

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050219\
 Data File : BE099508.D
 Acq On : 3 May 2019 00:07
 Operator : JU/SJ
 Sample : K2588-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B013-042519

Manual Integrations
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Sohil
 5/3/2019 4:23:43 PM

Quant Time: May 03 05:27:56 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	7.80	152	2081	0.40	ng	-0.01
7) Naphthalene-d8	10.60	136	7293	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	5391	0.40	ng	0.00
19) Phenanthrene-d10	17.19	188	17367	0.40	ng	0.00
27) Chrysene-d12	21.37	240	23896	0.40	ng	0.00
34) Perylene-d12	23.87	264	27038	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	2657	0.46	ng	0.00
5) Phenol-d6	6.96	99	3697	0.48	ng	-0.01
8) Nitrobenzene-d5	8.96	82	2945	0.43	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	5457	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.94	330	1672	0.49	ng	0.00
15) 2-Fluorobiphenyl	13.07	172	8204	0.40	ng	-0.01
25) Fluoranthene-d10	19.22	212	97729	0.42	ng	0.00
29) Terphenyl-d14	19.82	244	20335	0.46	ng	0.00

Target Compounds

						Qvalue
9) Naphthalene	10.65	128	1592	0.020	ng	# 86
23) Phenanthrene	17.23	178	31889	0.712	ng	99
24) Anthracene	17.32	178	7015	0.164	ng	# 93
26) Fluoranthene	19.25	202	128575	1.915	ng	100
28) Pyrene	19.61	202	112163	1.801	ng	98
30) Benzo(a)anthracene	21.34	228	91396	1.200	ng	97
31) Chrysene	21.40	228	70228	0.943	ng	97
32) Bis(2-ethylhexyl)phthalate	21.27	149	15594	0.073	ng	99
33) Indeno(1,2,3-cd)pyrene	26.51	276	22664	0.257	ng	98
35) Benzo(b)fluoranthene	23.10	252	65930	0.846	ng	# 97
36) Benzo(k)fluoranthene	23.15	252	23095m	0.307	ng	
37) Benzo(a)pyrene	23.75	252	43057	0.584	ng	98
38) Dibenzo(a,h)anthracene	26.54	278	6784	0.090	ng	# 85
39) Benzo(g,h,i)perylene	27.34	276	19199	0.254	ng	98

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

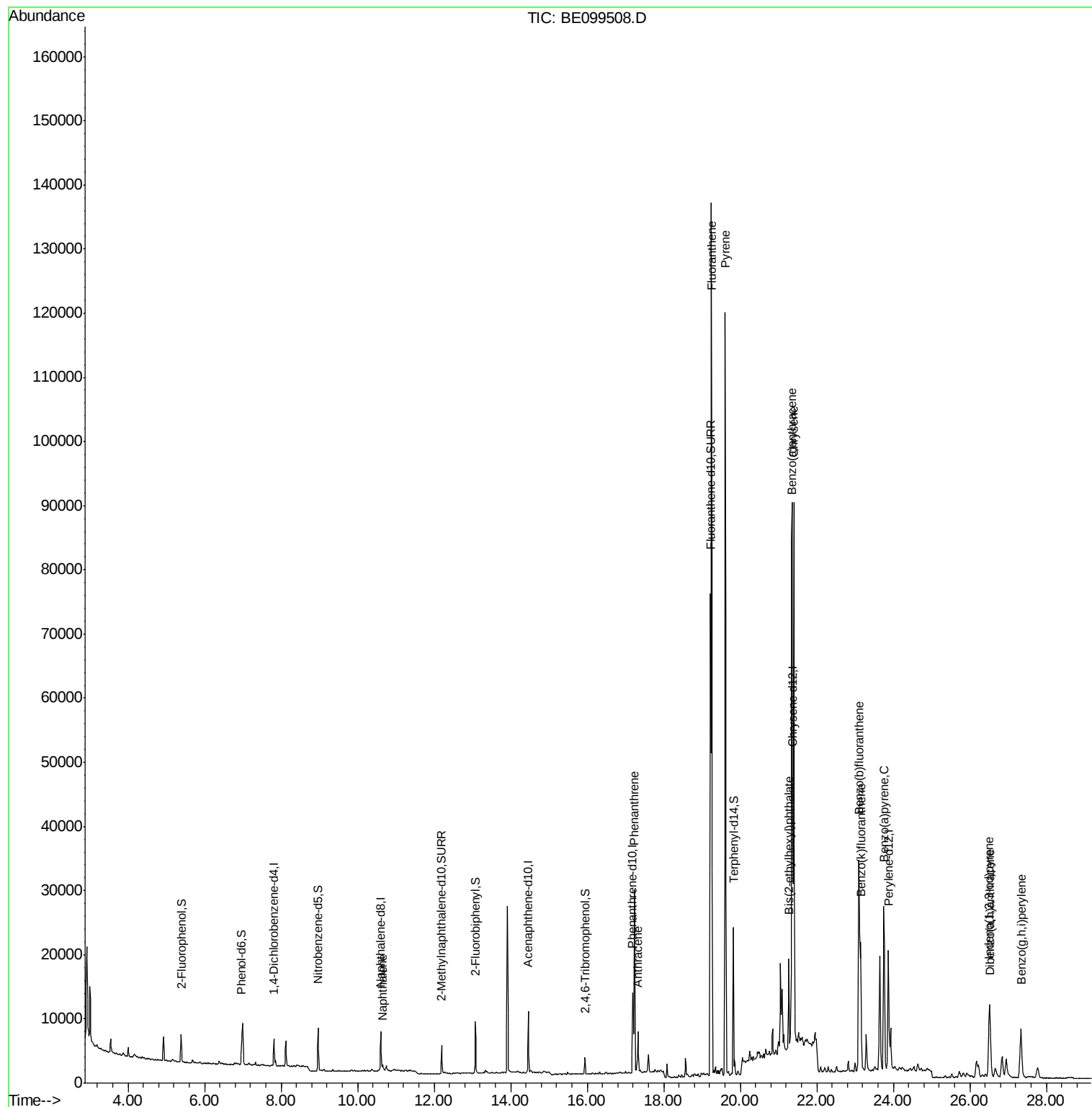
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE050219\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

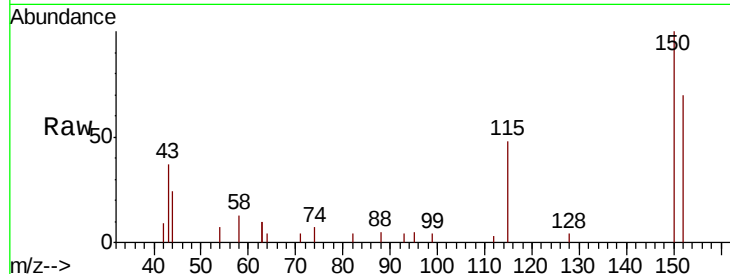
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. -0.01 min
Lab File: BE099508.D
Acq: 3 May 2019 00:07

Instrument :
BNA_E
ClientSampleId :
PST-001-B013-042519

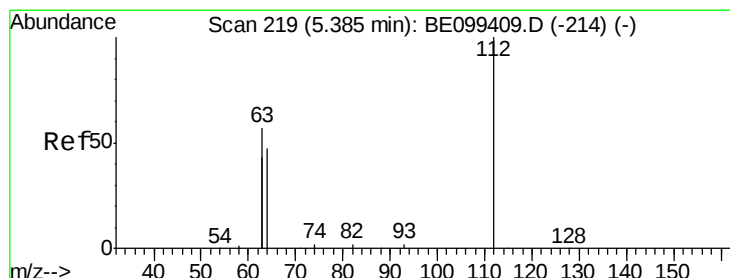
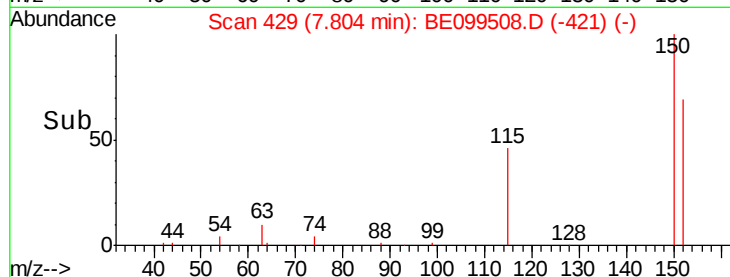
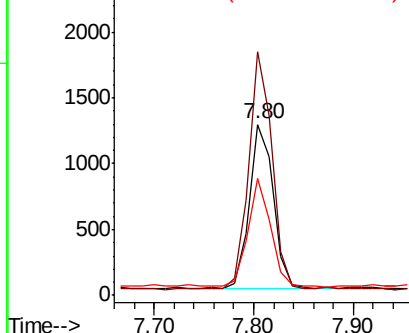
Tgt Ion	Ratio	Lower	Upper
152	100		
150	142.6	104.8	157.2
115	68.7	46.6	69.8

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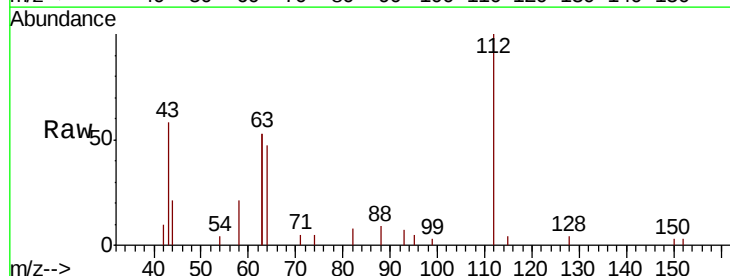
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



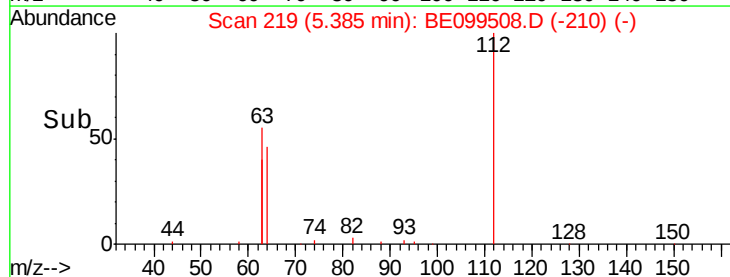
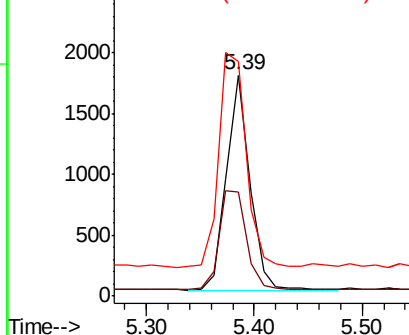
#4

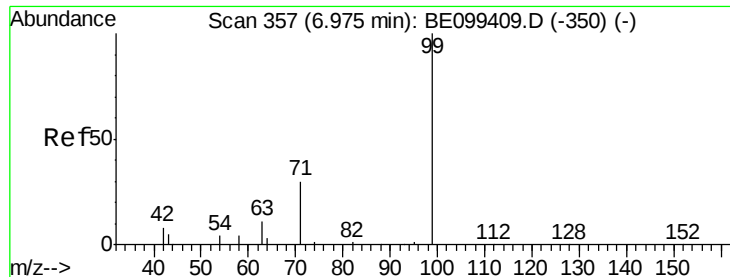
2-Fluorophenol
Concen: 0.462 ng
RT: 5.39 min Scan# 219
Delta R.T. 0.00 min
Lab File: BE099508.D
Acq: 3 May 2019 00:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.8	47.4	71.0
63	115.2	104.3	156.5



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





#5

Phenol-d6

Concen: 0.483 ng

RT: 6.96 min Scan# 356

Delta R.T. -0.01 min

Lab File: BE099508.D

Acq: 3 May 2019 00:07

Instrument :

BNA_E

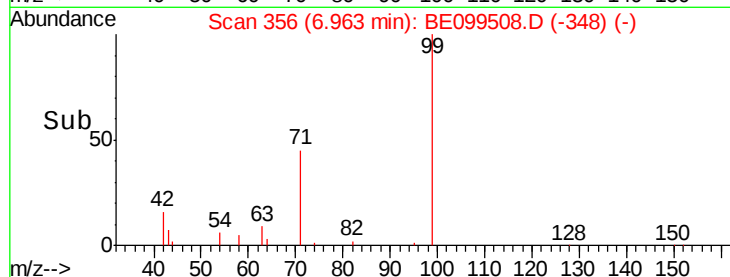
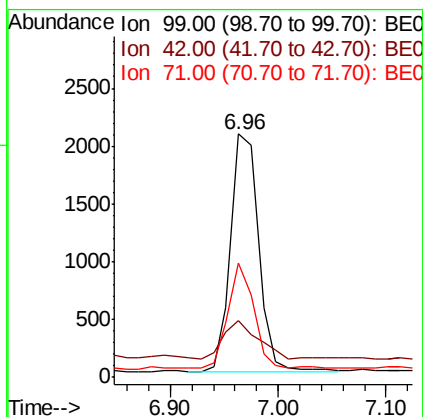
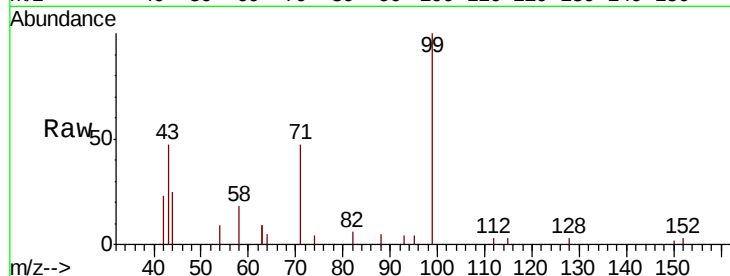
ClientSampleId :

PST-001-B013-042519

Tgt Ion:	99	Resp:	3697
Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.9	22.3
71	41.3	33.0	49.6

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#7

Naphthalene-d8

Concen: 0.400 ng

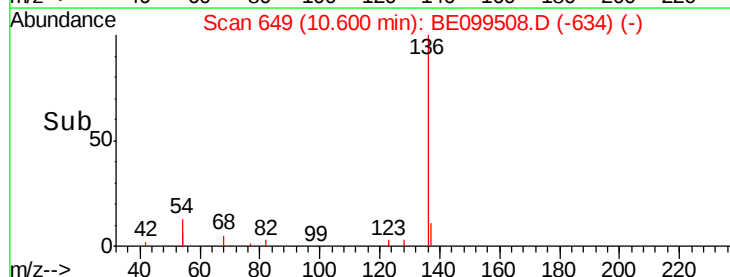
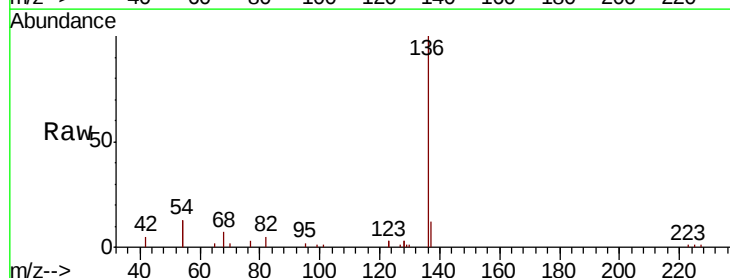
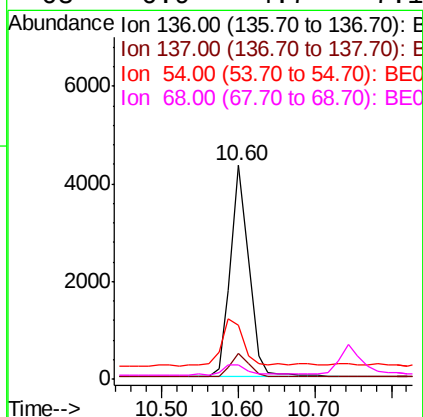
RT: 10.60 min Scan# 649

Delta R.T. -0.00 min

Lab File: BE099508.D

Acq: 3 May 2019 00:07

Tgt Ion:	136	Resp:	7293
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.8	14.8
54	25.0	18.5	27.7
68	6.9	4.7	7.1





#8

Nitrobenzene-d5

Concen: 0.431 ng

RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE099508.D

Acq: 3 May 2019 00:07

Instrument :

BNA_E

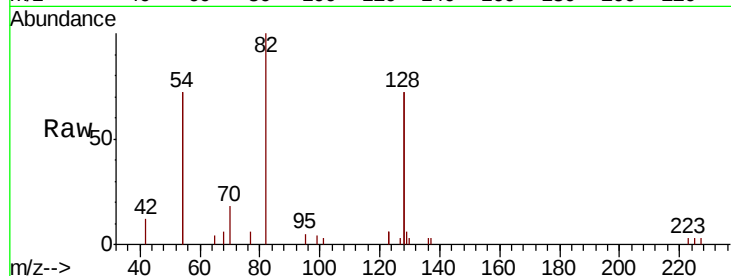
ClientSampleId :

PST-001-B013-042519

Tgt Ion:	82	Resp:	2945
Ion Ratio	Lower	Upper	
82	100		
128	143.4	107.0	160.4
54	144.8	113.1	169.7

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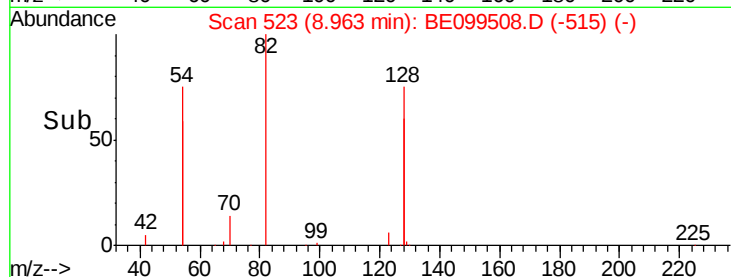


Abundance Ion 82.00 (81.70 to 82.70): BE099409.D (-520) (-)

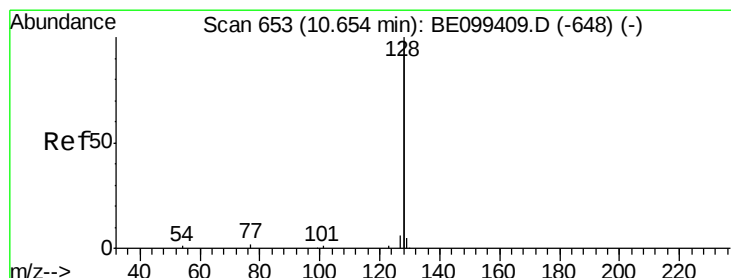
Ion 128.00 (127.70 to 128.70): BE099409.D (-520) (-)

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

Time-->



Time-->



#9

Naphthalene

Concen: 0.020 ng

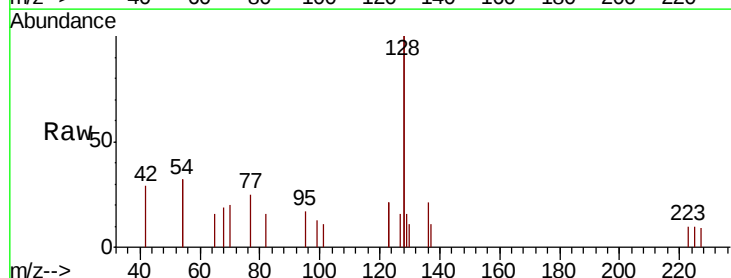
RT: 10.65 min Scan# 653

Delta R.T. -0.00 min

Lab File: BE099508.D

Acq: 3 May 2019 00:07

Tgt Ion:	128	Resp:	1592
Ion Ratio	Lower	Upper	
128	100		
129	8.2	2.4	3.6#
127	7.8	2.8	4.2#

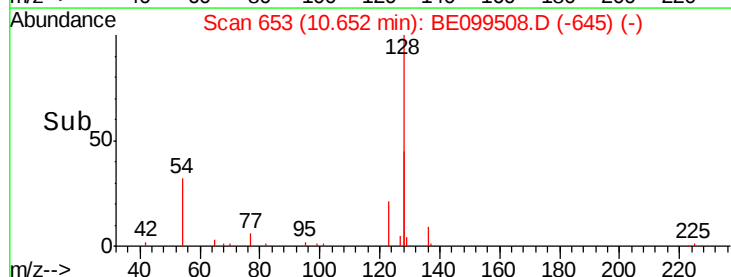


Abundance Ion 128.00 (127.70 to 128.70): BE099409.D (-648) (-)

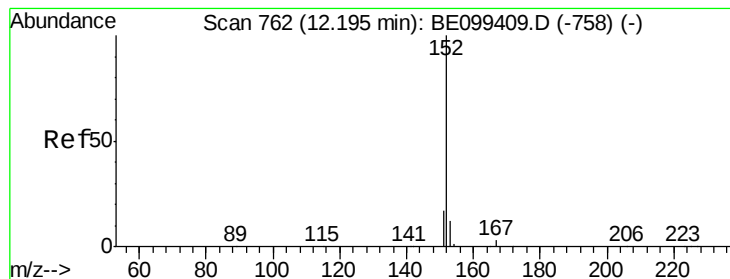
Ion 129.00 (128.70 to 129.70): BE099409.D (-648) (-)

Ion 127.00 (126.70 to 127.70): BE099409.D (-648) (-)

Time-->



Time-->



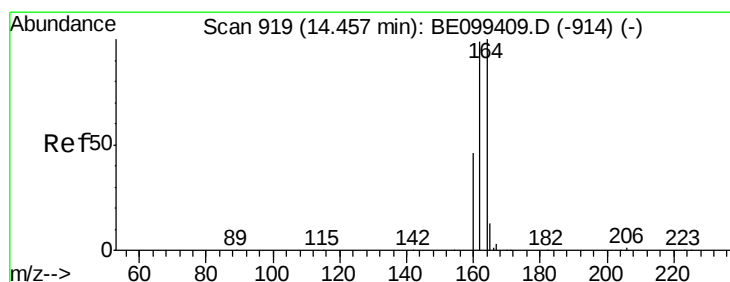
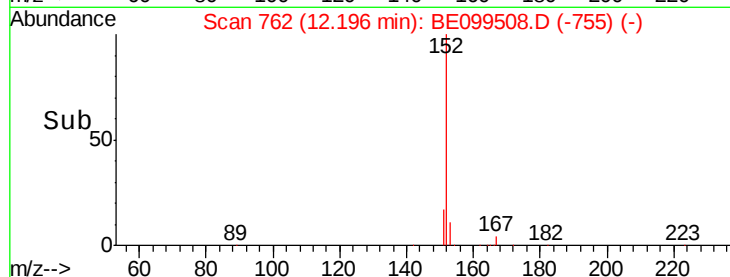
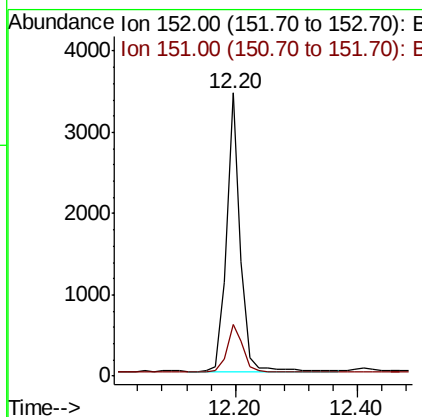
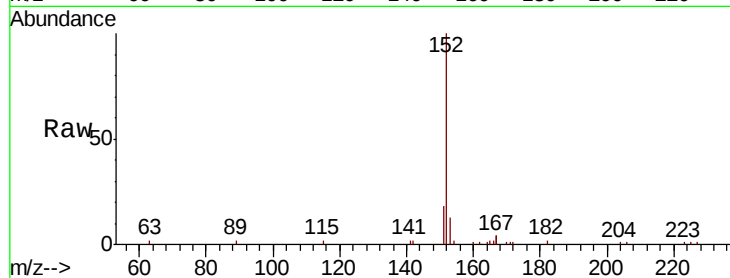
#11
 2-Methylnaphthalene-d10
 Concen: 0.415 ng
 RT: 12.20 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BE099508.D
 Acq: 3 May 2019 00:07

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B013-042519

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3

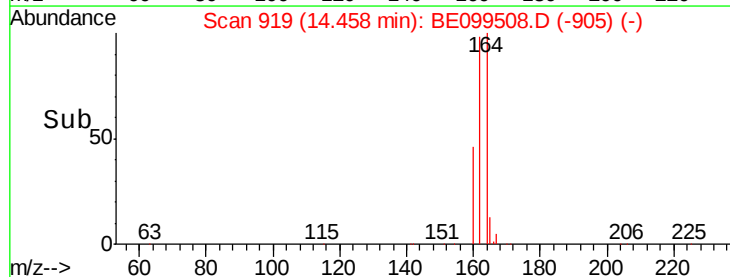
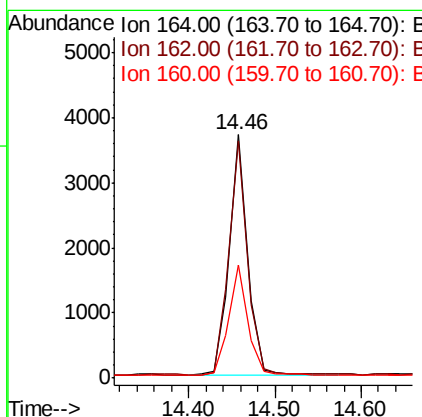
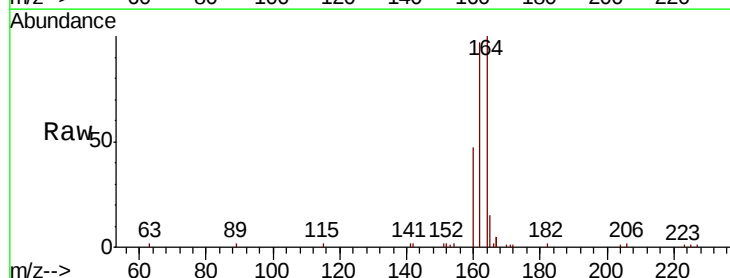
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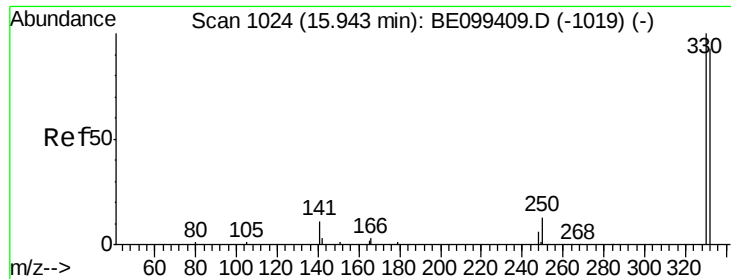
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#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.46 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: BE099508.D
 Acq: 3 May 2019 00:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.0	118.4
160	46.6	37.0	55.4





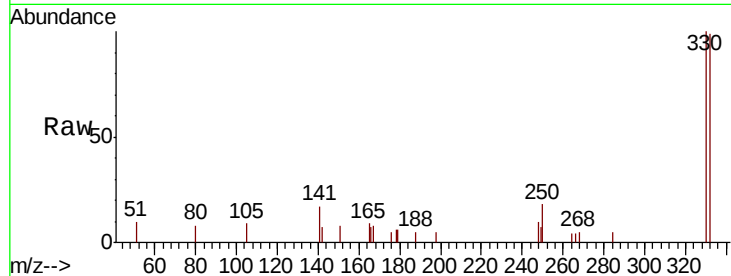
#14
 2,4,6-Tribromophenol
 Concen: 0.492 ng
 RT: 15.94 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BE099508.D
 Acq: 3 May 2019 00:07

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B013-042519

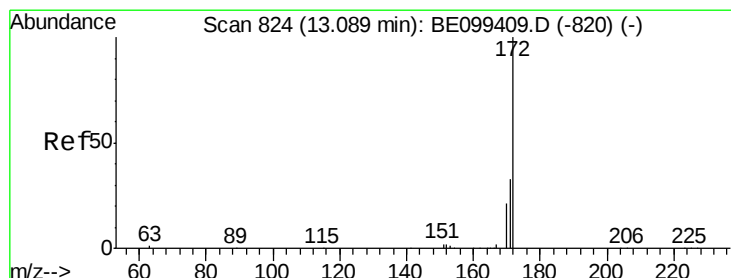
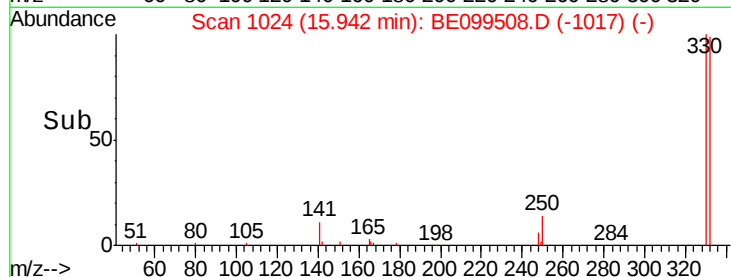
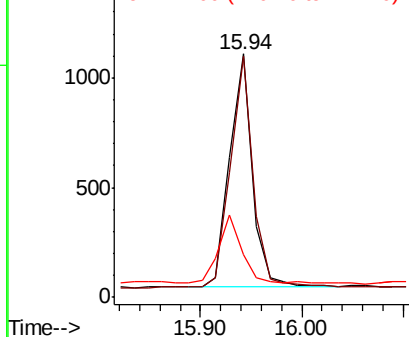
Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.1	71.5	107.3
141	28.3	24.0	36.0

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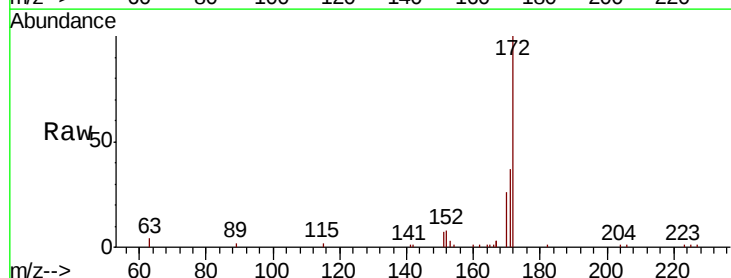


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

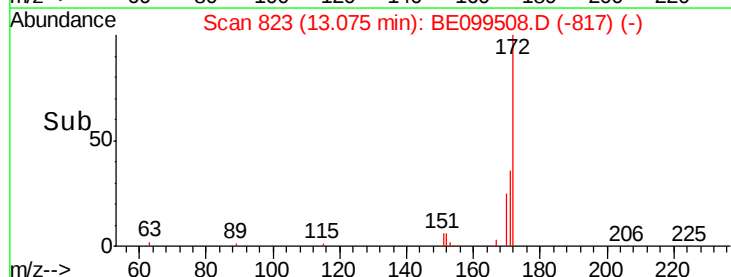
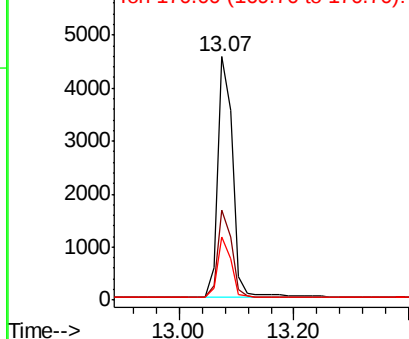


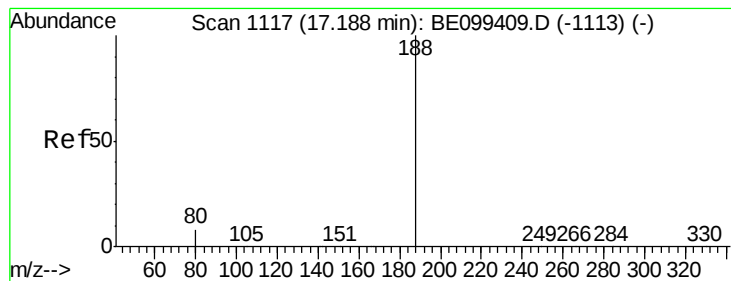
#15
 2-Fluorobiphenyl
 Concen: 0.399 ng
 RT: 13.07 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BE099508.D
 Acq: 3 May 2019 00:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	26.6	39.8
170	26.1	17.0	25.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BE099508.D

Acq: 3 May 2019 00:07

Instrument :

BNA_E

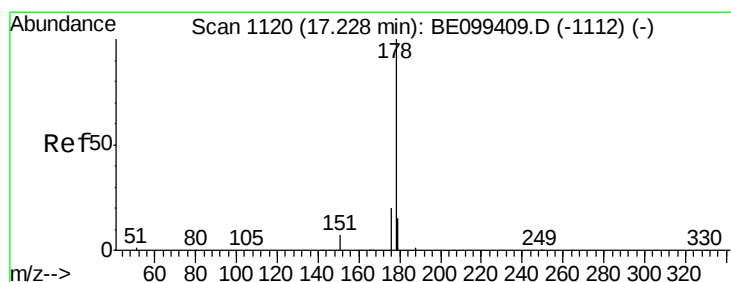
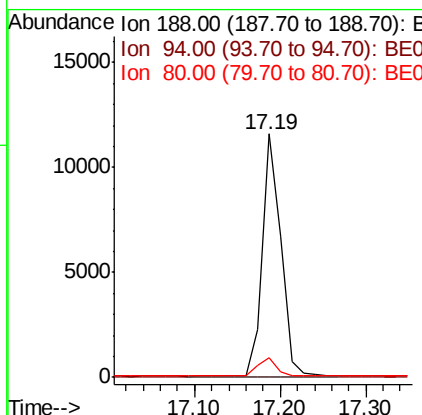
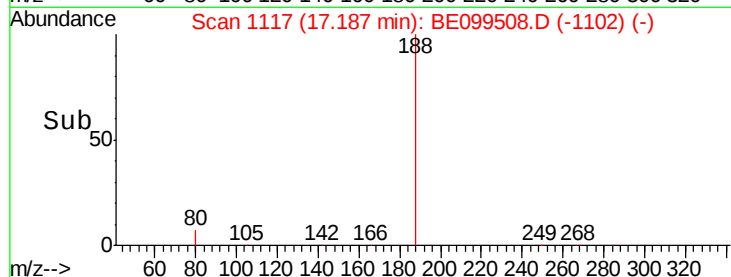
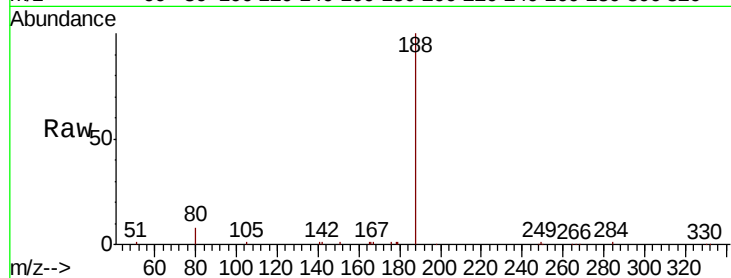
ClientSampleId :

PST-001-B013-042519

Tgt Ion:	188	Resp:	17367
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	7.9	6.7	10.1

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#23

Phenanthrene

Concen: 0.712 ng

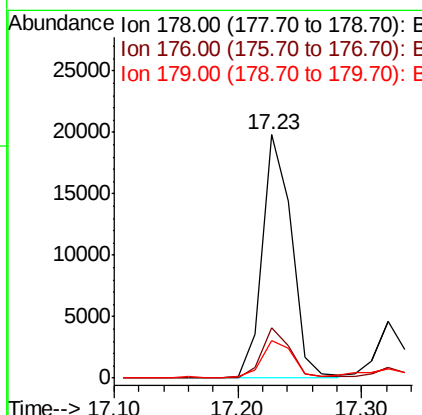
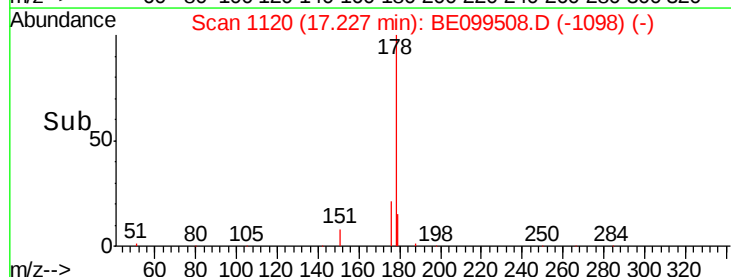
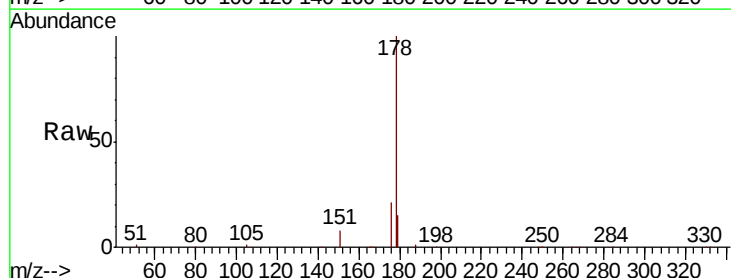
RT: 17.23 min Scan# 1120

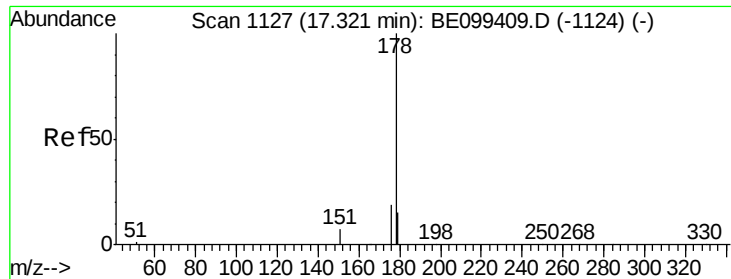
Delta R.T. -0.00 min

Lab File: BE099508.D

Acq: 3 May 2019 00:07

Tgt Ion:	178	Resp:	31889
Ion Ratio	Lower	Upper	
178	100		
176	19.7	15.6	23.4
179	15.9	12.0	18.0





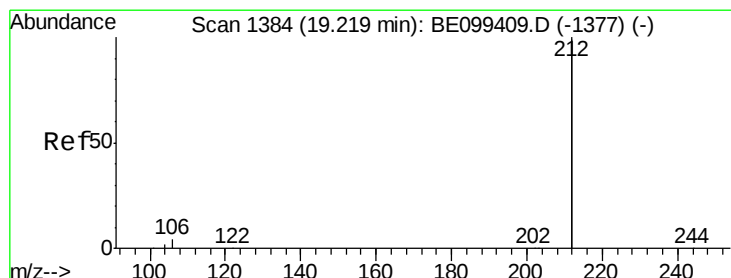
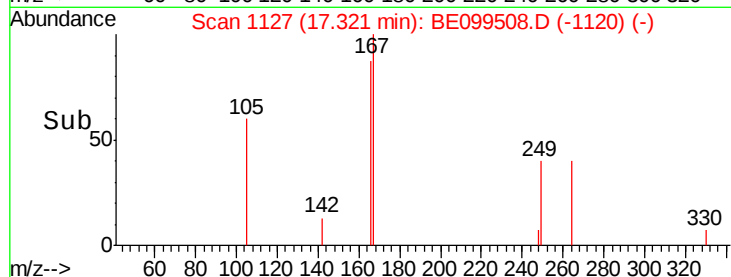
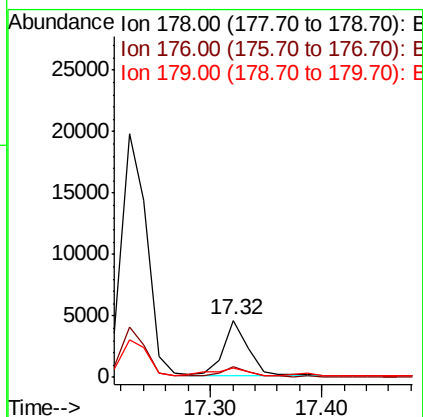
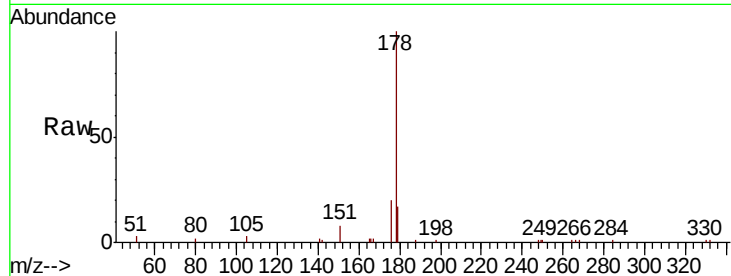
#24
 Anthracene
 Concen: 0.164 ng
 RT: 17.32 min Scan# 1127
 Delta R.T. -0.00 min
 Lab File: BE099508.D
 Acq: 3 May 2019 00:07

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B013-042519

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.9	22.3
179	20.4	11.9	17.9#

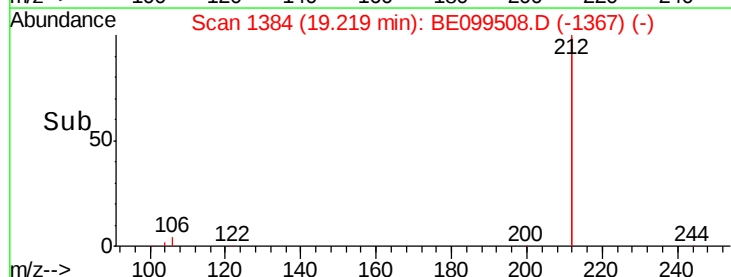
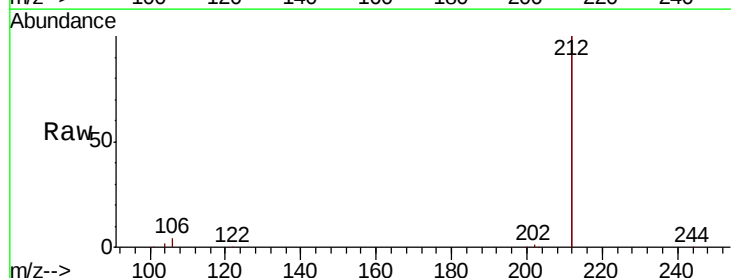
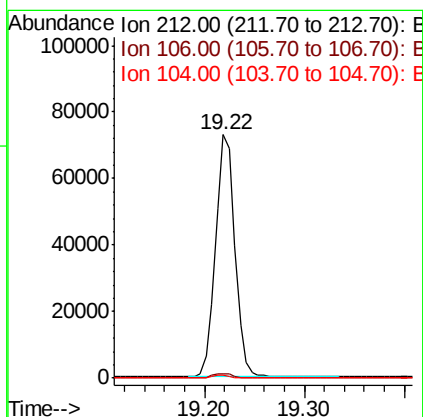
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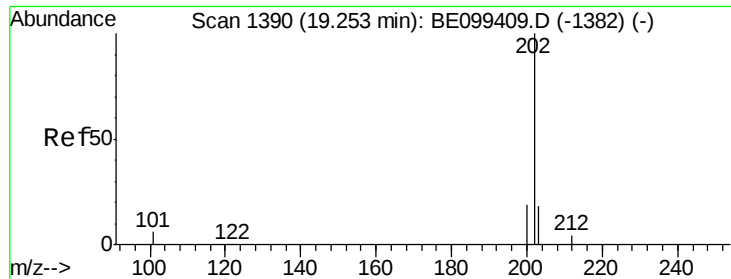
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 5/3/2019 4:23:43 PM



#25
 Fluoranthene-d10
 Concen: 0.418 ng
 RT: 19.22 min Scan# 1384
 Delta R.T. -0.00 min
 Lab File: BE099508.D
 Acq: 3 May 2019 00:07

Tgt Ion	Ratio	Lower	Upper
212	100		
106	1.8	1.5	2.3
104	1.1	0.9	1.3





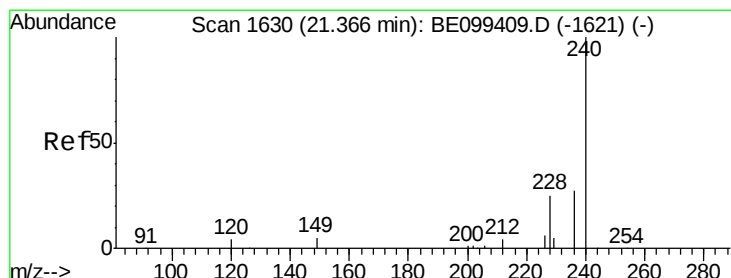
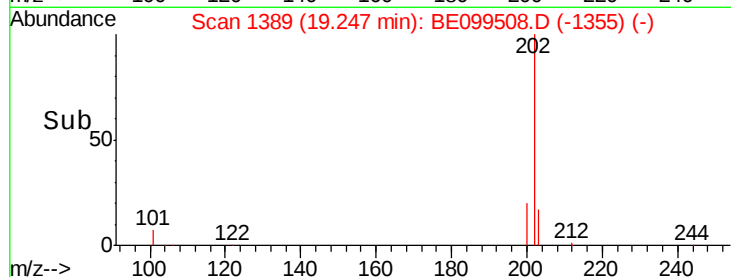
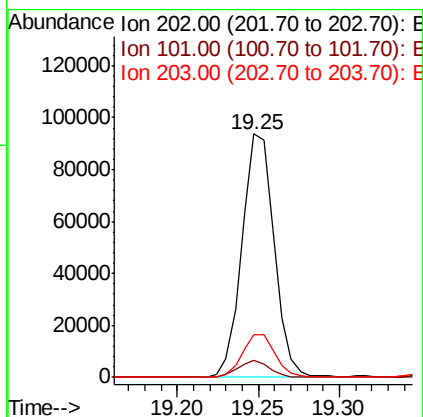
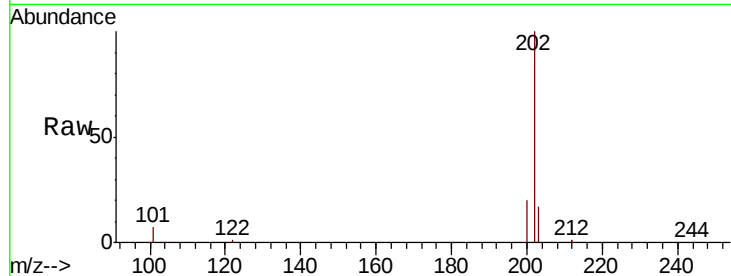
#26
Fluoranthene
 Concen: 1.915 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. -0.01 min
 Lab File: BE099508.D
 Acq: 3 May 2019 00:07

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B013-042519

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	6.6	5.4	8.0
203	17.5	13.9	20.9

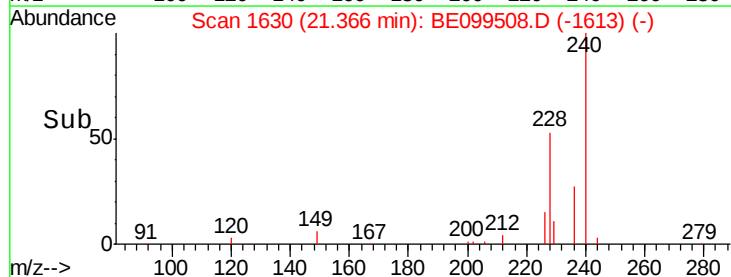
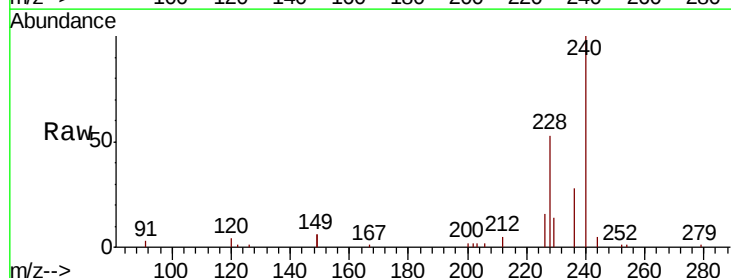
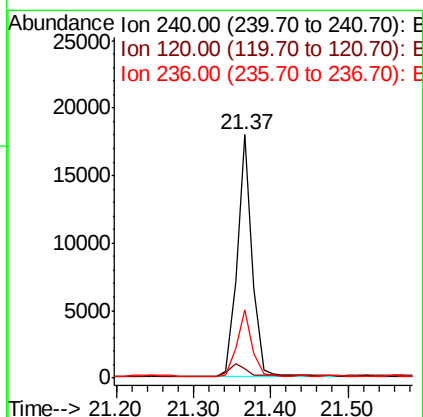
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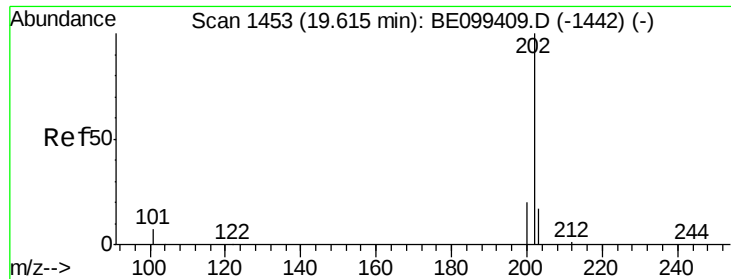
Sohil
 5/3/2019 4:23:43 PM



#27
Chrysene-d12
 Concen: 0.400 ng
 RT: 21.37 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE099508.D
 Acq: 3 May 2019 00:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	4.0	4.0	6.0#
236	27.9	22.0	33.0





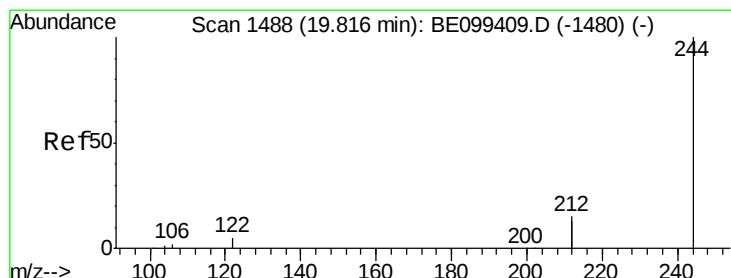
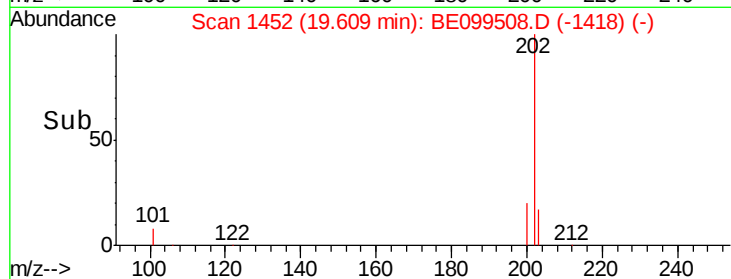
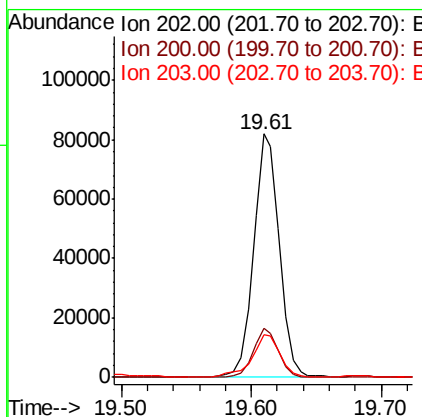
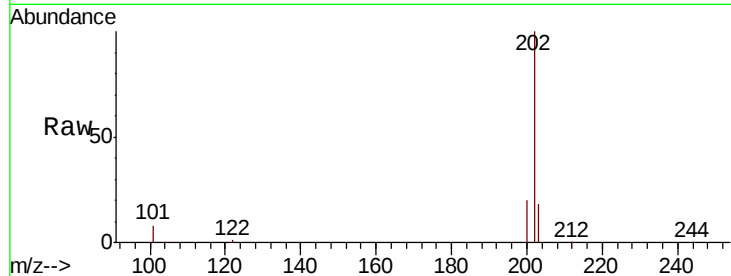
#28
 Pyrene
 Concen: 1.801 ng
 RT: 19.61 min Scan# 1452
 Delta R.T. -0.01 min
 Lab File: BE099508.D
 Acq: 3 May 2019 00:07

Instrument :
 BNA_E
 ClientSampleId :
 PST-001-B013-042519

Tgt Ion:	202	Resp:	112163
Ion Ratio	Lower	Upper	
202	100		
200	19.7	15.7	23.5
203	19.2	13.9	20.9

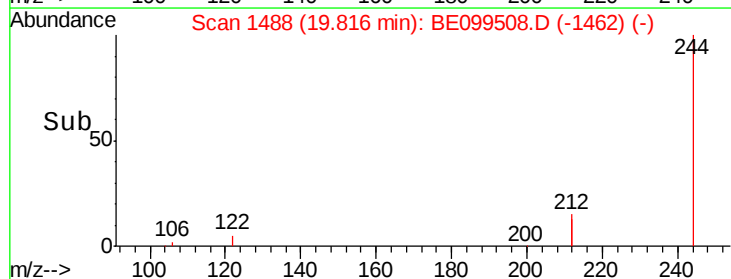
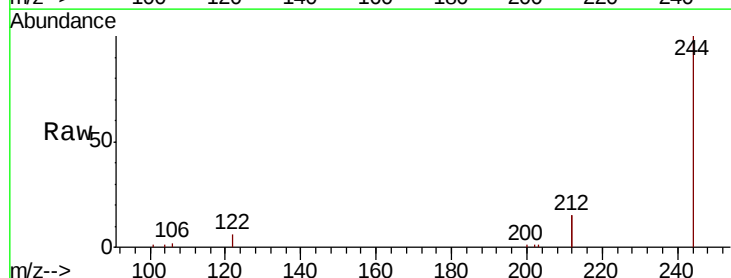
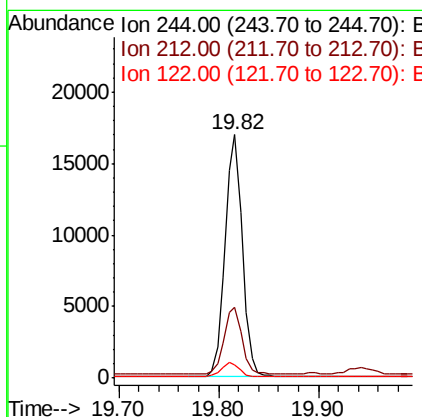
Manual Integrations
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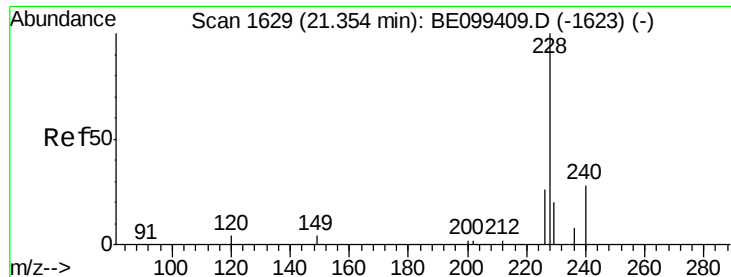
Sohil
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#29
 Terphenyl-d14
 Concen: 0.465 ng
 RT: 19.82 min Scan# 1488
 Delta R.T. -0.00 min
 Lab File: BE099508.D
 Acq: 3 May 2019 00:07

Tgt Ion:	244	Resp:	20335
Ion Ratio	Lower	Upper	
244	100		
212	29.1	23.2	34.8
122	5.6	4.2	6.4





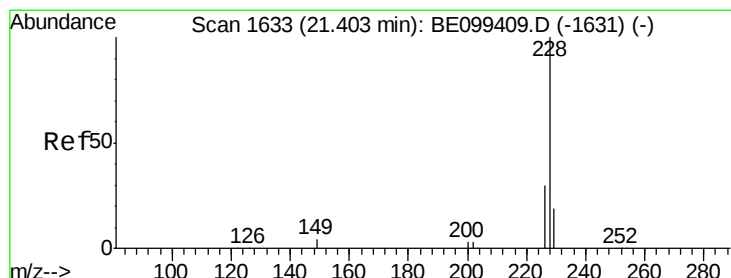
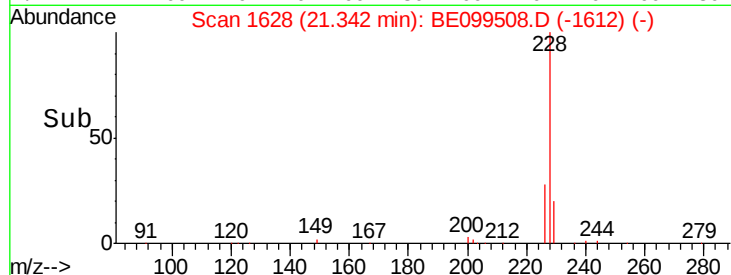
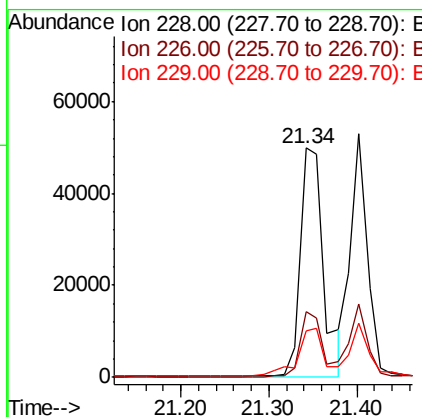
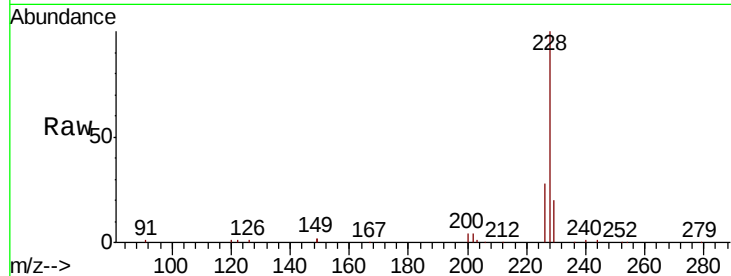
#30
Benzo(a)anthracene
Concen: 1.200 ng
RT: 21.34 min Scan# 1628
Delta R.T. -0.01 min
Lab File: BE099508.D
Acq: 3 May 2019 00:07

Instrument :
BNA_E
ClientSampleId :
PST-001-B013-042519

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.0	31.6
229	20.5	16.6	25.0

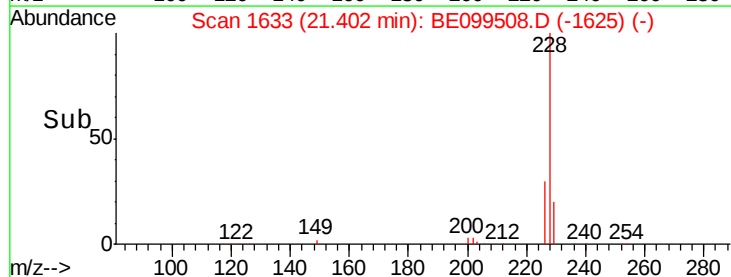
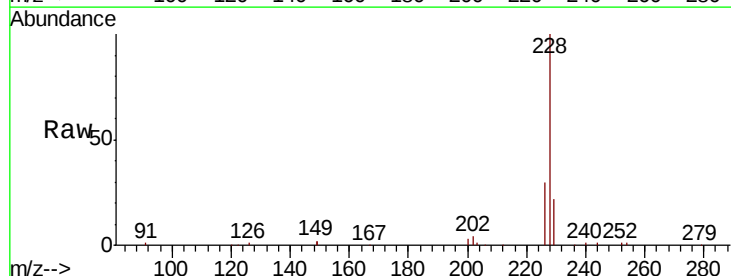
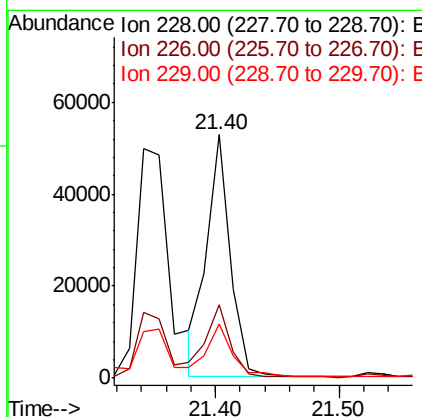
Manual Integrations
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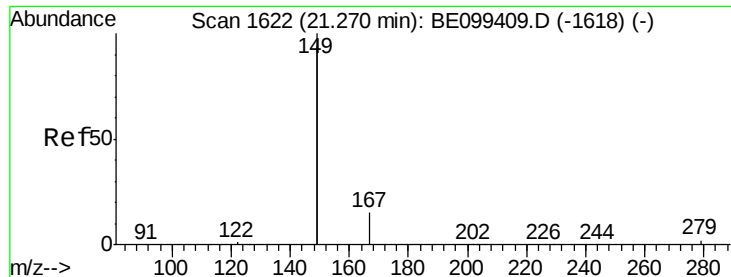
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#31
Chrysene
Concen: 0.943 ng
RT: 21.40 min Scan# 1633
Delta R.T. -0.00 min
Lab File: BE099508.D
Acq: 3 May 2019 00:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.0	36.0
229	22.3	15.8	23.8





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.073 ng

RT: 21.27 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BE099508.D

Acq: 3 May 2019 00:07

Instrument :

BNA_E

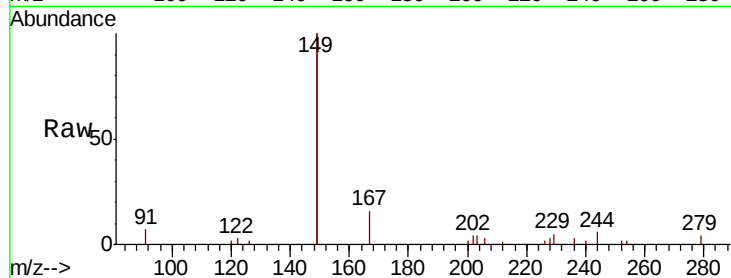
ClientSampleId :

PST-001-B013-042519

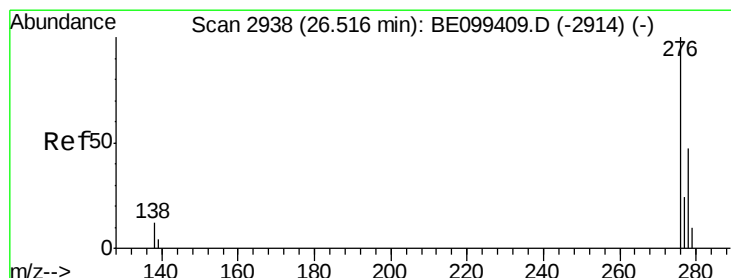
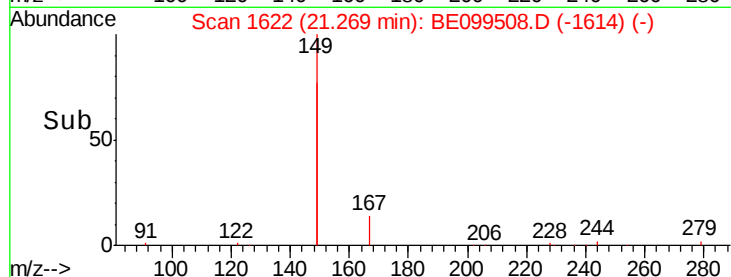
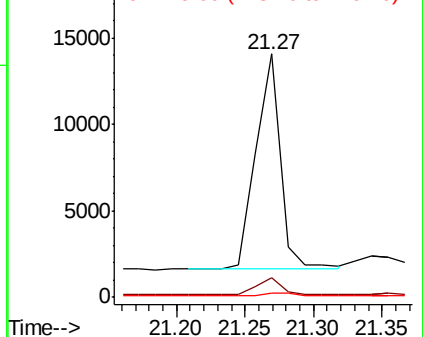
Tgt Ion:	149	Resp:	15594
Ion Ratio	Lower	Upper	
149	100		
167	7.7	5.8	8.6
279	1.5	1.0	1.6

Manual Integrations
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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: 0.257 ng

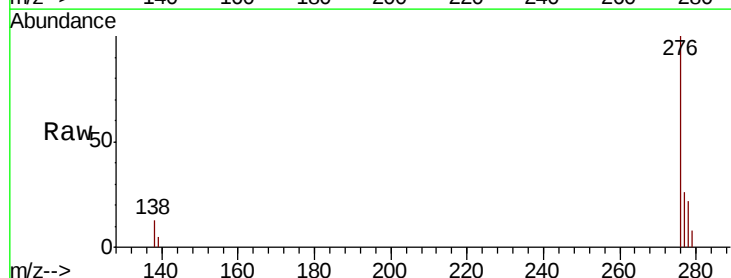
RT: 26.51 min Scan# 2937

Delta R.T. -0.00 min

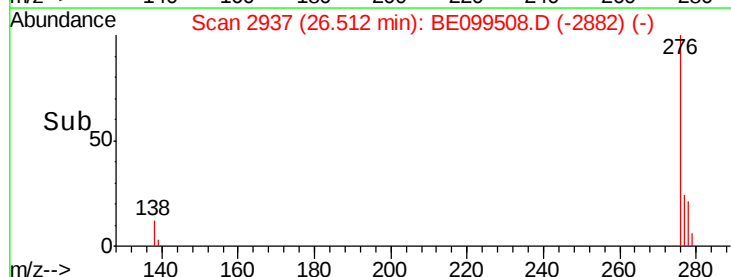
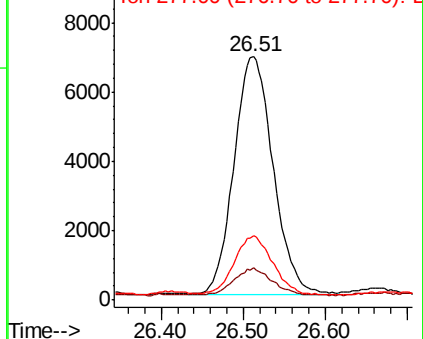
Lab File: BE099508.D

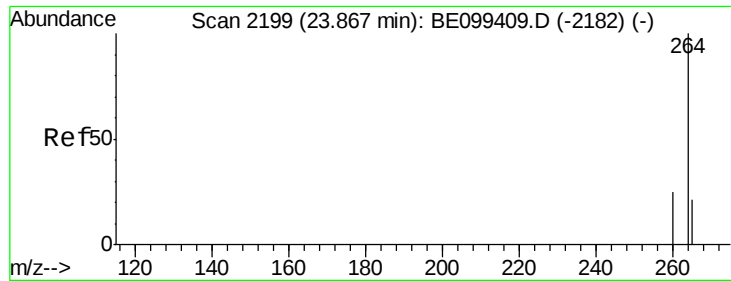
Acq: 3 May 2019 00:07

Tgt Ion:	276	Resp:	22664
Ion Ratio	Lower	Upper	
276	100		
138	10.9	10.2	15.2
277	24.6	19.2	28.8



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

Perylene-d12

Concen: 0.400 ng

RT: 23.87 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BE099508.D

Acq: 3 May 2019 00:07

Instrument :

BNA_E

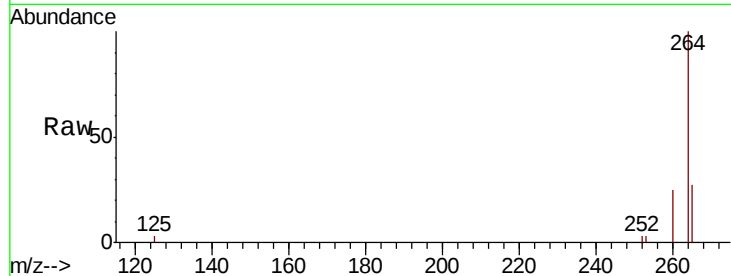
ClientSampleId :

PST-001-B013-042519

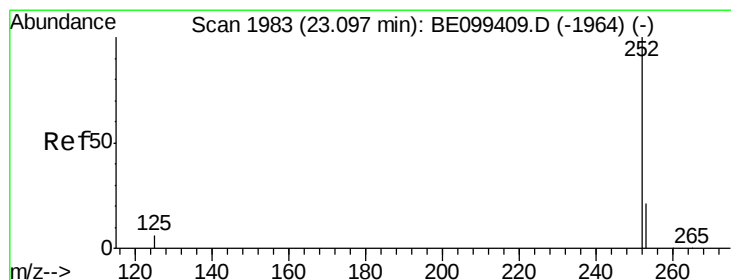
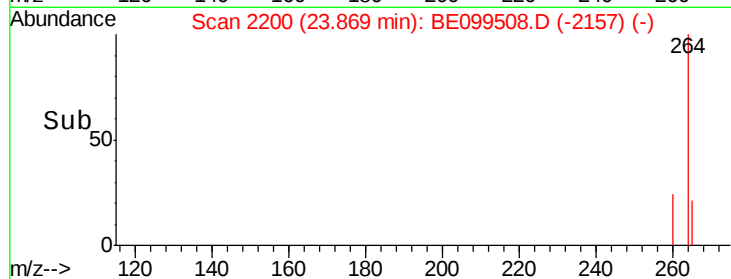
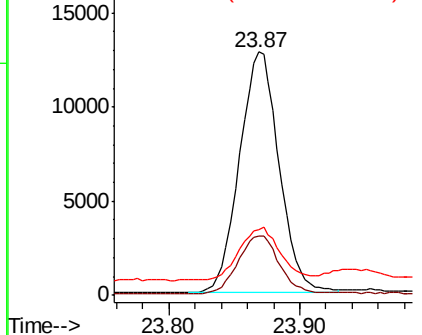
Tgt Ion:	264	Resp:	27038
Ion Ratio	Lower	Upper	
264	100		
260	24.6	20.2	30.2
265	27.0	21.3	31.9

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#35

Benzo(b)fluoranthene

Concen: 0.846 ng

RT: 23.10 min Scan# 1984

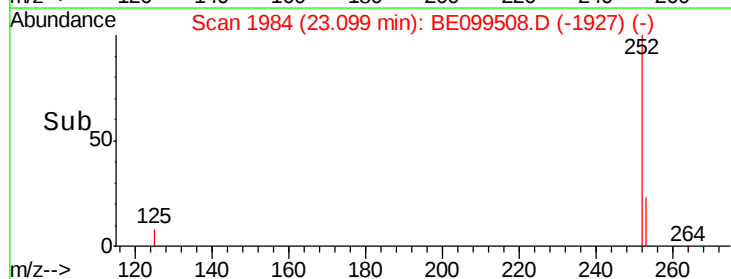
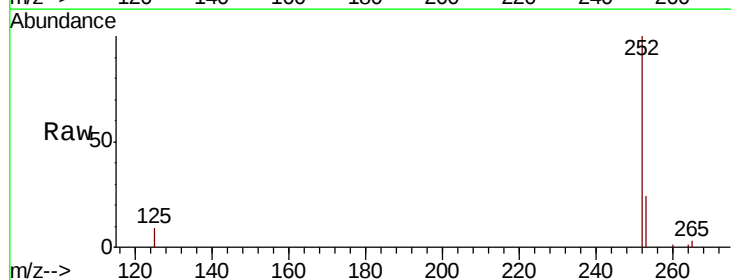
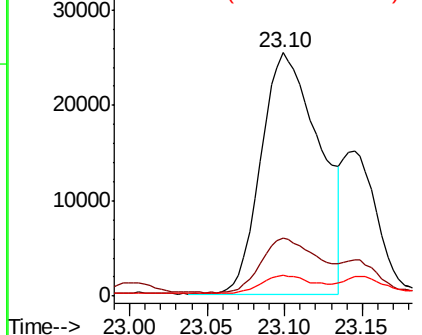
Delta R.T. 0.00 min

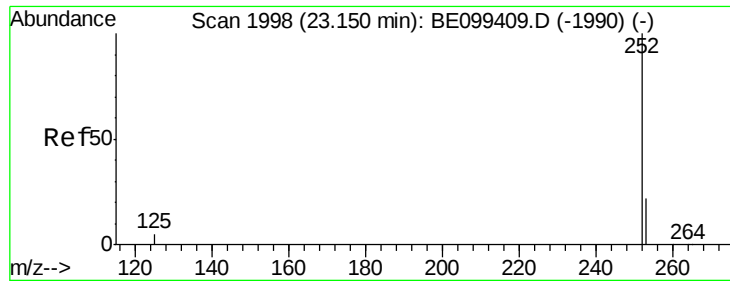
Lab File: BE099508.D

Acq: 3 May 2019 00:07

Tgt Ion:	252	Resp:	65930
Ion Ratio	Lower	Upper	
252	100		
253	23.8	18.1	27.1
125	8.8	5.6	8.4#

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





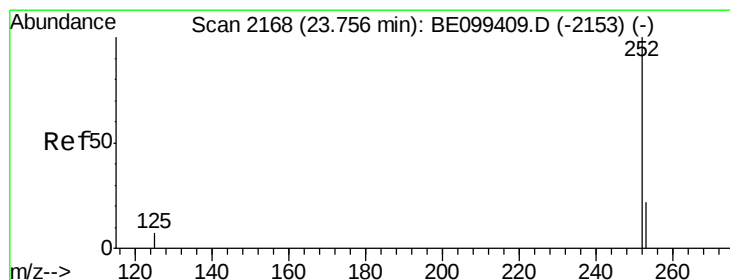
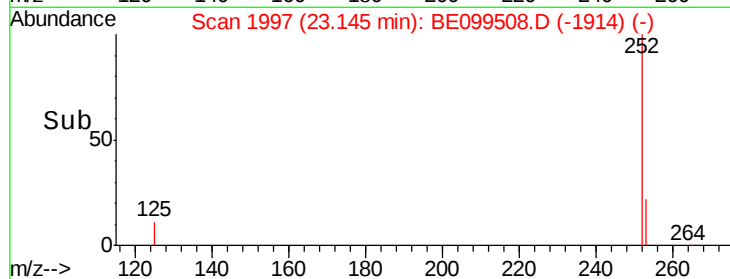
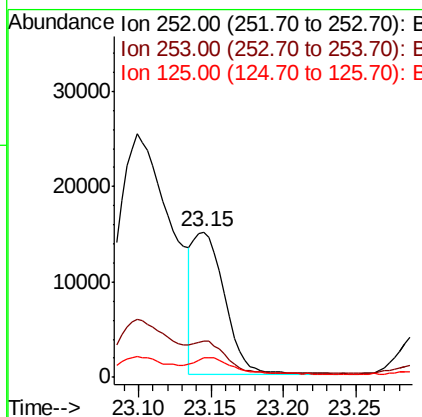
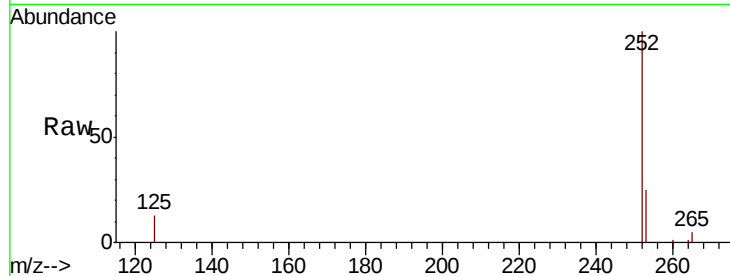
#36
Benzo(k)fluoranthene
Concen: 0.307 ng m
RT: 23.15 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BE099508.D
Acq: 3 May 2019 00:07

Instrument :
BNA_E
ClientSampleId :
PST-001-B013-042519

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.4	27.6
125	13.1	5.0	7.4

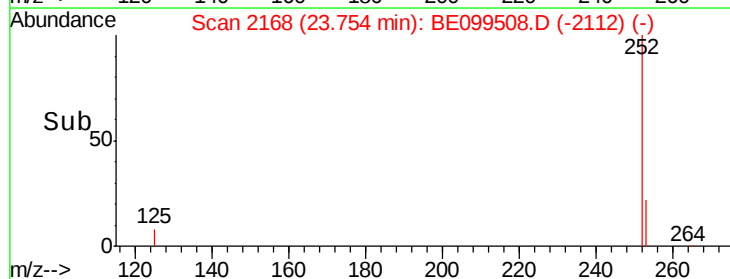
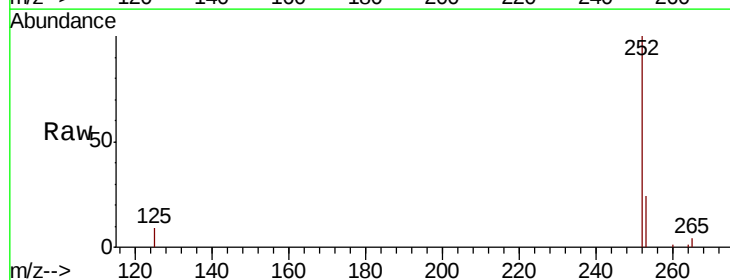
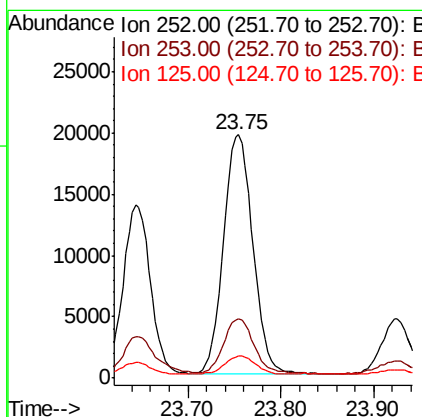
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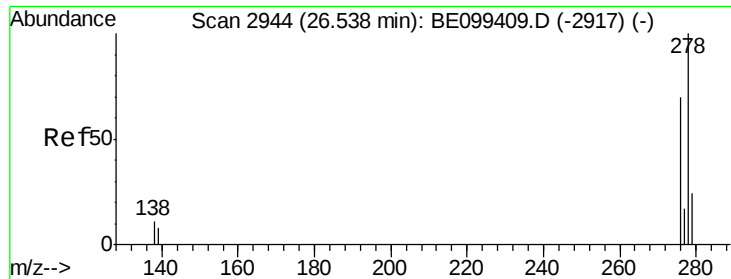
Sohil
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#37
Benzo(a)pyrene
Concen: 0.584 ng
RT: 23.75 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BE099508.D
Acq: 3 May 2019 00:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.9	28.3
125	9.3	6.7	10.1





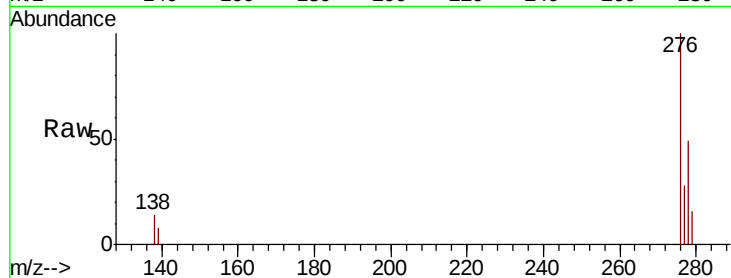
#38
Dibenzo(a,h)anthracene
Concen: 0.090 ng
RT: 26.54 min Scan# 2944
Delta R.T. -0.00 min
Lab File: BE099508.D
Acq: 3 May 2019 00:07

Instrument :
BNA_E
ClientSampleId :
PST-001-B013-042519

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.2	7.7	11.5#
279	32.5	20.2	30.2#

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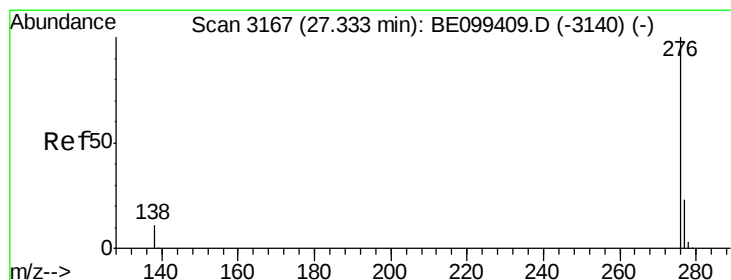
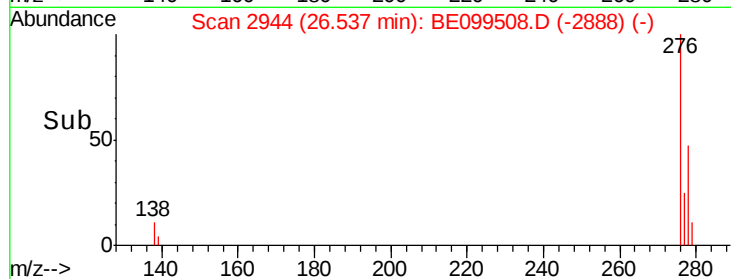
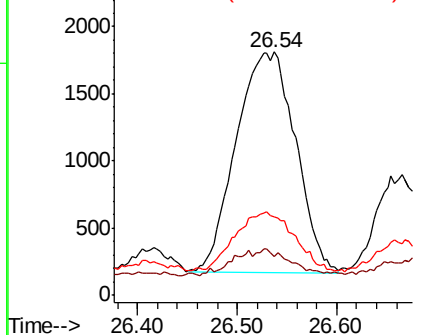


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#39
Benzo(g,h,i)perylene
Concen: 0.254 ng
RT: 27.34 min Scan# 3168
Delta R.T. 0.00 min
Lab File: BE099508.D
Acq: 3 May 2019 00:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.5	29.3
138	12.7	9.6	14.4

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

