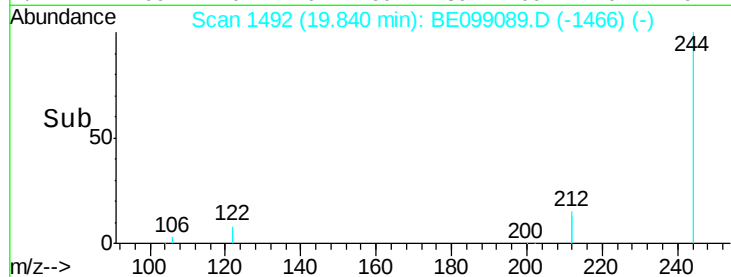
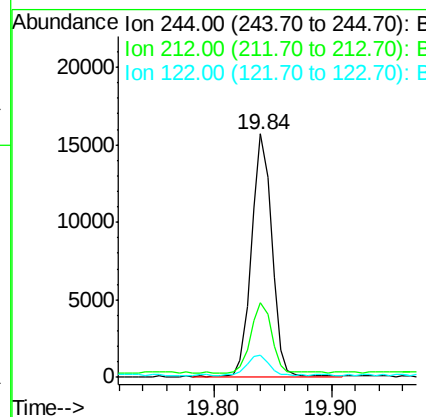
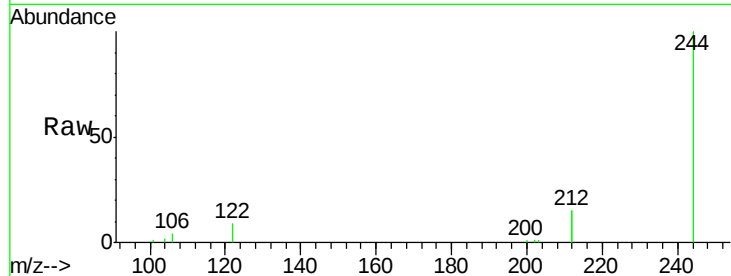
#29
 Terphenyl-d14
 Concen: 0.275 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. 0.00 min
 Lab File: BE099089.D
 Acq: 22 Mar 2019 20:47

Instrument :
 BNA_E
 ClientSampleId :
 INV-025-SW02-031319

Tgt Ion	Ratio	Lower	Upper
244	100		
212	30.6	29.4	44.2
122	9.2	7.1	10.7

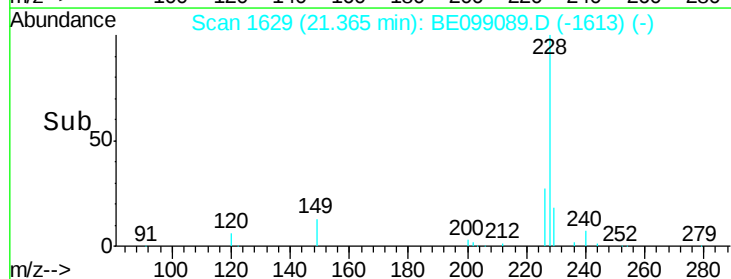
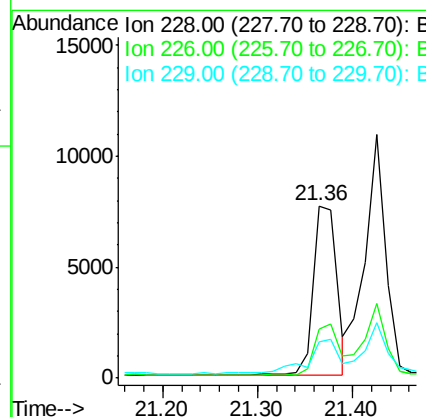
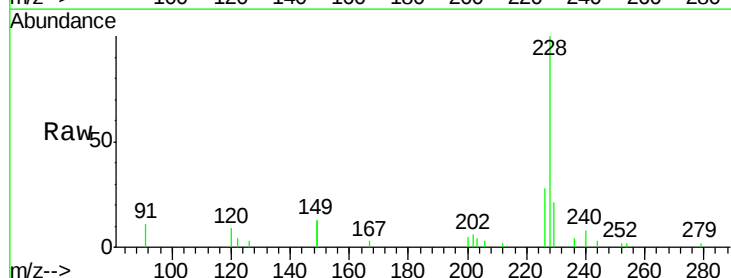
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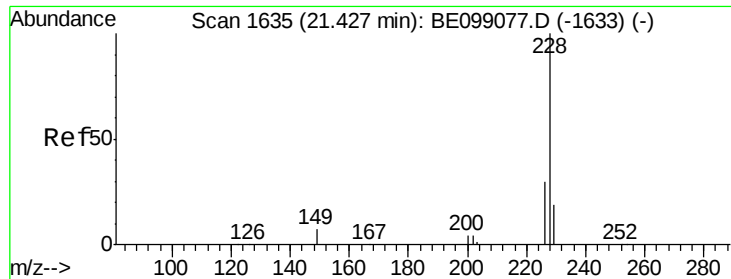
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#30
 Benzo(a)anthracene
 Concen: 0.118 ng
 RT: 21.36 min Scan# 1629
 Delta R.T. -0.00 min
 Lab File: BE099089.D
 Acq: 22 Mar 2019 20:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.0	34.4
229	21.4	16.5	24.7





#31

Chrysene

Concen: 0.148 ng

RT: 21.43 min Scan# 1634

Delta R.T. -0.00 min

Lab File: BE099089.D

Acq: 22 Mar 2019 20:47

Instrument :

BNA_E

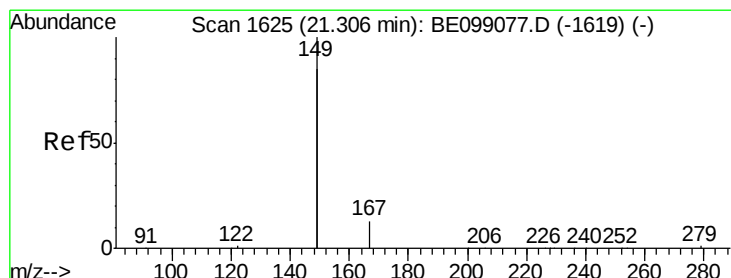
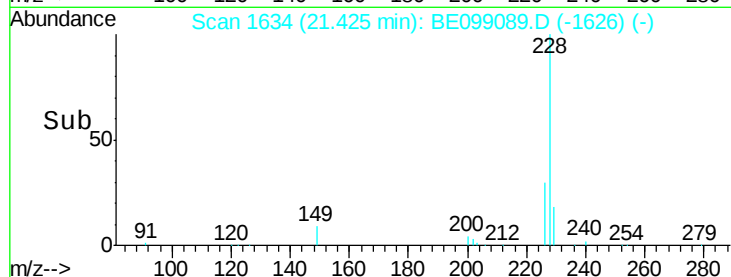
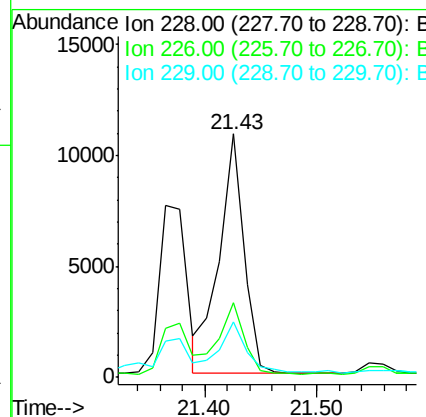
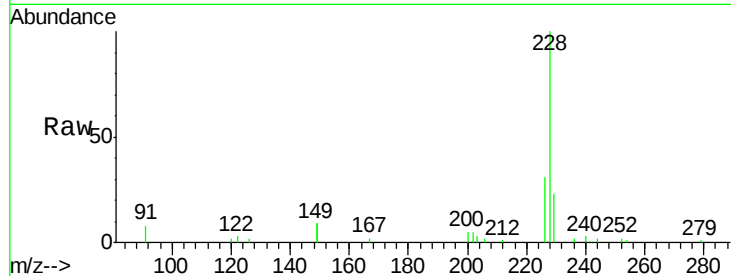
ClientSampleId :

INV-025-SW02-031319

Tgt Ion:	228	Resp:	16610
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.7	35.5
229	22.7	16.1	24.1

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.140 ng

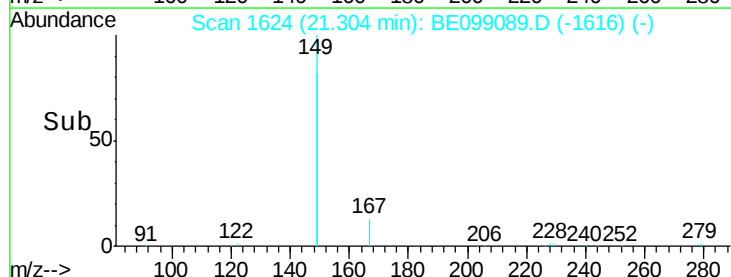
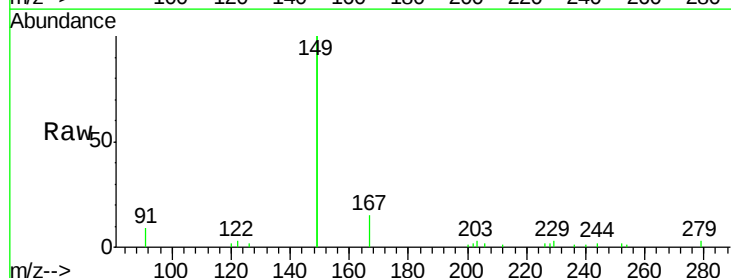
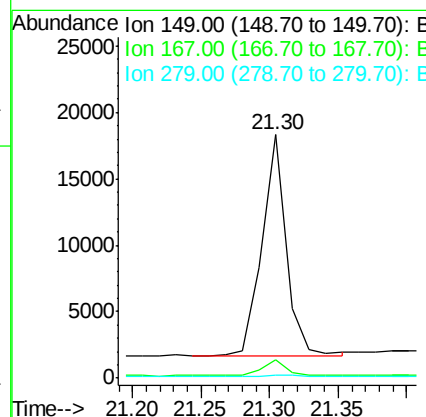
RT: 21.30 min Scan# 1624

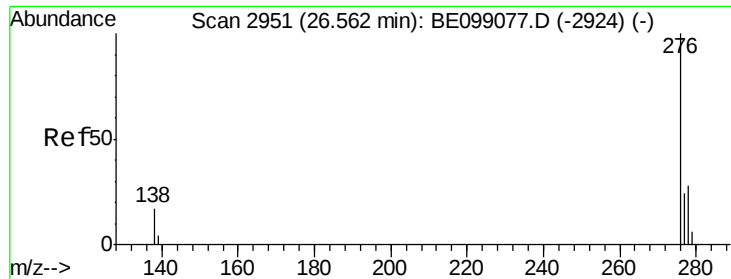
Delta R.T. -0.00 min

Lab File: BE099089.D

Acq: 22 Mar 2019 20:47

Tgt Ion:	149	Resp:	20489
Ion Ratio	Lower	Upper	
149	100		
167	6.9	5.4	8.0
279	1.0	1.0	1.4





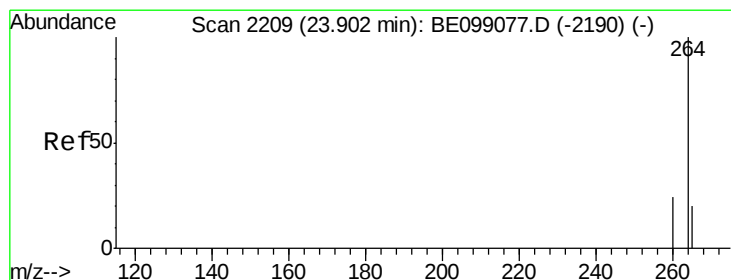
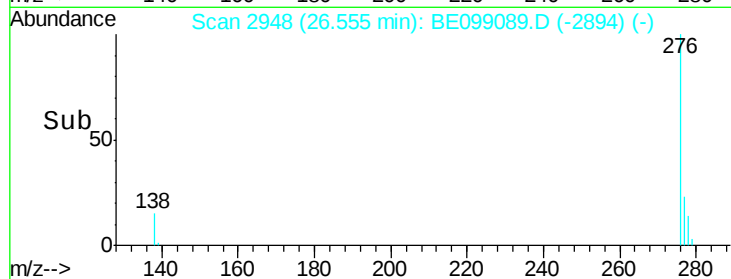
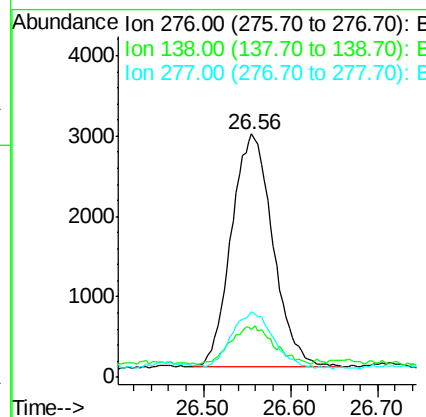
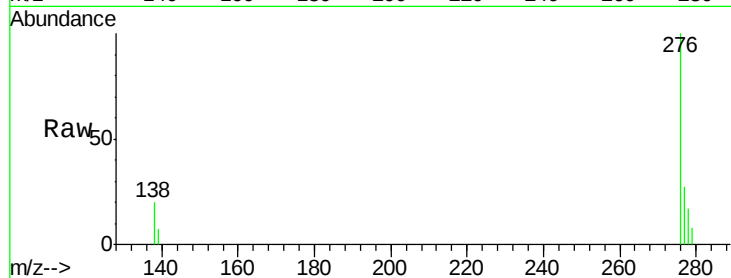
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.079 ng
 RT: 26.56 min Scan# 2948
 Delta R.T. -0.01 min
 Lab File: BE099089.D
 Acq: 22 Mar 2019 20:47

Instrument :
 BNA_E
 ClientSampleId :
 INV-025-SW02-031319

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.4	13.8	20.8
277	23.9	19.5	29.3

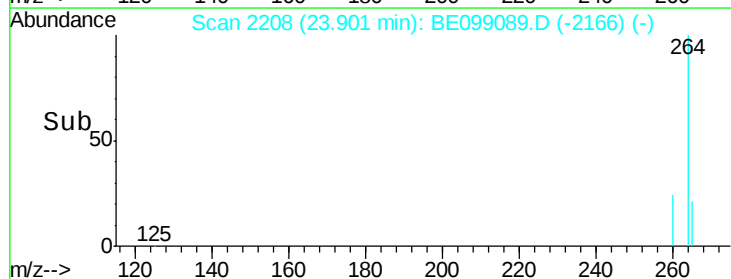
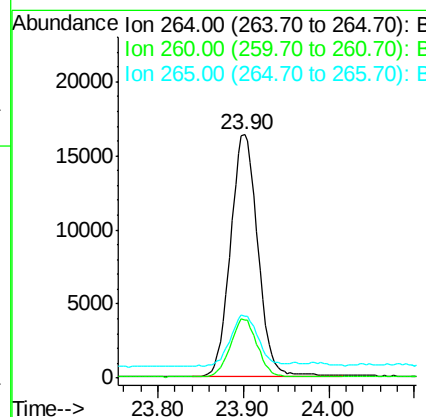
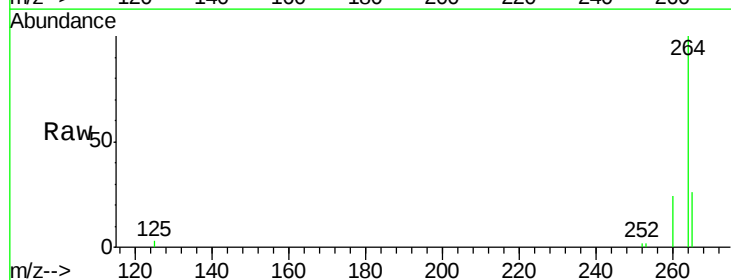
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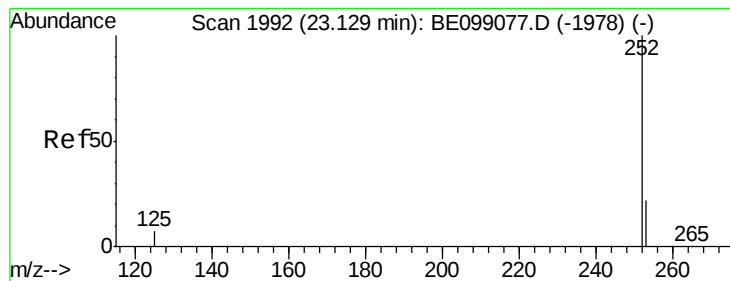
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.90 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: BE099089.D
 Acq: 22 Mar 2019 20:47

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	21.2	31.8
265	25.6	24.6	36.8





#35

Benzo(b)fluoranthene

Concen: 0.162 ng

RT: 23.13 min Scan# 1991

Delta R.T. -0.00 min

Lab File: BE099089.D

Acq: 22 Mar 2019 20:47

Instrument :

BNA_E

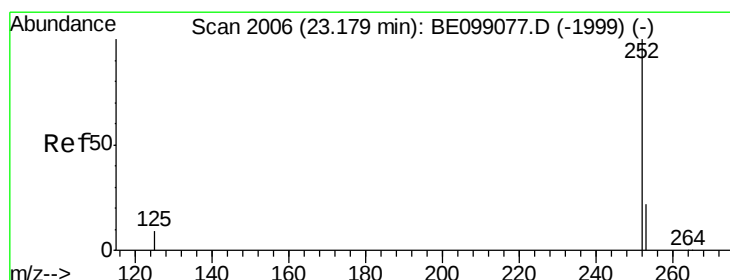
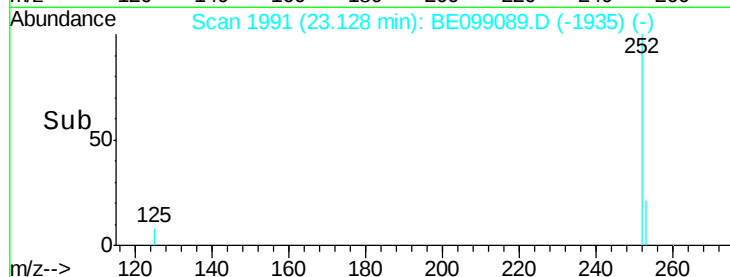
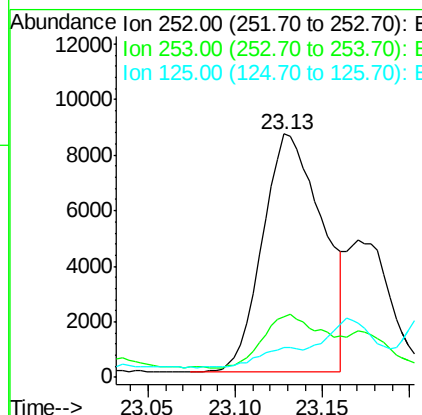
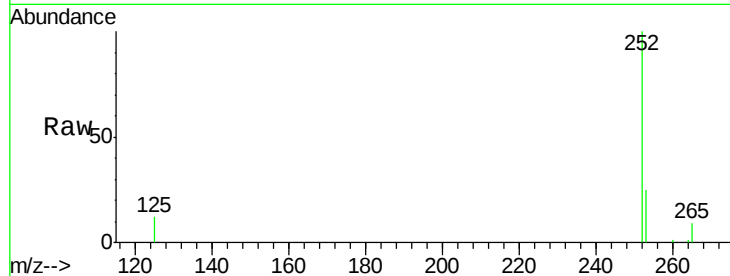
ClientSampleId :

INV-025-SW02-031319

Tgt Ion:	252	Resp:	20416
Ion Ratio	Lower	Upper	
252	100		
253	25.0	18.2	27.2
125	12.4	7.3	10.9#

Manual Integrations
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#36

Benzo(k)fluoranthene

Concen: 0.070 ng m

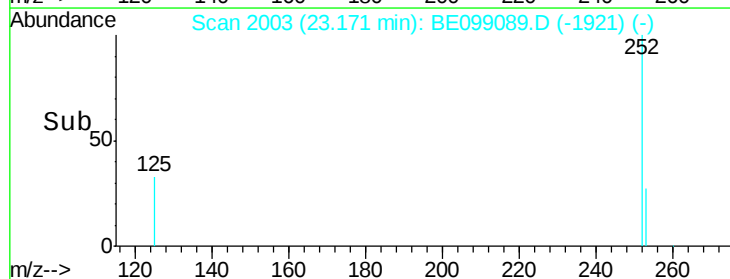
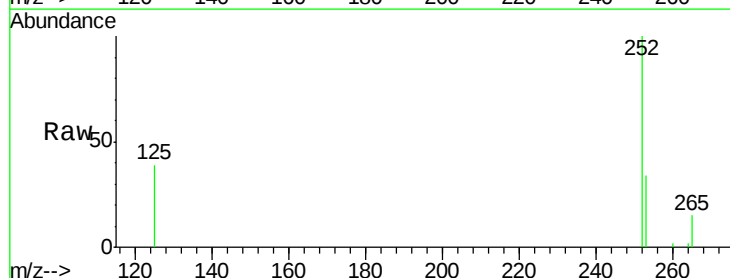
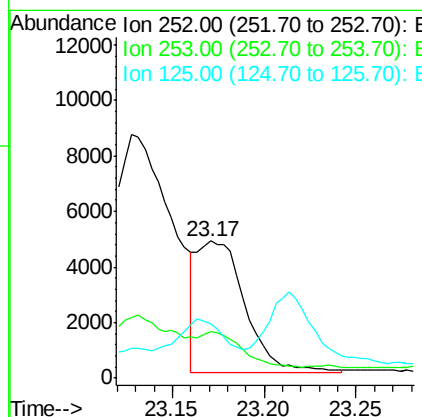
RT: 23.17 min Scan# 2003

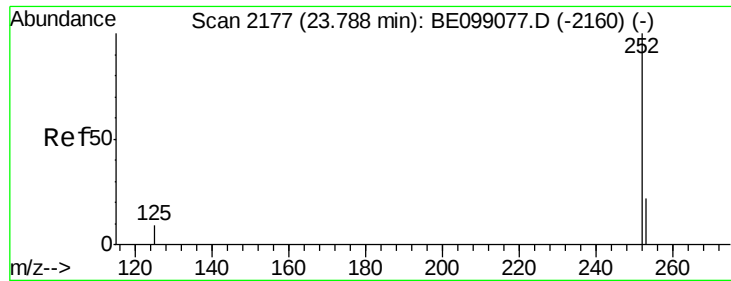
Delta R.T. -0.01 min

Lab File: BE099089.D

Acq: 22 Mar 2019 20:47

Tgt Ion:	252	Resp:	8705
Ion Ratio	Lower	Upper	
252	100		
253	34.1	19.3	28.9#
125	39.3	7.5	11.3#





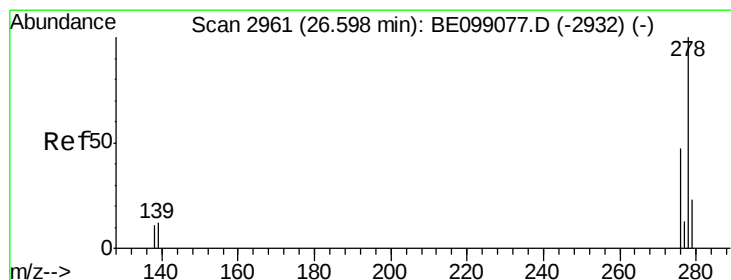
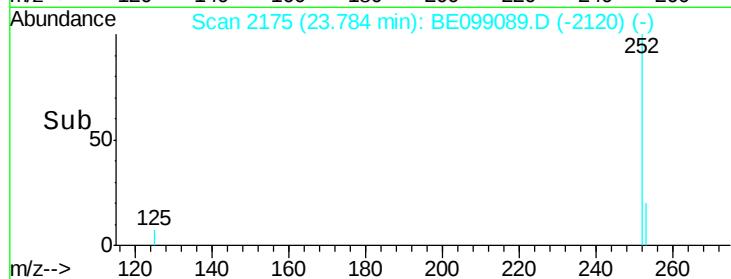
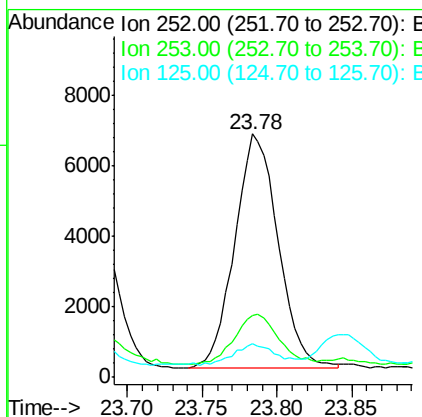
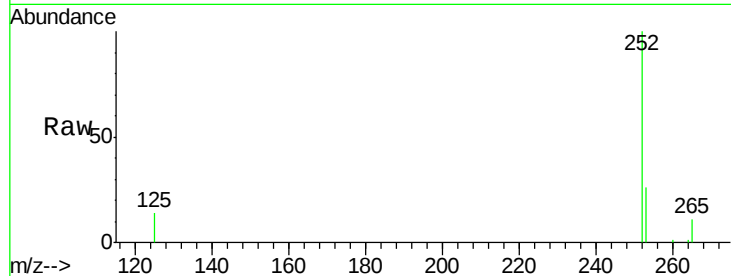
#37
Benzo(a)pyrene
Concen: 0.115 ng
RT: 23.78 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Instrument :
BNA_E
ClientSampleId :
INV-025-SW02-031319

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.9	29.9
125	13.6	9.0	13.4

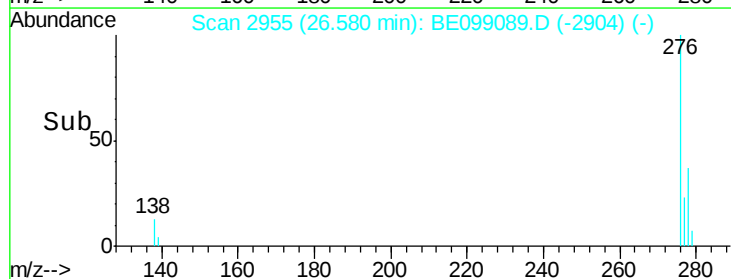
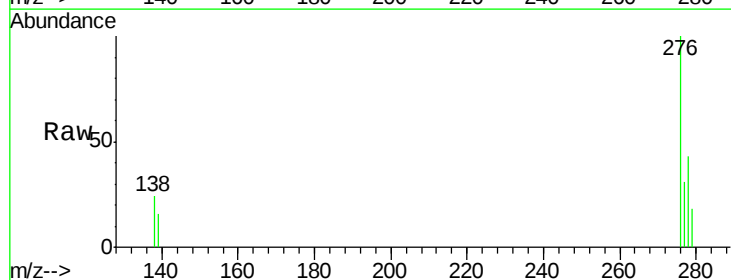
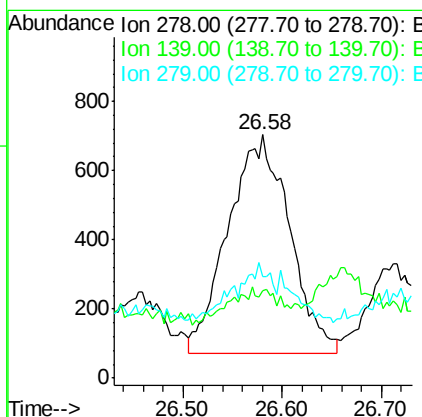
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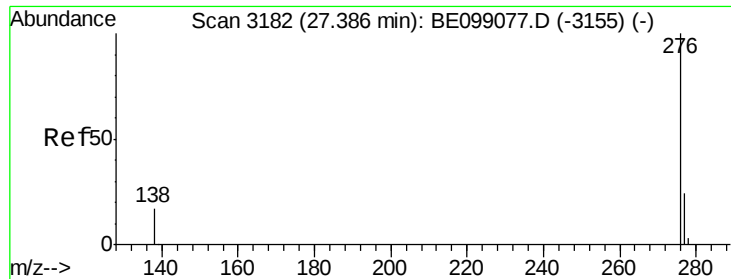
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#38
Dibenzo(a,h)anthracene
Concen: 0.024 ng m
RT: 26.58 min Scan# 2955
Delta R.T. -0.02 min
Lab File: BE099089.D
Acq: 22 Mar 2019 20:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	35.9	11.8	17.6
279	41.8	21.1	31.7





#39

Benzo(g,h,i)perylene

Concen: 0.083 ng

RT: 27.38 min Scan# 3179

Delta R.T. -0.01 min

Lab File: BE099089.D

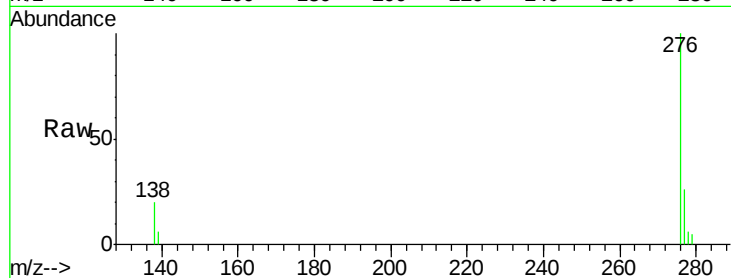
Acq: 22 Mar 2019 20:47

Instrument :

BNA_E

ClientSampleId :

INV-025-SW02-031319



Tgt Ion:	276	Resp:	9675
Ion Ratio	Lower	Upper	
276	100		
277	25.5	20.4	30.6
138	20.1	13.6	20.4

Manual Integrations
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