

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
 Data File : BE099462.D
 Acq On : 1 May 2019 14:07
 Operator : JU/SJ
 Sample : K2589-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B186-042419

Manual Integrations
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Sohil
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Quant Time: May 02 08:13:25 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Apr 29 18:36:43 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	1767	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	6523	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	5334	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	18246	0.40	ng	0.00
27) Chrysene-d12	21.37	240	23183	0.40	ng	0.00
34) Perylene-d12	23.87	264	26202	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	2005	0.41	ng	0.00
5) Phenol-d6	6.98	99	2842	0.44	ng	0.00
8) Nitrobenzene-d5	8.96	82	2197	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	4370	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1458	0.43	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	6609	0.32	ng	0.00
25) Fluoranthene-d10	19.22	212	89654	0.36	ng	0.00
29) Terphenyl-d14	19.81	244	18784	0.44	ng	0.00

Target Compounds

						Qvalue
23) Phenanthrene	17.23	178	3890	0.083	ng	98
26) Fluoranthene	19.25	202	5216	0.074	ng	# 97
28) Pyrene	19.61	202	5670	0.094	ng	96
30) Benzo(a)anthracene	21.34	228	2870	0.039	ng	# 84
31) Chrysene	21.40	228	3426	0.047	ng	# 88
33) Indeno(1,2,3-cd)pyrene	26.51	276	2019	0.024	ng	97
35) Benzo(b)fluoranthene	23.10	252	4062	0.054	ng	# 32
36) Benzo(k)fluoranthene	23.15	252	1566m	0.021	ng	
37) Benzo(a)pyrene	23.75	252	2683	0.038	ng	# 33
39) Benzo(g,h,i)perylene	27.32	276	2122m	0.029	ng	

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

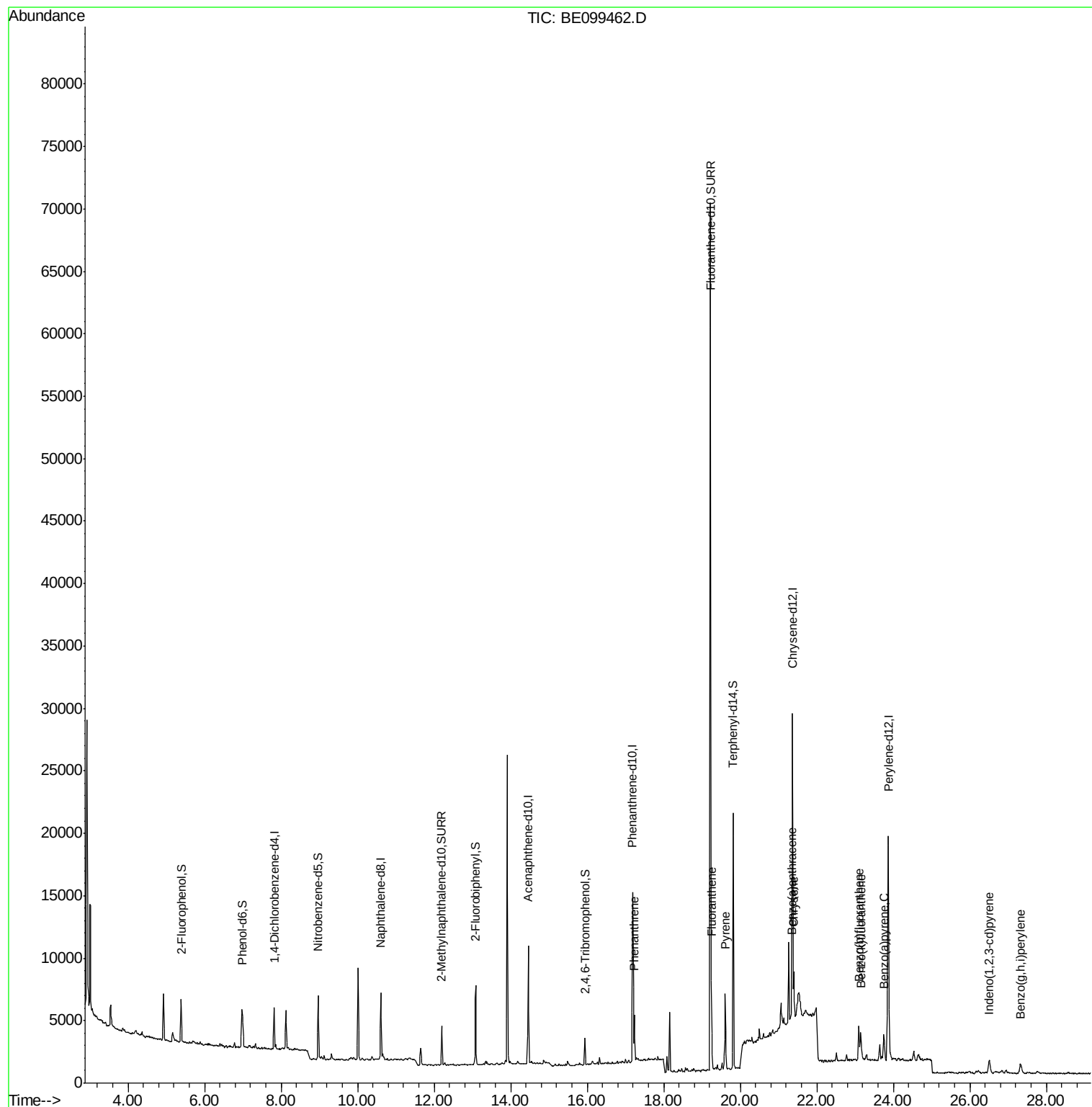
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050119\
Data File : BE099462.D
Acq On : 1 May 2019 14:07
Operator : JU/SJ
Sample : K2589-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

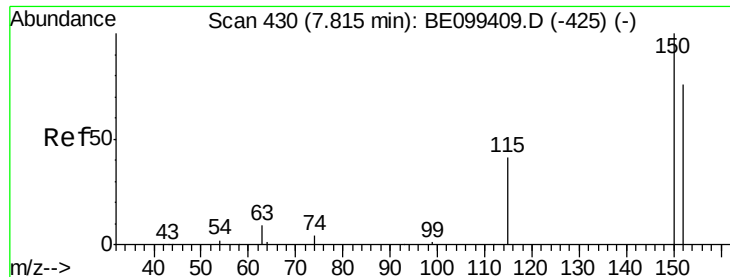
Instrument :
BNA_E
ClientSampleId :
PST-001-B186-042419

Quant Time: May 02 08:13:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE042919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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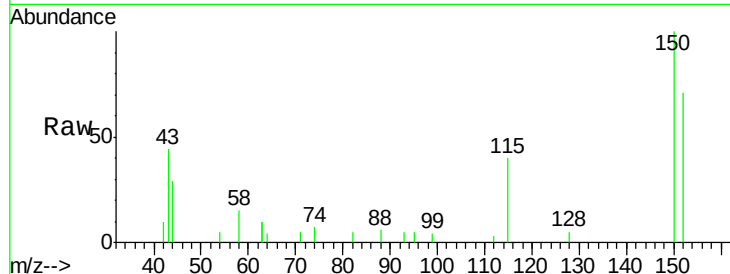




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.82 min Scan# 430
Delta R.T. 0.00 min
Lab File: BE099462.D
Acq: 1 May 2019 14:07

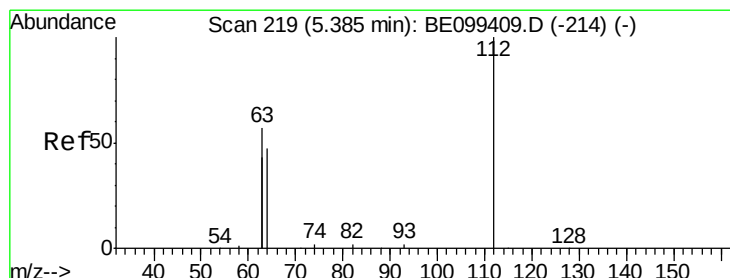
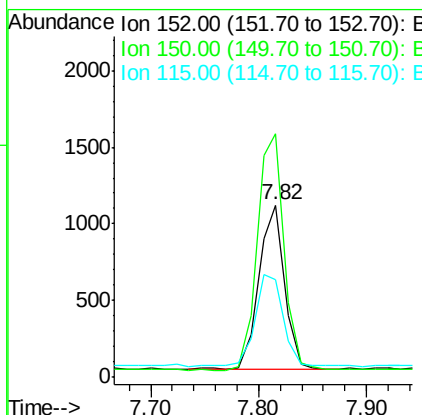
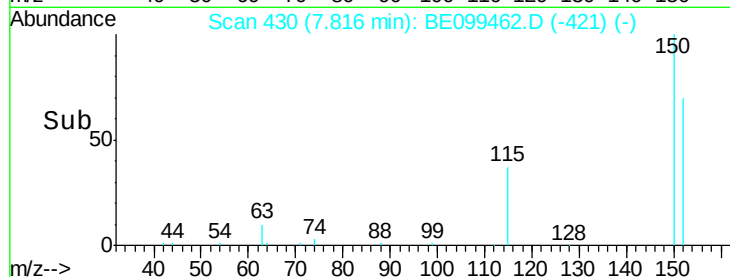
Instrument :
BNA_E
ClientSampleId :
PST-001-B186-042419



Tgt Ion	Ratio	Lower	Upper
152	100		
150	141.6	104.8	157.2
115	57.0	46.6	69.8

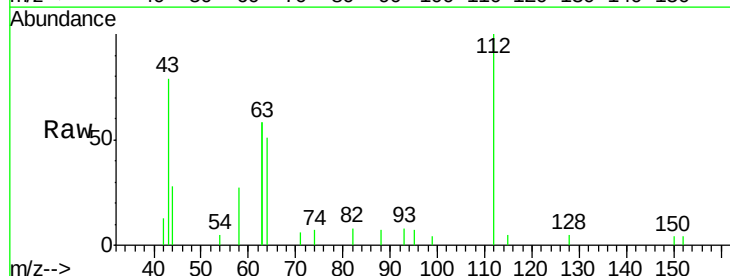
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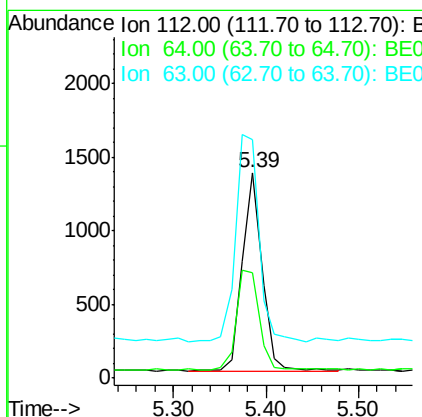
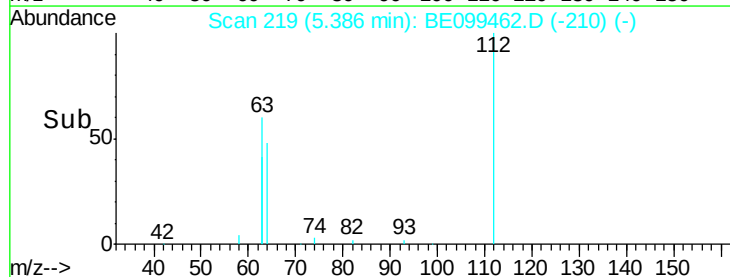


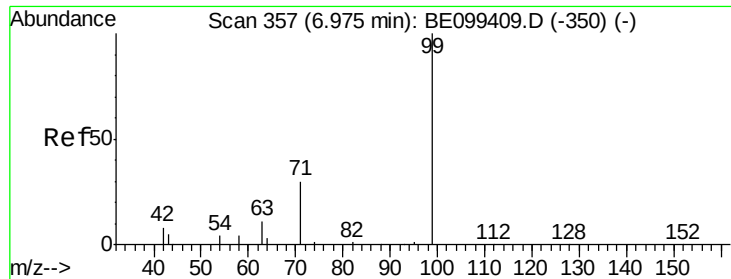
#4

2-Fluorophenol
Concen: 0.410 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099462.D
Acq: 1 May 2019 14:07



Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.2	47.4	71.0
63	124.1	104.3	156.5





#5

Phenol-d6

Concen: 0.437 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.00 min

Lab File: BE099462.D

Acq: 1 May 2019 14:07

Instrument :

BNA_E

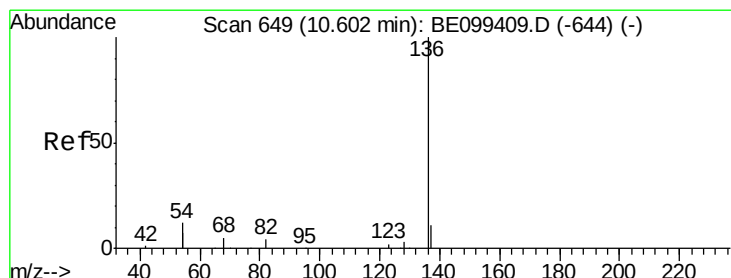
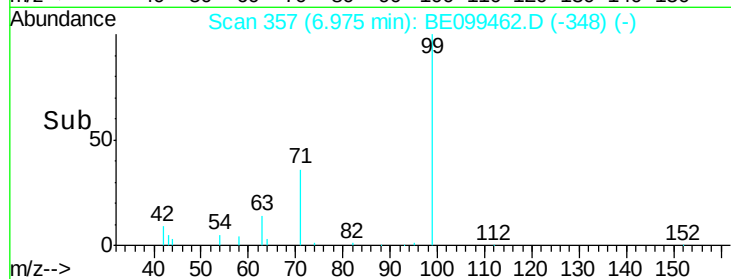
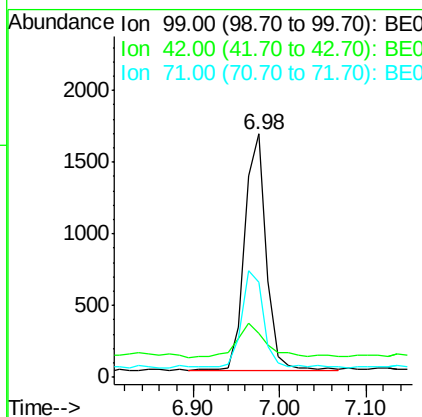
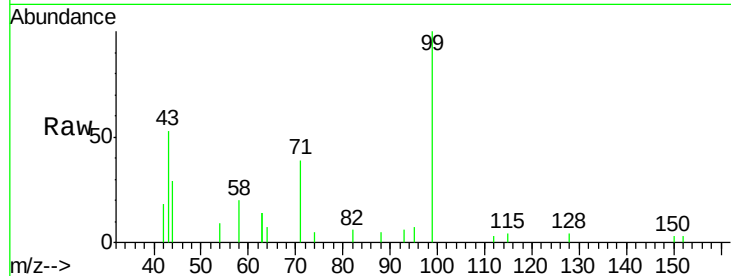
ClientSampleId :

PST-001-B186-042419

Tgt Ion:	99	Resp:	2842
Ion	Ratio	Lower	Upper
99	100		
42	19.3	14.9	22.3
71	40.5	33.0	49.6

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#7

Naphthalene-d8

Concen: 0.400 ng

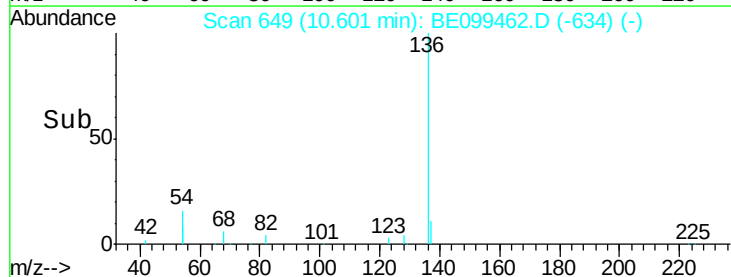
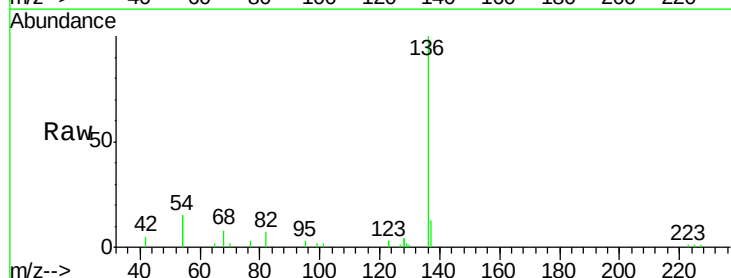
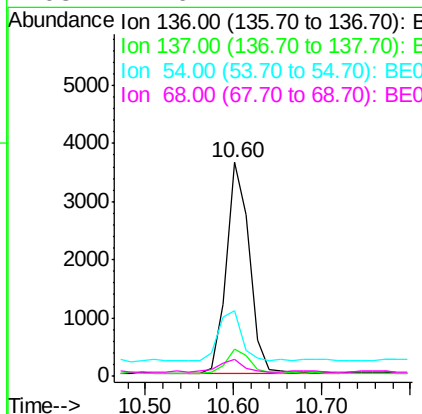
RT: 10.60 min Scan# 649

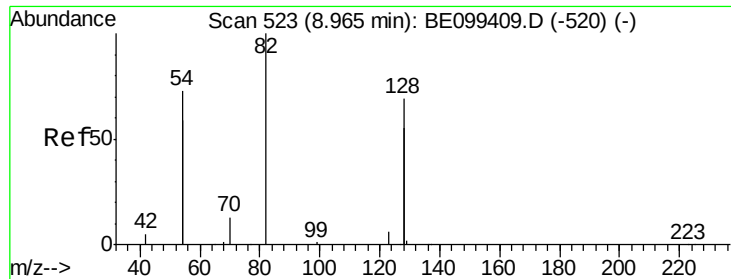
Delta R.T. -0.00 min

Lab File: BE099462.D

Acq: 1 May 2019 14:07

Tgt Ion:	136	Resp:	6523
Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.8	14.8
54	30.7	18.5	27.7#
68	7.6	4.7	7.1#





#8

Nitrobenzene-d5

Concen: 0.359 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099462.D

Acq: 1 May 2019 14:07

Instrument :

BNA_E

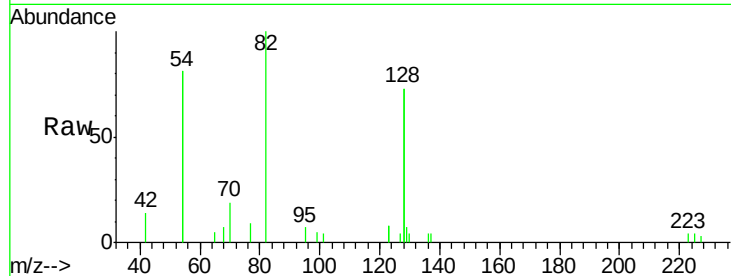
ClientSampleId :

PST-001-B186-042419

Tgt Ion:	82	Resp:	2197
Ion	Ratio	Lower	Upper
82	100		
128	146.2	107.0	160.4
54	161.5	113.1	169.7

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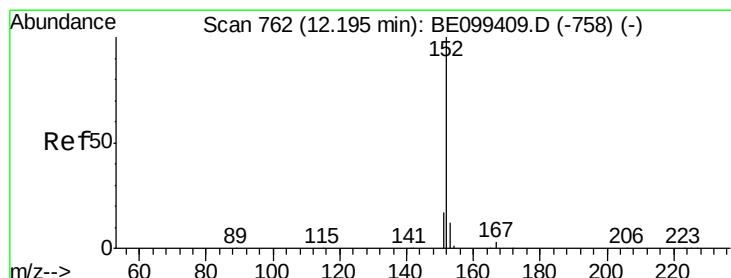
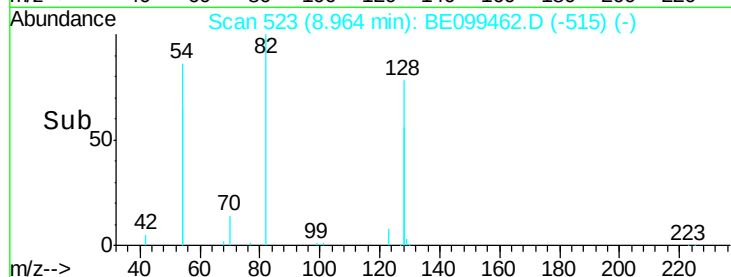
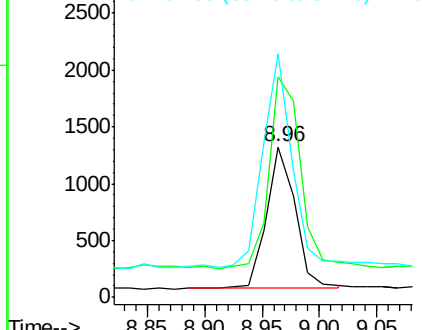
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Abundance Ion 82.00 (81.70 to 82.70): BE099409.D (-520) (-)

Ion 128.00 (127.70 to 128.70): BE099409.D (-520) (-)

Ion 54.00 (53.70 to 54.70): BE099409.D (-520) (-)



#11

2-Methylnaphthalene-d10

Concen: 0.372 ng

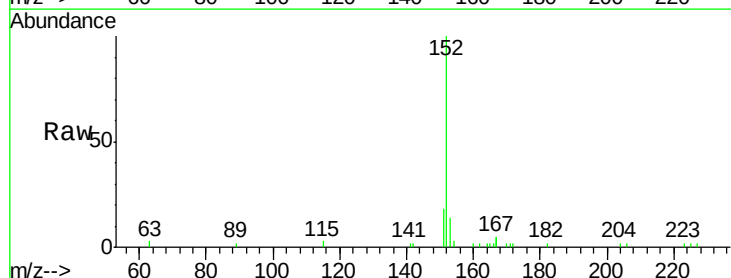
RT: 12.19 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE099462.D

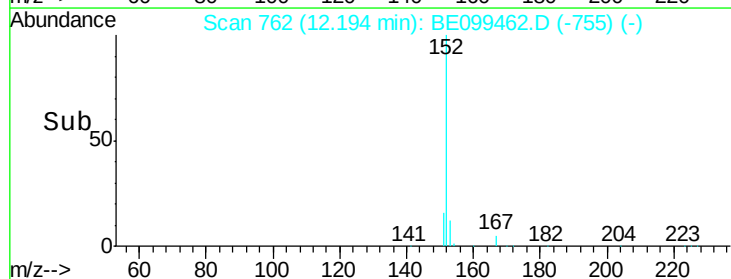
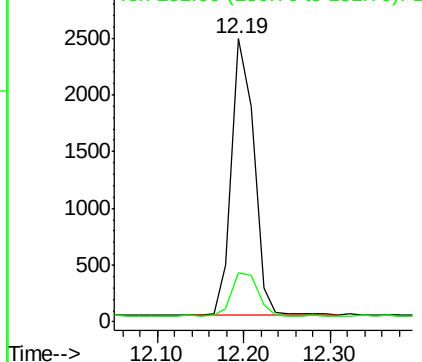
Acq: 1 May 2019 14:07

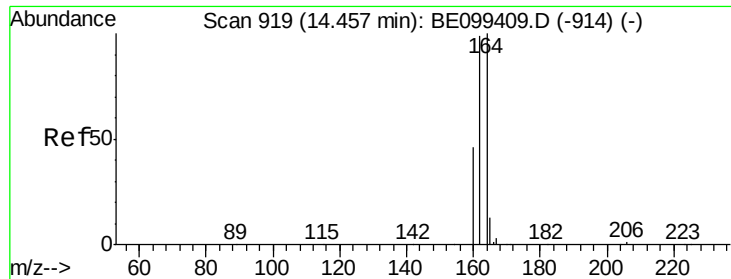
Tgt Ion:	152	Resp:	4370
Ion	Ratio	Lower	Upper
152	100		
151	18.5	15.5	23.3



Abundance Ion 152.00 (151.70 to 152.70): BE099409.D (-758) (-)

Ion 151.00 (150.70 to 151.70): BE099409.D (-758) (-)





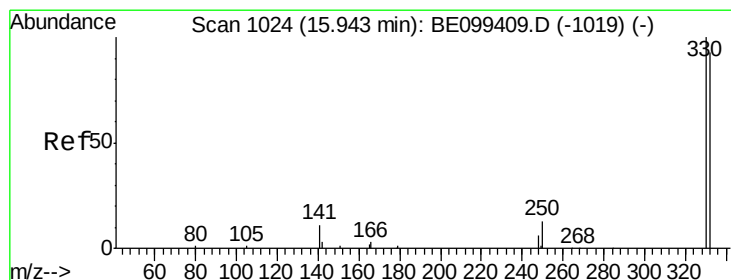
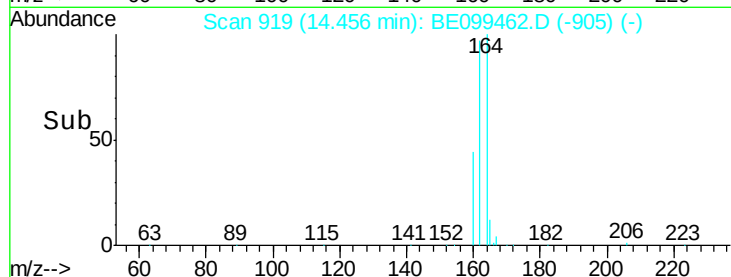
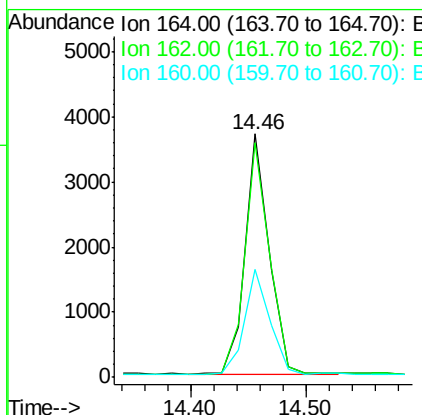
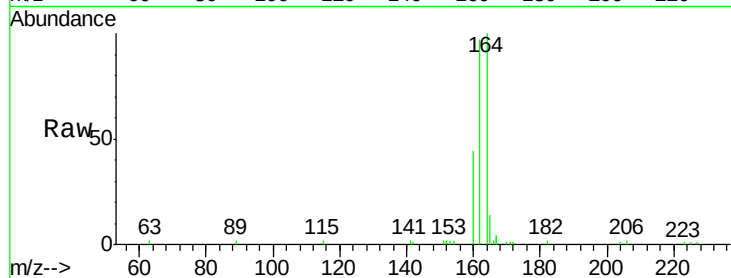
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. -0.00 min
Lab File: BE099462.D
Acq: 1 May 2019 14:07

Instrument :
BNA_E
ClientSampleId :
PST-001-B186-042419

Tgt Ion:164 Resp: 5334
Ion Ratio Lower Upper
164 100
162 96.5 79.0 118.4
160 44.5 37.0 55.4

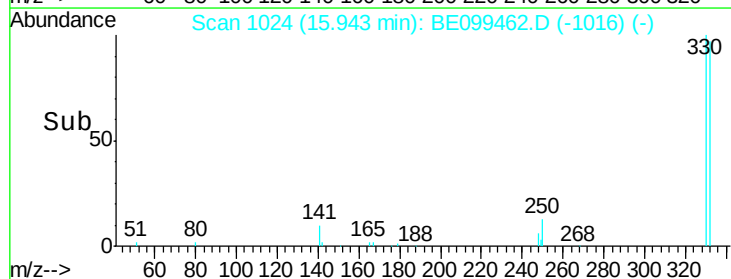
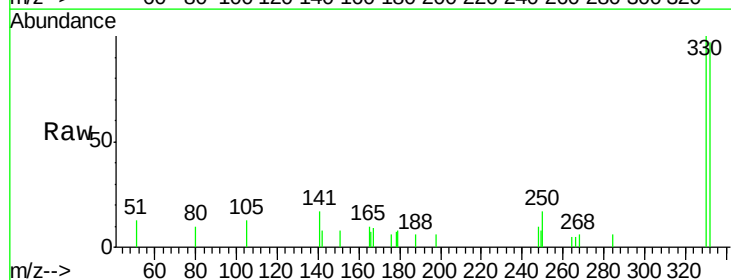
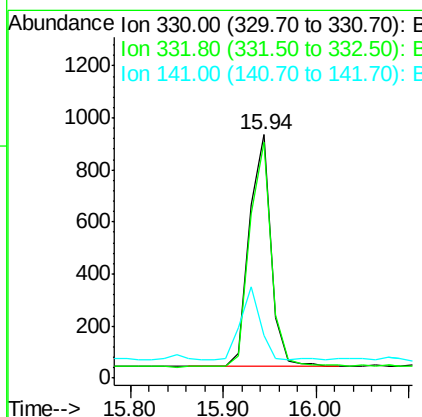
Manual Integrations
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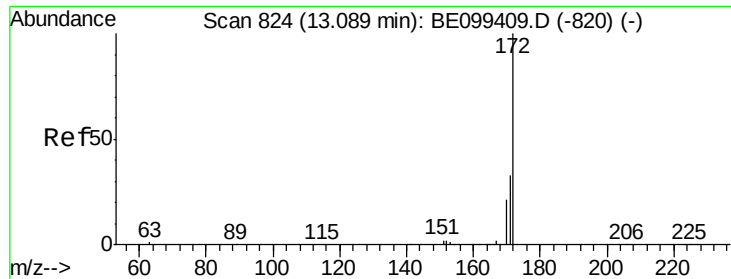
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#14
2,4,6-Tribromophenol
Concen: 0.434 ng
RT: 15.94 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BE099462.D
Acq: 1 May 2019 14:07

Tgt Ion:330 Resp: 1458
Ion Ratio Lower Upper
330 100
332 97.4 71.5 107.3
141 28.0 24.0 36.0





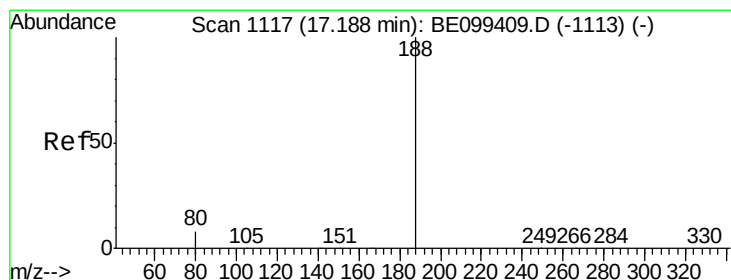
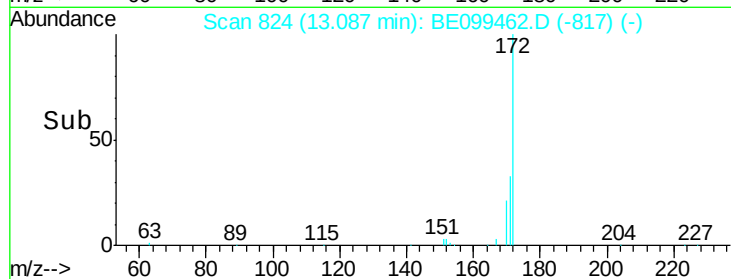
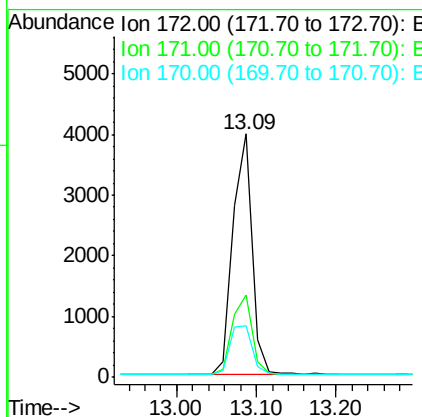
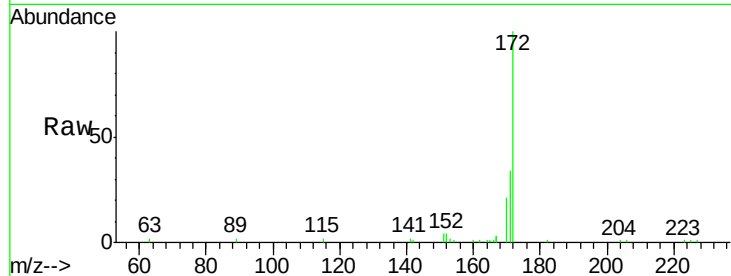
#15
 2-Fluorobiphenyl
 Concen: 0.325 ng
 RT: 13.09 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BE099462.D
 Acq: 1 May 2019 14:07

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B186-042419

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	26.6	39.8
170	21.4	17.0	25.6

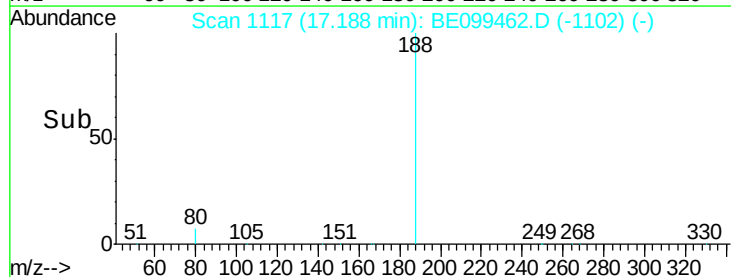
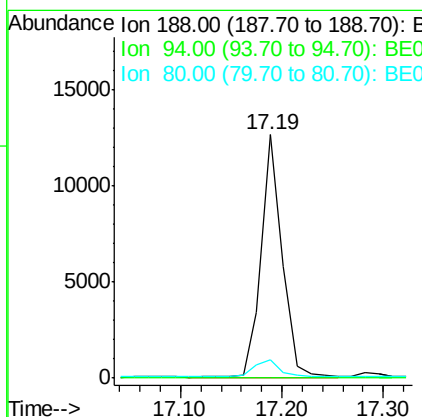
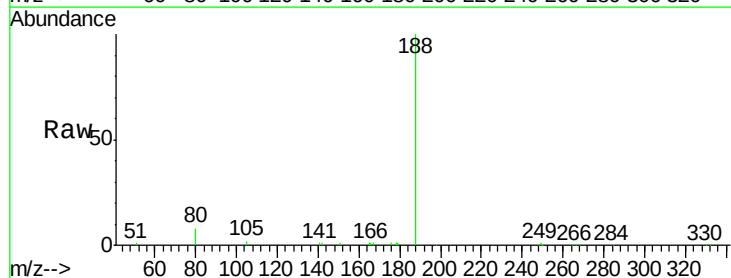
Manual Integrations
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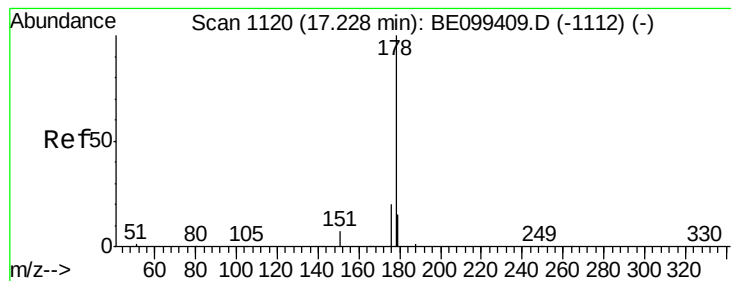
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#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.19 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BE099462.D
 Acq: 1 May 2019 14:07

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	6.7	10.1





#23

Phenanthrene

Concen: 0.083 ng

RT: 17.23 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE099462.D

Acq: 1 May 2019 14:07

Instrument :

BNA_E

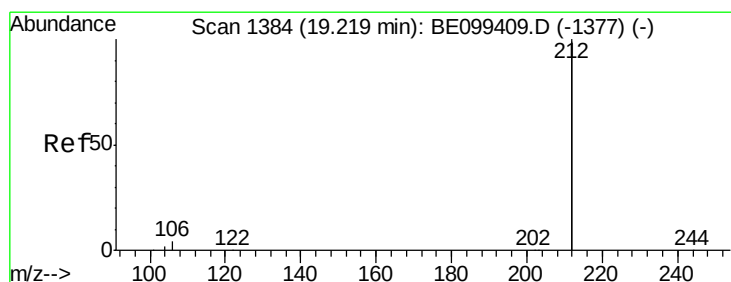
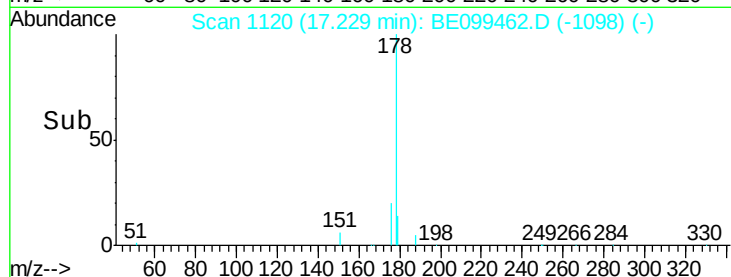
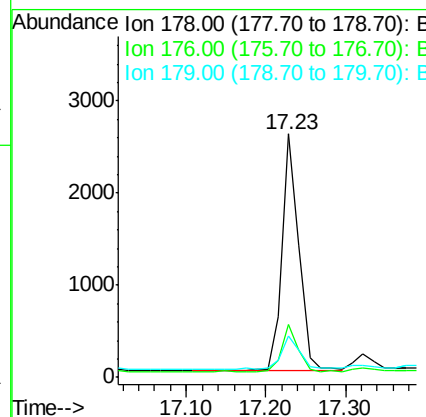
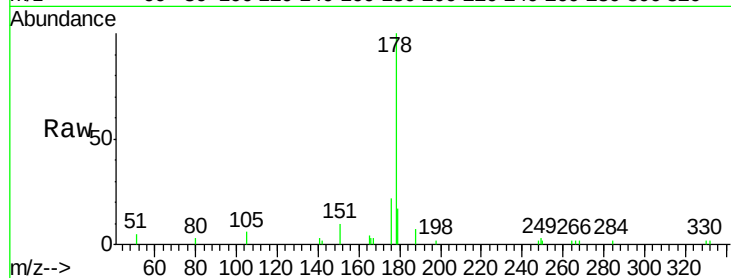
ClientSampleId :

PST-001-B186-042419

Tgt Ion:	178	Resp:	3890
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.6	23.4
179	16.1	12.0	18.0

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#25

Fluoranthene-d10

Concen: 0.365 ng

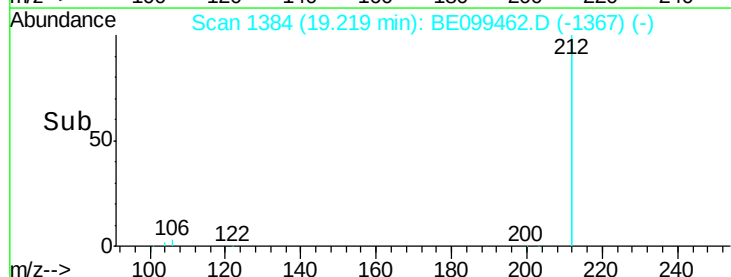
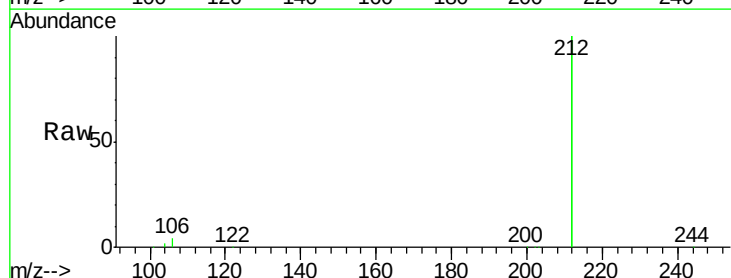
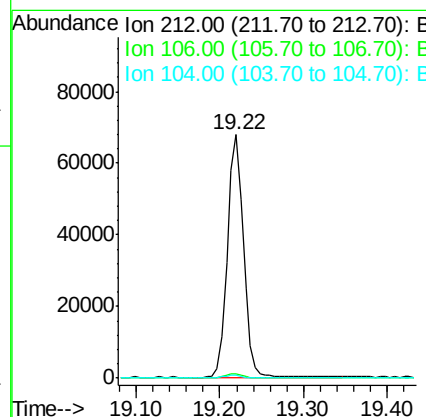
RT: 19.22 min Scan# 1384

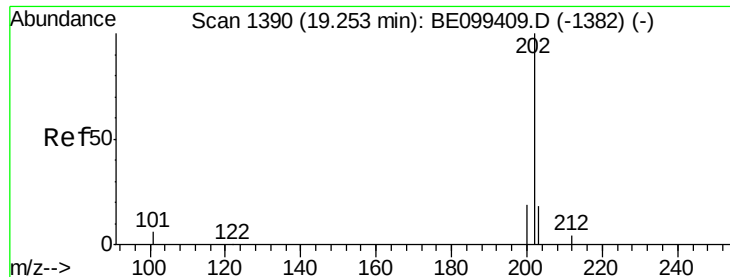
Delta R.T. 0.00 min

Lab File: BE099462.D

Acq: 1 May 2019 14:07

Tgt Ion:	212	Resp:	89654
Ion Ratio	Lower	Upper	
212	100		
106	1.9	1.5	2.3
104	1.1	0.9	1.3





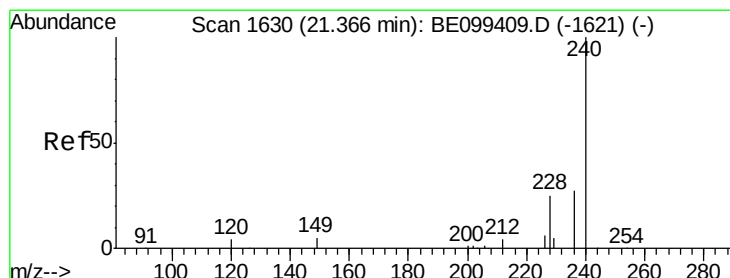
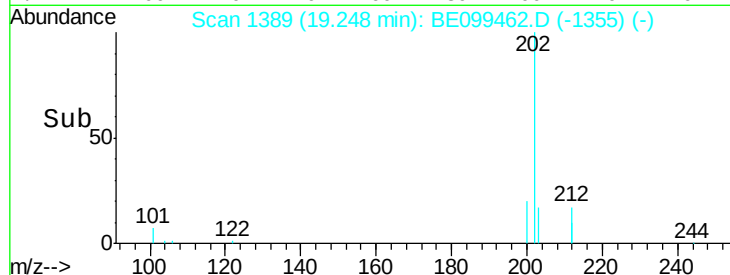
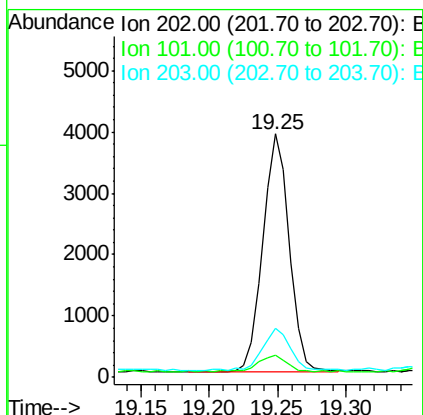
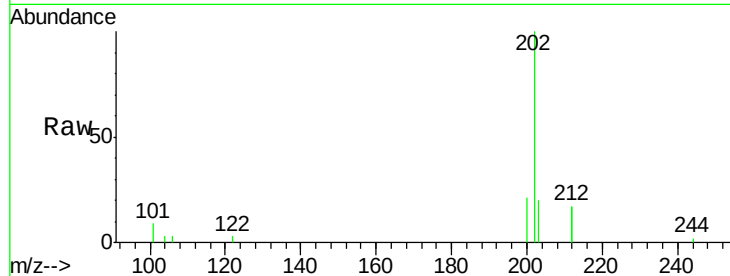
#26
Fluoranthene
Concen: 0.074 ng
RT: 19.25 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BE099462.D
Acq: 1 May 2019 14:07

Instrument :
BNA_E
ClientSampleId :
PST-001-B186-042419

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	5216		
101	8.1		5.4	8.0#
203	18.7		13.9	20.9

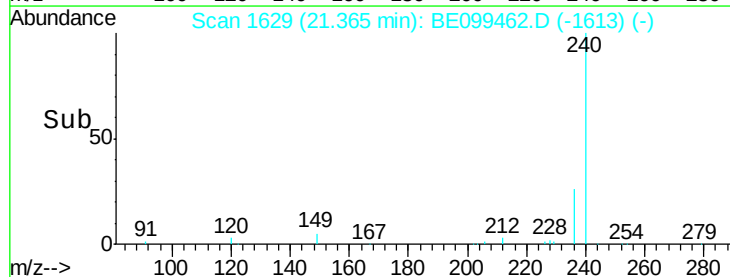
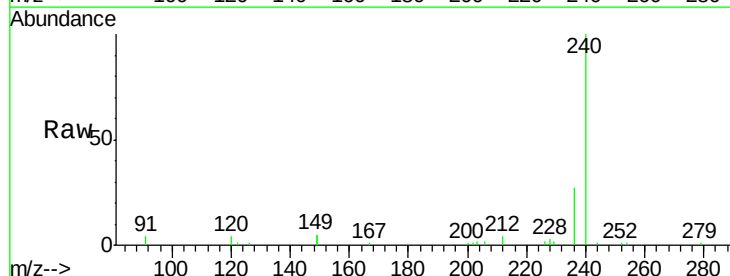
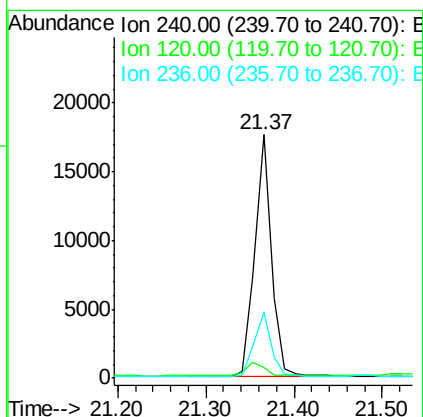
Manual Integrations
APPROVED

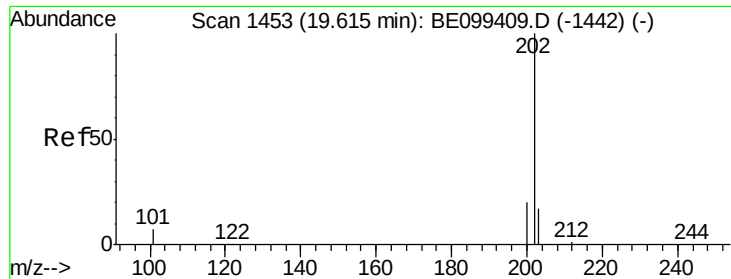
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#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.37 min Scan# 1629
Delta R.T. -0.00 min
Lab File: BE099462.D
Acq: 1 May 2019 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	23183		
120	4.2		4.0	6.0
236	26.7		22.0	33.0





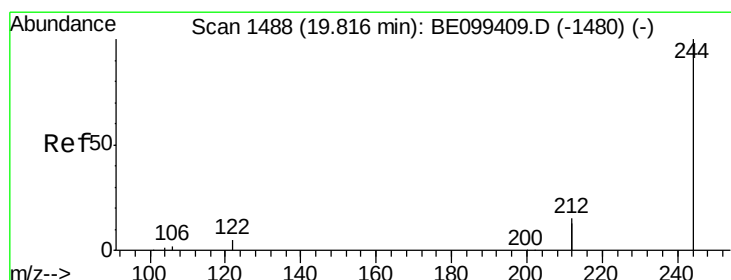
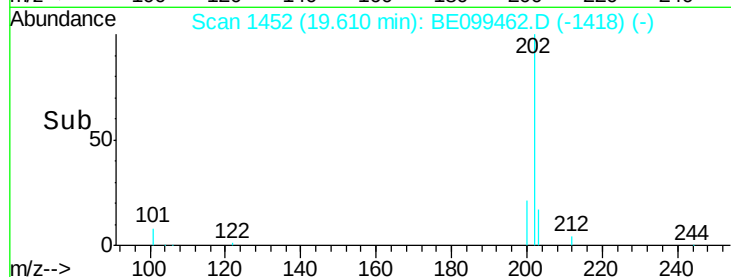
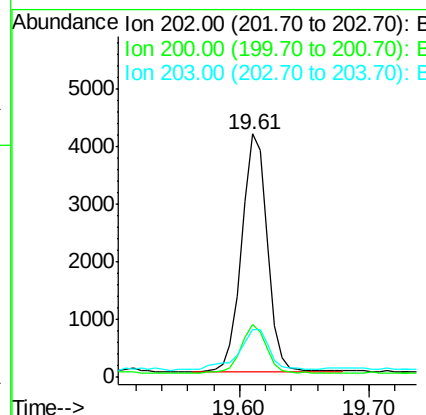
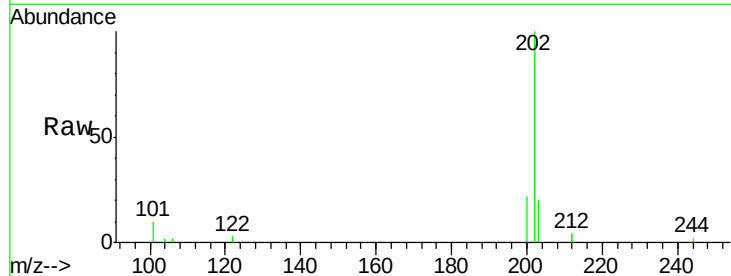
#28
Pyrene
Concen: 0.094 ng
RT: 19.61 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BE099462.D
Acq: 1 May 2019 14:07

Instrument :
BNA_E
ClientSampleId :
PST-001-B186-042419

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	15.7	23.5
203	20.3	13.9	20.9

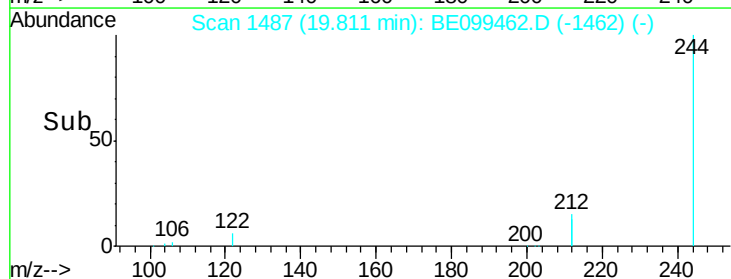
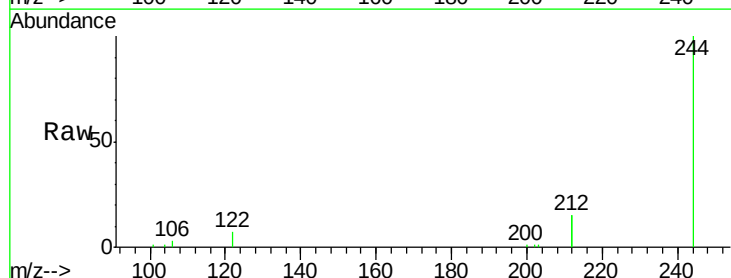
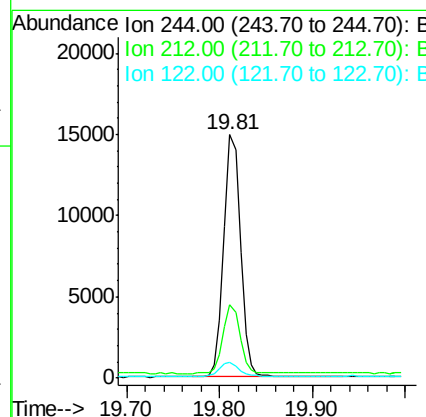
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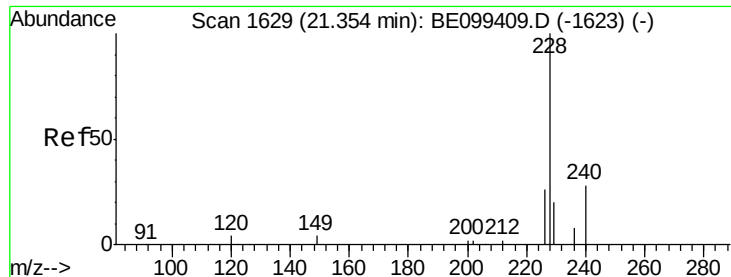
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#29
Terphenyl-d14
Concen: 0.442 ng
RT: 19.81 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BE099462.D
Acq: 1 May 2019 14:07

Tgt Ion	Ratio	Lower	Upper
244	100		
212	29.9	23.2	34.8
122	6.7	4.2	6.4#





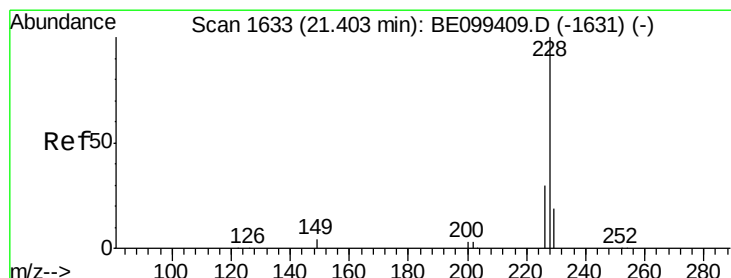
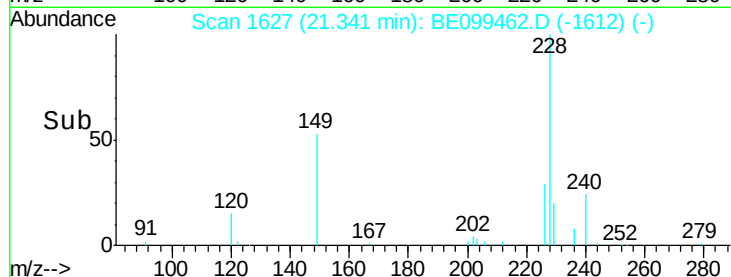
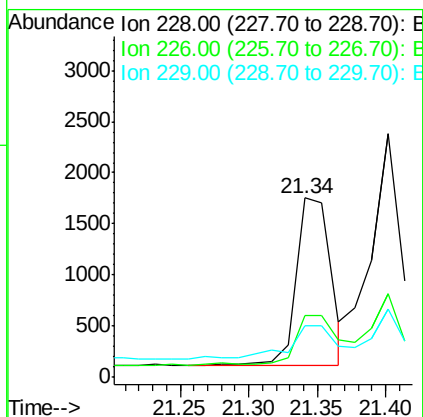
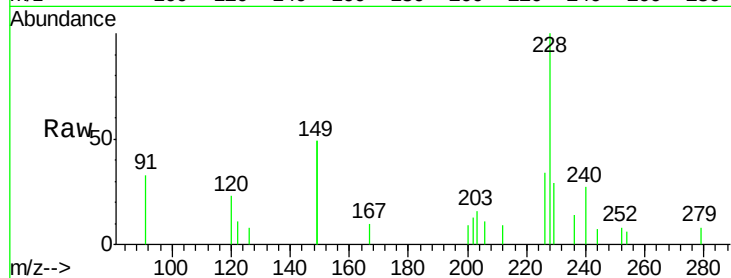
#30
Benzo(a)anthracene
Concen: 0.039 ng
RT: 21.34 min Scan# 1627
Delta R.T. -0.01 min
Lab File: BE099462.D
Acq: 1 May 2019 14:07

Instrument :
BNA_E
ClientSampleId :
PST-001-B186-042419

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.4	21.0	31.6#
229	28.7	16.6	25.0#

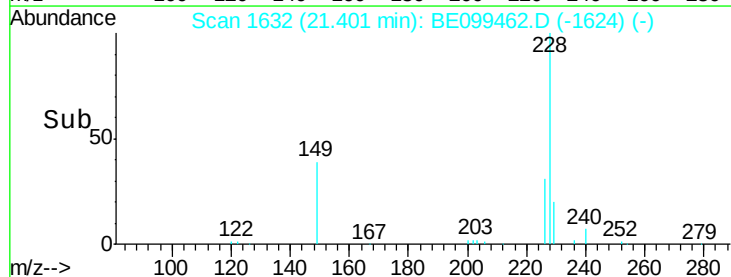
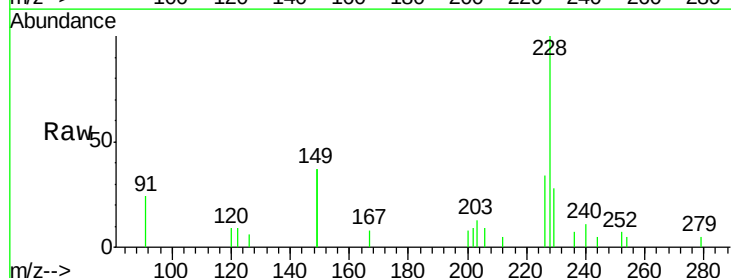
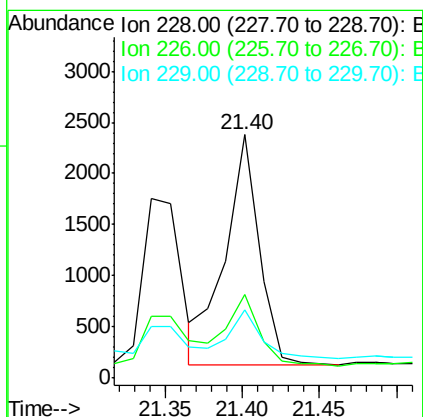
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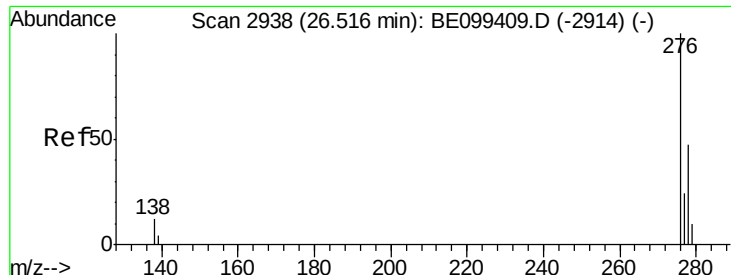
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#31
Chrysene
Concen: 0.047 ng
RT: 21.40 min Scan# 1632
Delta R.T. -0.00 min
Lab File: BE099462.D
Acq: 1 May 2019 14:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.3	24.0	36.0
229	27.8	15.8	23.8#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.024 ng

RT: 26.51 min Scan# 2935

Delta R.T. -0.01 min

Lab File: BE099462.D

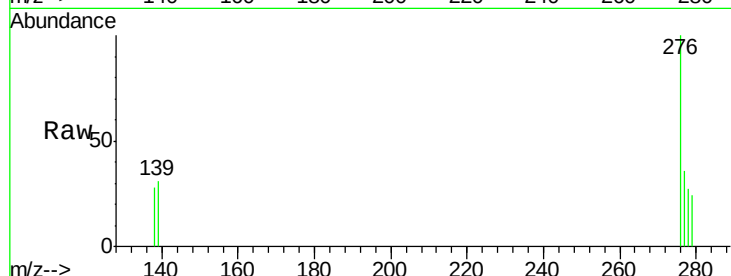
Acq: 1 May 2019 14:07

Instrument :

BNA_E

ClientSampleId :

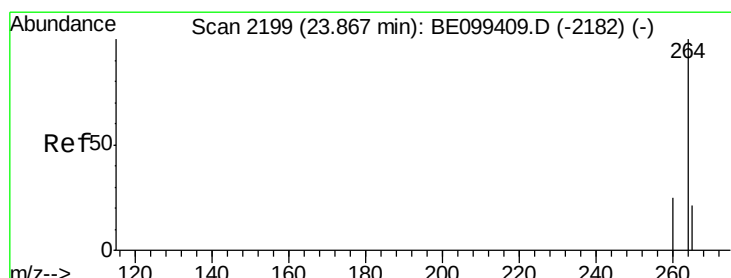
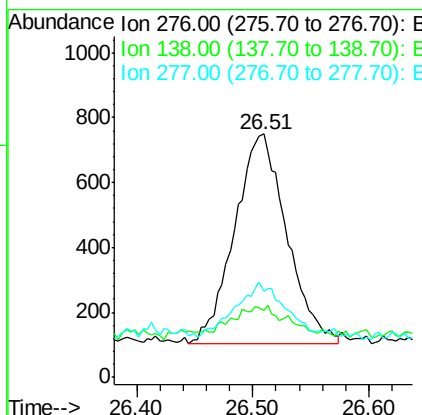
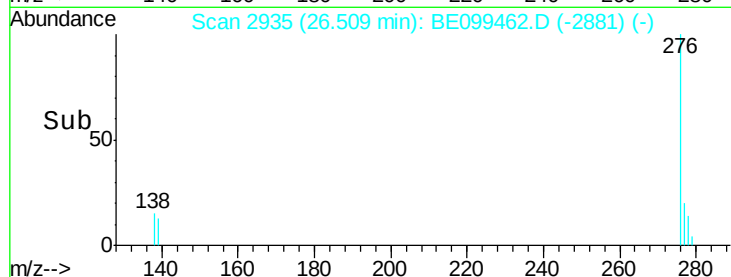
PST-001-B186-042419



Tgt Ion:	276	Resp:	2019
Ion Ratio	Lower	Upper	
276	100		
138	14.8	10.2	15.2
277	25.2	19.2	28.8

Manual Integrations
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#34

Perylene-d12

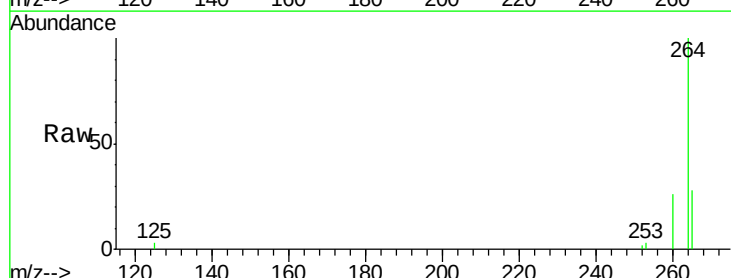
Concen: 0.400 ng

RT: 23.87 min Scan# 2198

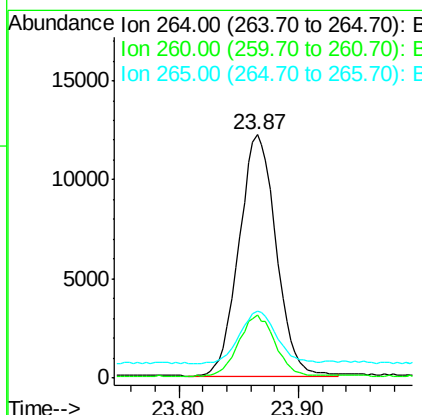
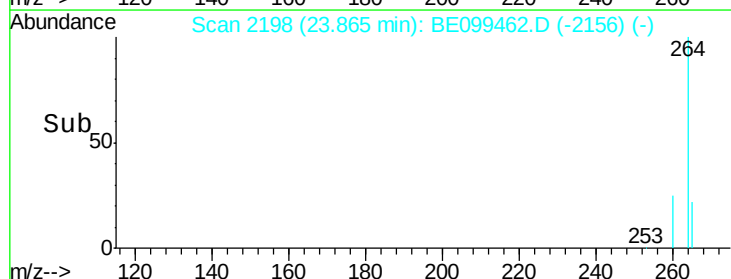
Delta R.T. -0.00 min

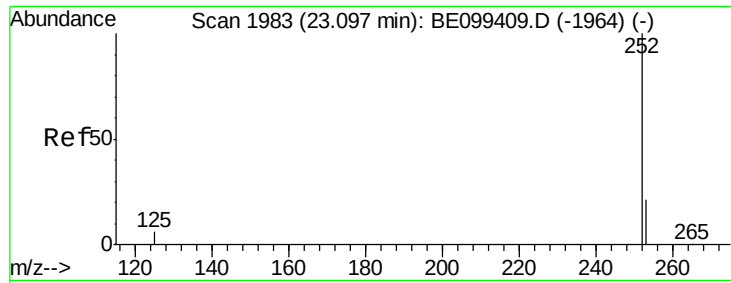
Lab File: BE099462.D

Acq: 1 May 2019 14:07



Tgt Ion:	264	Resp:	26202
Ion Ratio	Lower	Upper	
264	100		
260	25.7	20.2	30.2
265	27.5	21.3	31.9





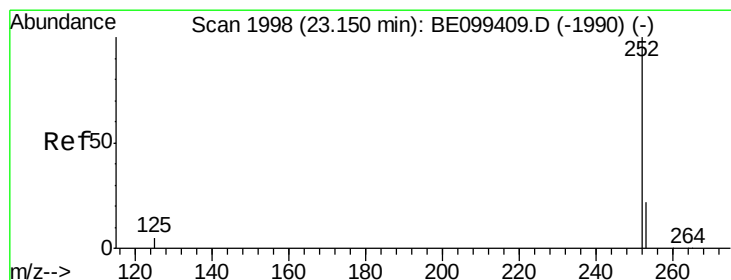
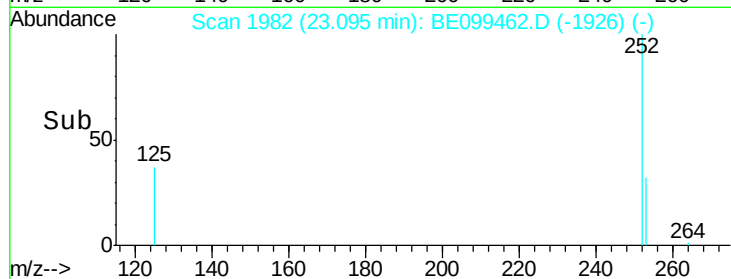
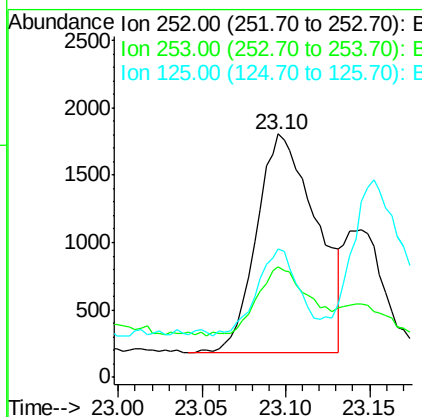
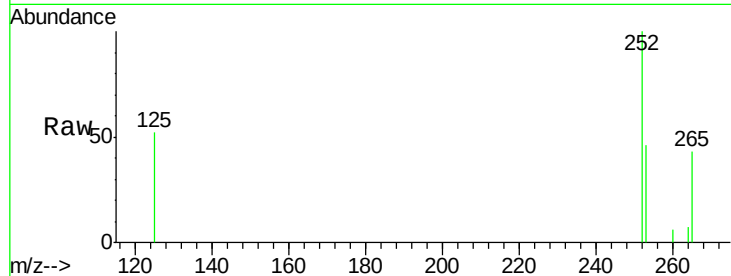
#35
Benzo(b)fluoranthene
Concen: 0.054 ng
RT: 23.10 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BE099462.D
Acq: 1 May 2019 14:07

Instrument :
BNA_E
ClientSampleId :
PST-001-B186-042419

Tgt Ion	Ratio	Lower	Upper
252	100		
253	45.6	18.1	27.1#
125	52.5	5.6	8.4#

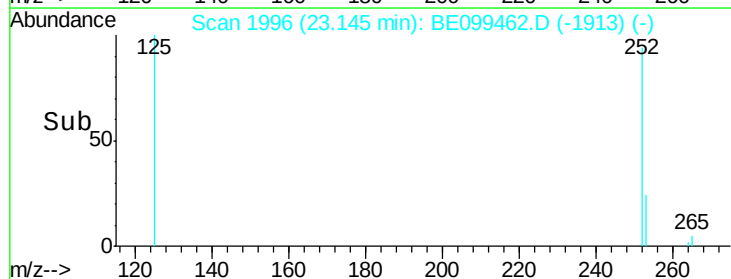
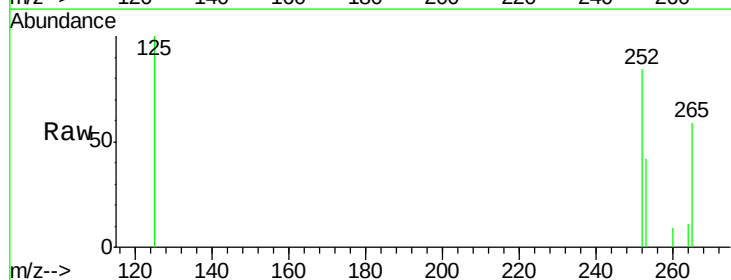
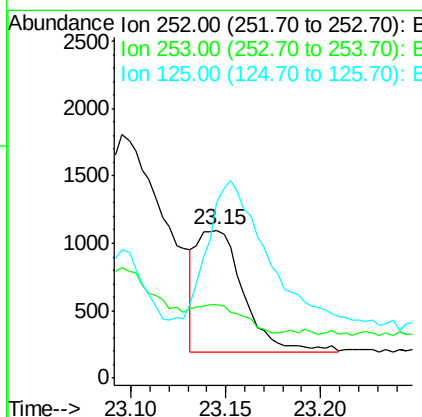
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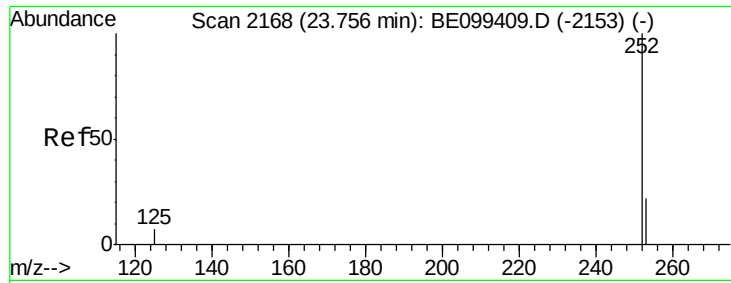
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#36
Benzo(k)fluoranthene
Concen: 0.021 ng m
RT: 23.15 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BE099462.D
Acq: 1 May 2019 14:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	49.5	18.4	27.6#
125	119.2	5.0	7.4#





#37

Benzo(a)pyrene

Concen: 0.038 ng

RT: 23.75 min Scan# 2166

Delta R.T. -0.00 min

Lab File: BE099462.D

Acq: 1 May 2019 14:07

Instrument :

BNA_E

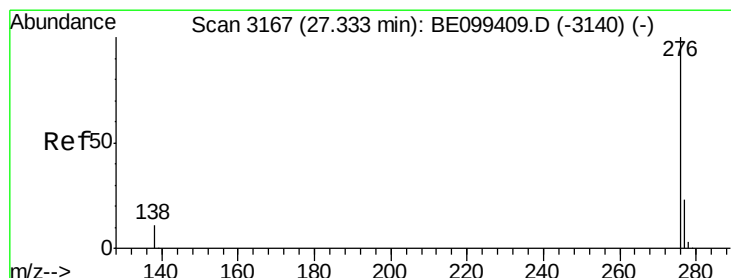
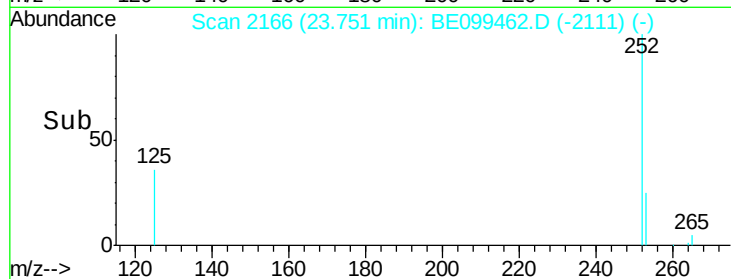
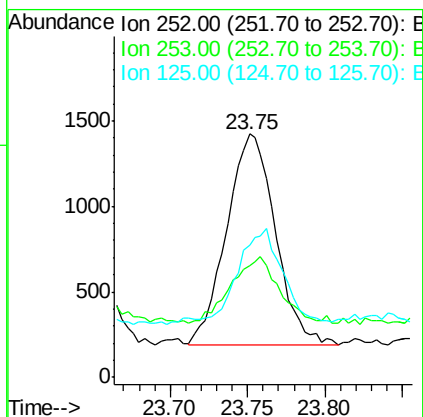
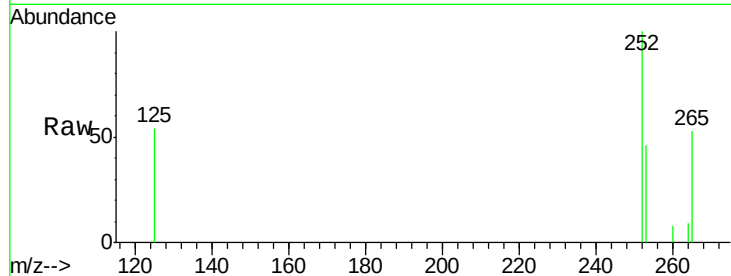
ClientSampleId :

PST-001-B186-042419

Tgt Ion:	252	Resp:	2683
Ion Ratio	Lower	Upper	
252	100		
253	45.9	18.9	28.3#
125	54.3	6.7	10.1#

Manual Integrations
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#39

Benzo(g,h,i)perylene

Concen: 0.029 ng m

RT: 27.32 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BE099462.D

Acq: 1 May 2019 14:07

Tgt Ion:	276	Resp:	2122
Ion Ratio	Lower	Upper	
276	100		
277	39.2	19.5	29.3#
138	28.1	9.6	14.4#

