

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004865.D
 Acq On : 22 Mar 2019 00:06
 Operator : JU/SJ
 Sample : K1817-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-028-SW066-030619

Manual Integrations
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Sohil
 3/22/2019 7:16:30 PM

Quant Time: Mar 22 02:50:52 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 20 16:06:20 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	1714	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	7906	0.40	ng	0.00
13) Acenaphthene-d10	14.33	164	5139	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	13780	0.40	ng	0.00
27) Chrysene-d12	21.29	240	18615	0.40	ng	0.00
34) Perylene-d12	23.54	264	20709	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.29	112	1777	0.38	ng	0.00
5) Phenol-d6	6.87	99	2340	0.40	ng	0.00
8) Nitrobenzene-d5	8.87	82	1649	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	4445	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1056	0.30	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	6773	0.32	ng	0.00
25) Fluoranthene-d10	19.13	212	13333	0.29	ng	0.00
29) Terphenyl-d14	19.72	244	10055	0.26	ng	0.00

Target Compounds

						Qvalue
16) Acenaphthylene	14.07	152	1535	0.058	ng	99
23) Phenanthrene	17.13	178	12838	0.289	ng	99
24) Anthracene	17.23	178	1046	0.026	ng	98
26) Fluoranthene	19.16	202	20732	0.363	ng	99
28) Pyrene	19.52	202	19703	0.347	ng	98
30) Benzo(a)anthracene	21.27	228	7974	0.131	ng	95
31) Chrysene	21.32	228	10588	0.165	ng	96
32) Bis(2-ethylhexyl)phthalate	21.18	149	1553	0.064	ng	# 98
33) Indeno(1,2,3-cd)pyrene	25.81	276	7019	0.075	ng	96
35) Benzo(b)fluoranthene	22.86	252	12630	0.169	ng	# 89
36) Benzo(k)fluoranthene	22.90	252	4800m	0.065	ng	
37) Benzo(a)pyrene	23.45	252	9113	0.133	ng	# 88
38) Dibenzo(a,h)anthracene	25.82	278	1657	0.021	ng	# 45
39) Benzo(g,h,i)perylene	26.52	276	6993	0.086	ng	94

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

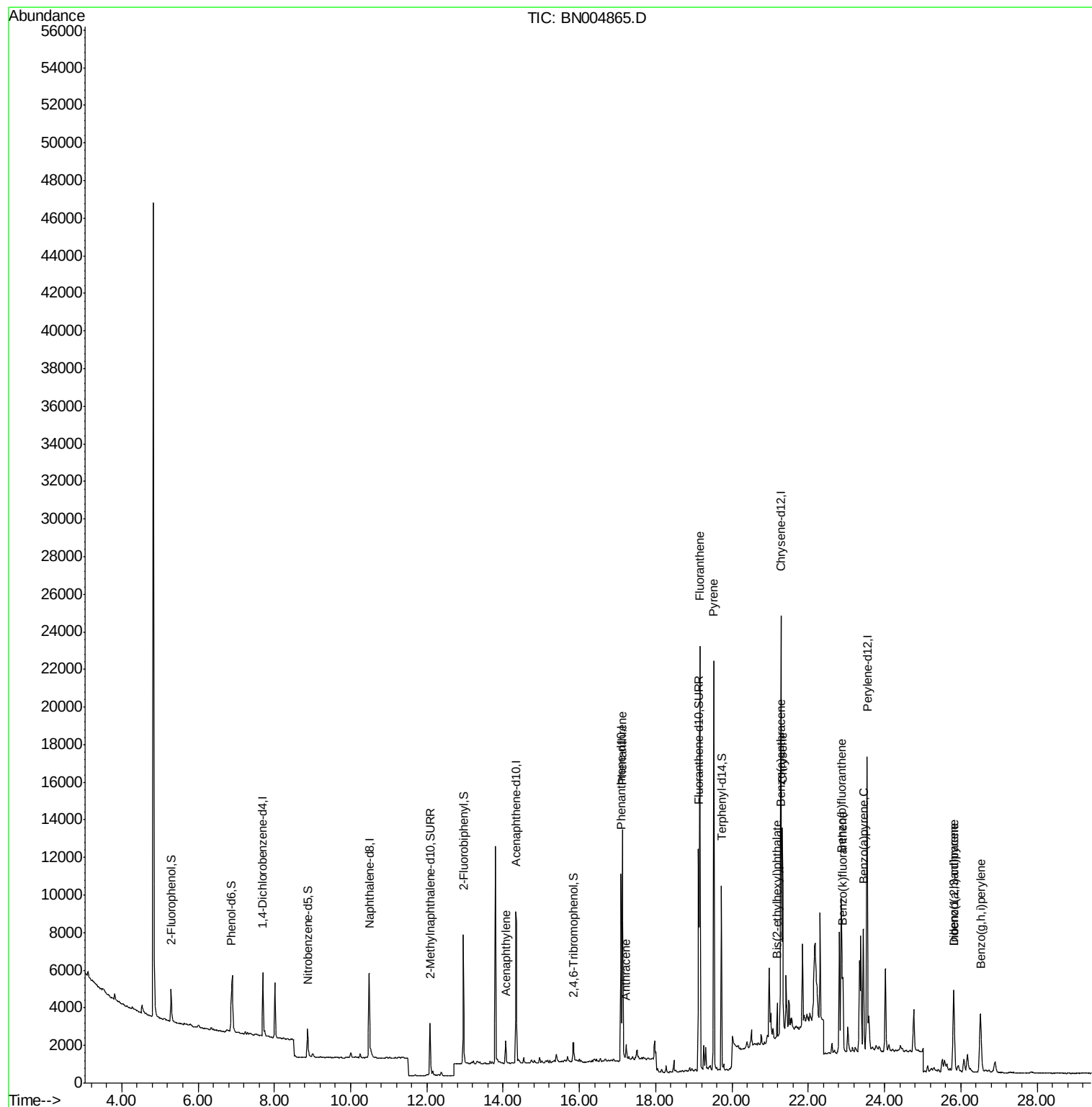
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
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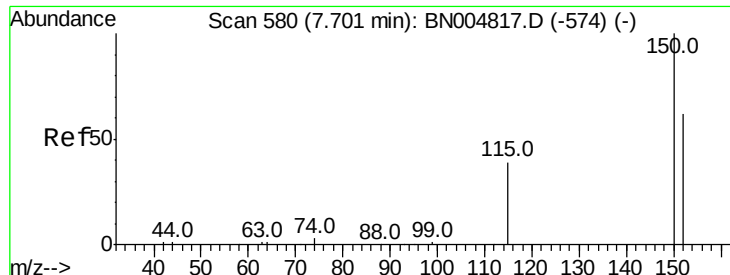
Instrument :
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PST-028-SW066-030619

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.70 min Scan# 580

Delta R.T. 0.00 min

Lab File: BN004865.D

Acq: 22 Mar 2019 00:06

Instrument :

BNA_N

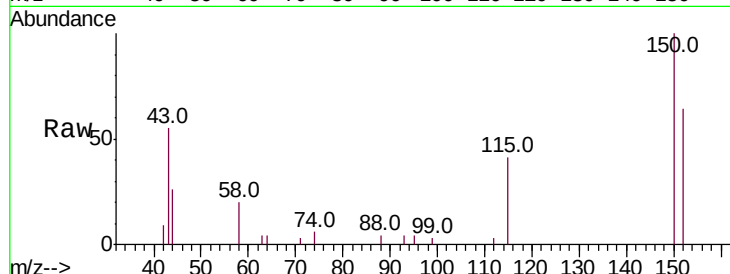
ClientSampleId :

PST-028-SW066-030619

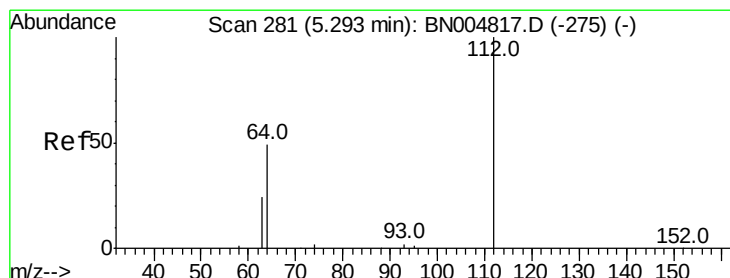
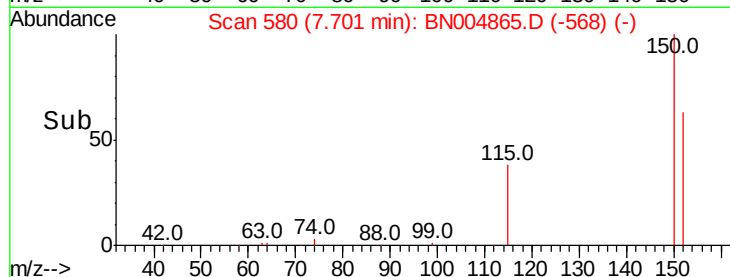
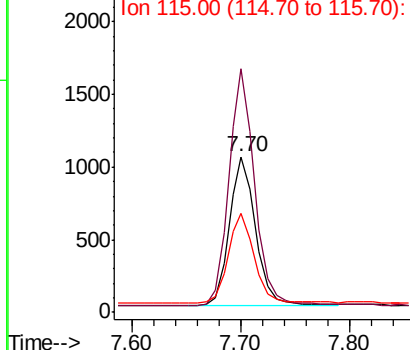
Tot Ion:	152	Resp:	1714
Ion	Ratio	Lower	Upper
152	100		
150	156.3	126.2	189.4
115	63.5	52.6	79.0

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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: 0.381 ng

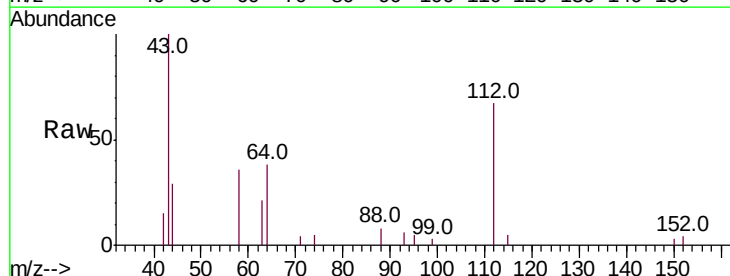
RT: 5.29 min Scan# 281

Delta R.T. 0.00 min

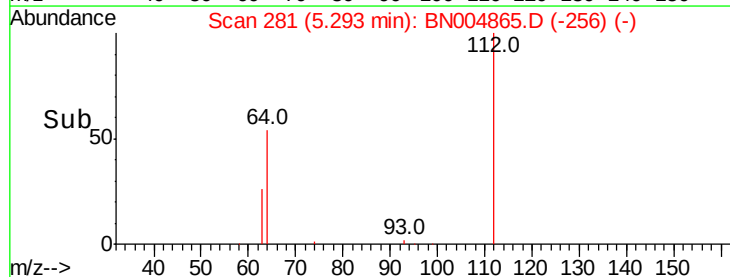
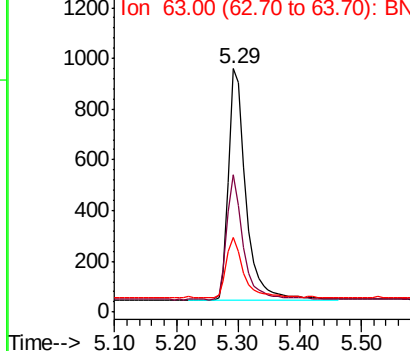
Lab File: BN004865.D

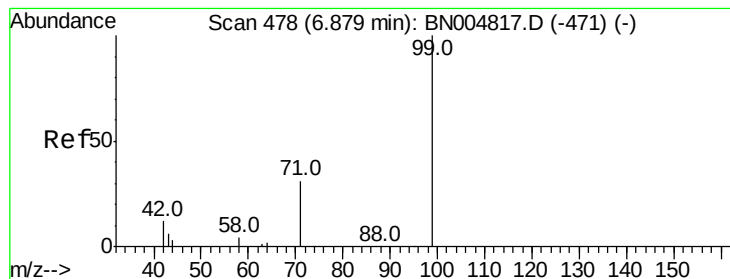
Acq: 22 Mar 2019 00:06

Tgt Ion:	112	Resp:	1777
Ion	Ratio	Lower	Upper
112	100		
64	51.5	40.0	60.0
63	26.1	20.2	30.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BNC
Ion 63.00 (62.70 to 63.70): BNC





#5

Phenol-d6

Concen: 0.403 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004865.D

Acq: 22 Mar 2019 00:06

Instrument :

BNA_N

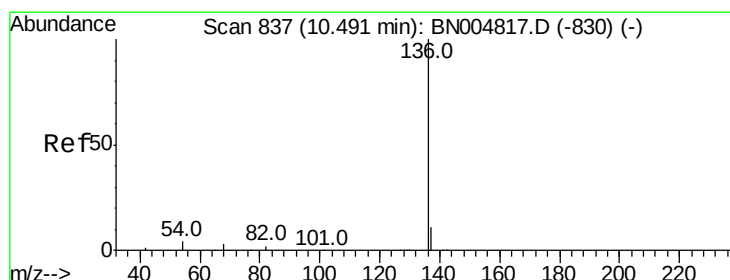
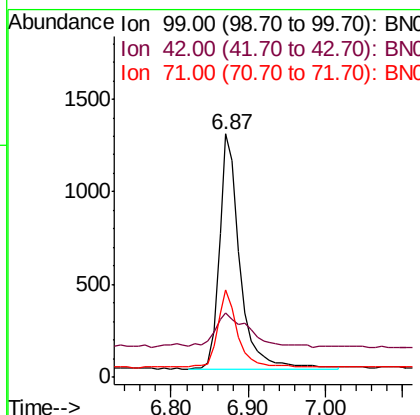
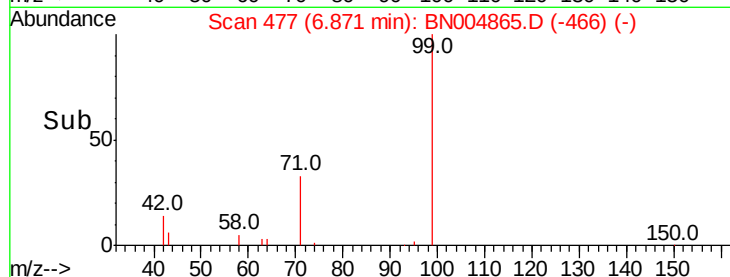
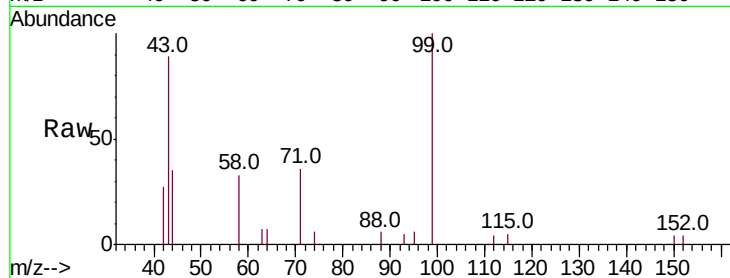
ClientSampleId :

PST-028-SW066-030619

Tot Ion:	99	Resp:	2340
Ion	Ratio	Lower	Upper
99	100		
42	24.2	12.7	19.1#
71	32.1	26.6	40.0

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#7

Naphthalene-d8

Concen: 0.400 ng

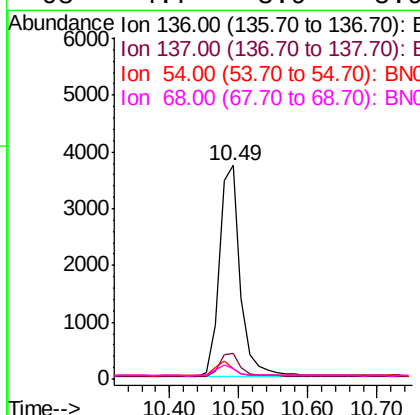
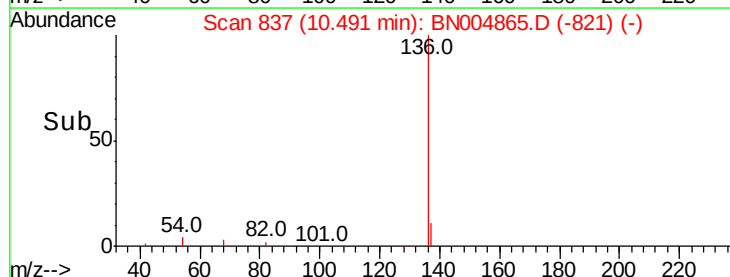
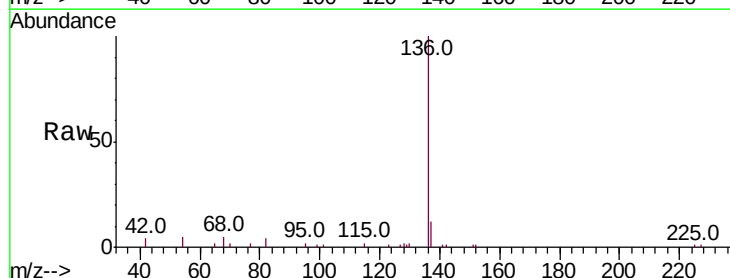
RT: 10.49 min Scan# 837

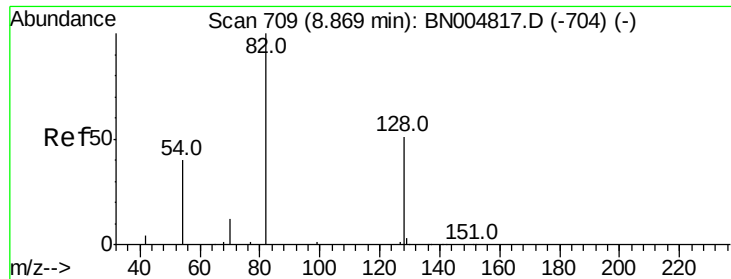
Delta R.T. 0.00 min

Lab File: BN004865.D

Acq: 22 Mar 2019 00:06

Tgt Ion:	136	Resp:	7906
Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	5.1	4.2	6.2
68	4.7	3.9	5.9





#8

Nitrobenzene-d5

Concen: 0.315 ng

RT: 8.87 min Scan# 709

Delta R.T. 0.00 min

Lab File: BN004865.D

Acq: 22 Mar 2019 00:06

Instrument :

BNA_N

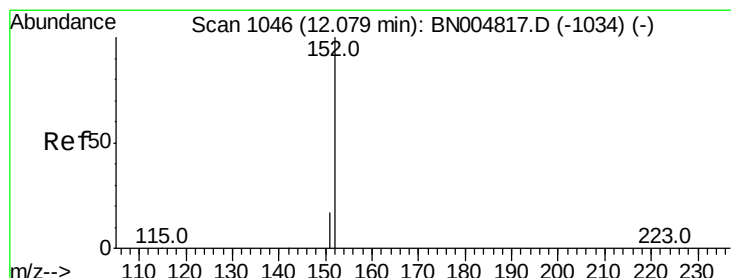
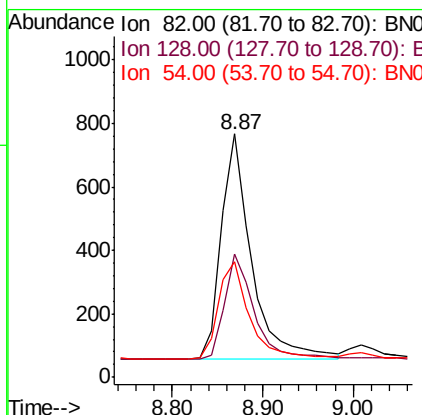
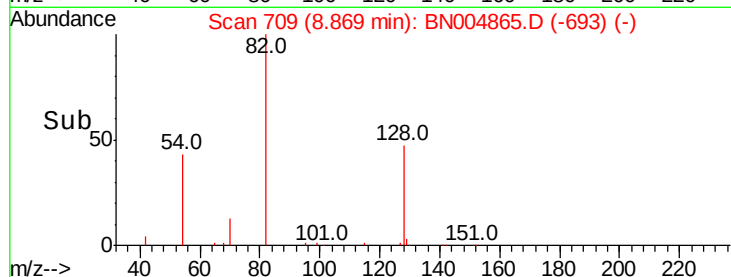
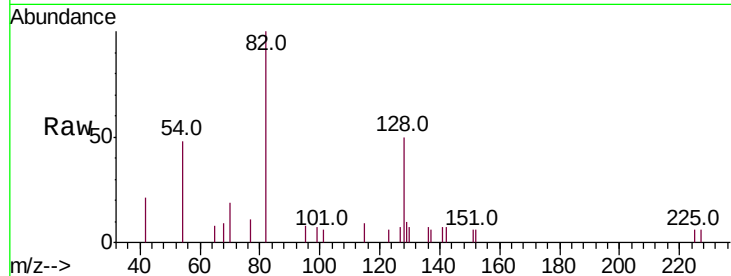
ClientSampleId :

PST-028-SW066-030619

Tot Ion:	82	Resp:	1649
Ion Ratio	Lower	Upper	
82	100		
128	50.5	43.0	64.6
54	47.6	35.3	52.9

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#11

2-Methylnaphthalene-d10

Concen: 0.322 ng

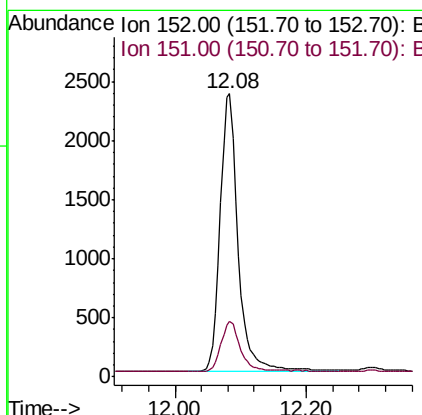
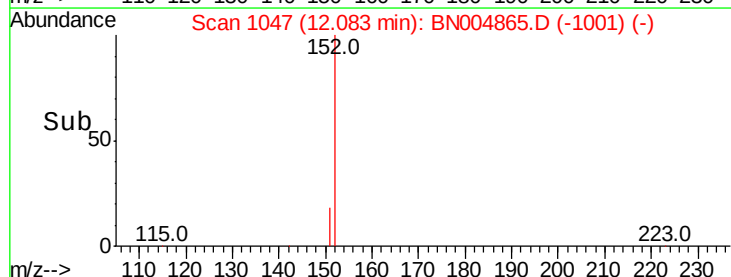
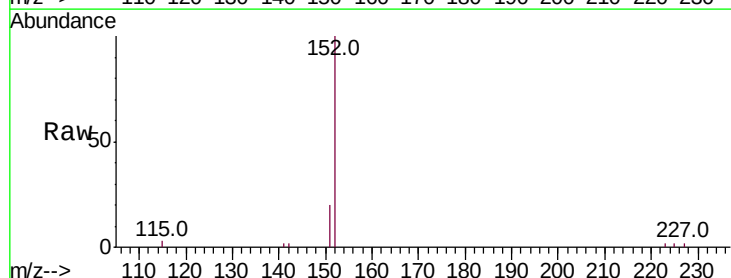
RT: 12.08 min Scan# 1047

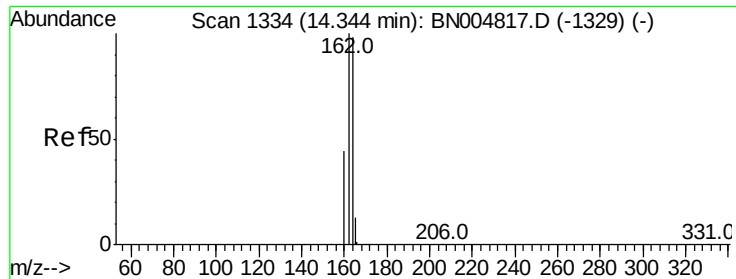
Delta R.T. 0.00 min

Lab File: BN004865.D

Acq: 22 Mar 2019 00:06

Tgt Ion:	152	Resp:	4445
Ion Ratio	Lower	Upper	
152	100		
151	19.1	15.5	23.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004865.D

Acq: 22 Mar 2019 00:06

Instrument :

BNA_N

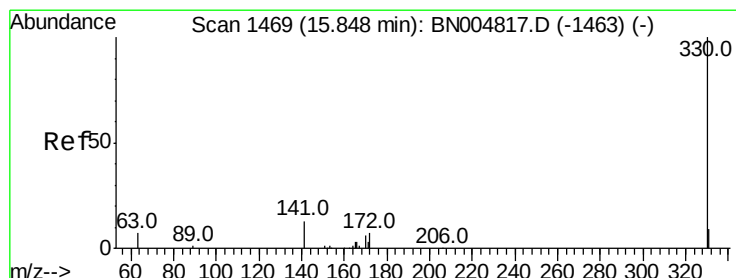
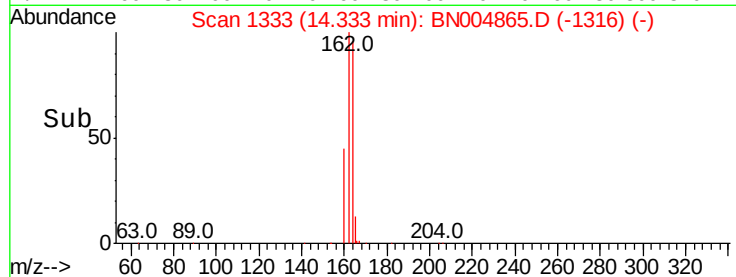
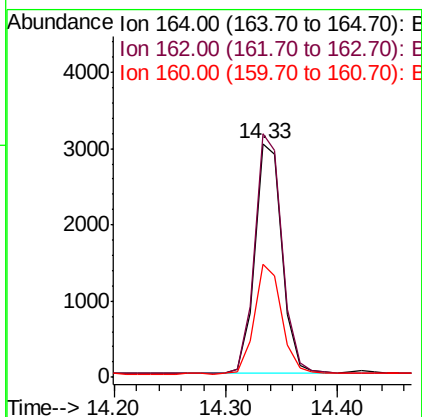
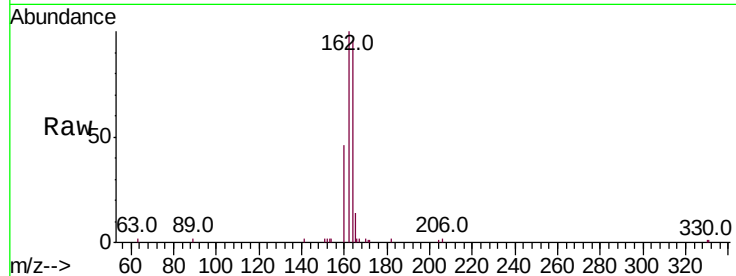
ClientSampleId :

PST-028-SW066-030619

Tot Ion:	164	Resp:	5139
Ion Ratio	Lower	Upper	
164	100		
162	104.2	81.9	122.9
160	48.1	36.6	54.8

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#14

2,4,6-Tribromophenol

Concen: 0.298 ng

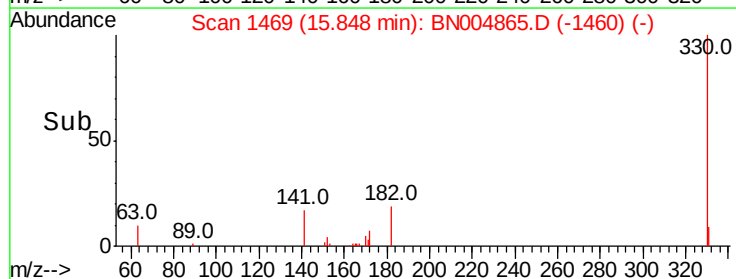
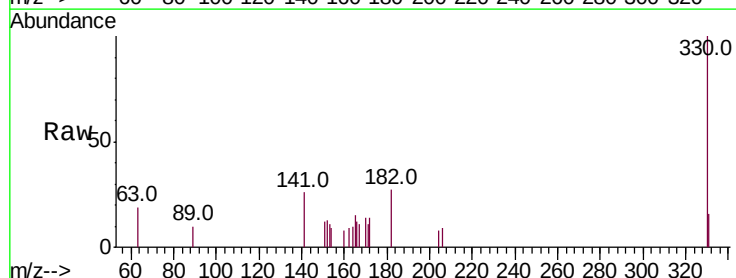
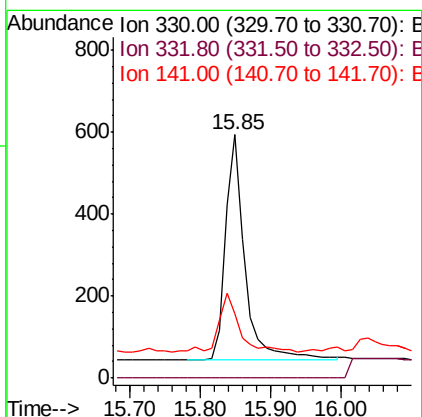
RT: 15.85 min Scan# 1469

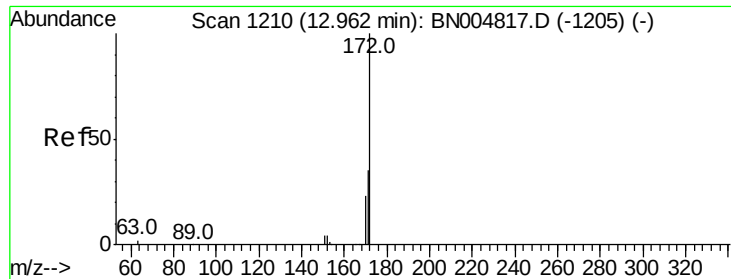
Delta R.T. 0.00 min

Lab File: BN004865.D

Acq: 22 Mar 2019 00:06

Tgt Ion:	330	Resp:	1056
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	27.6	20.9	31.3





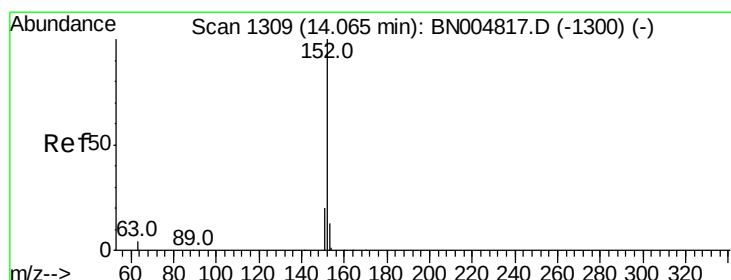
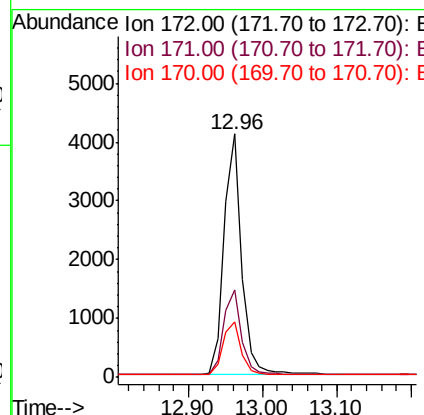
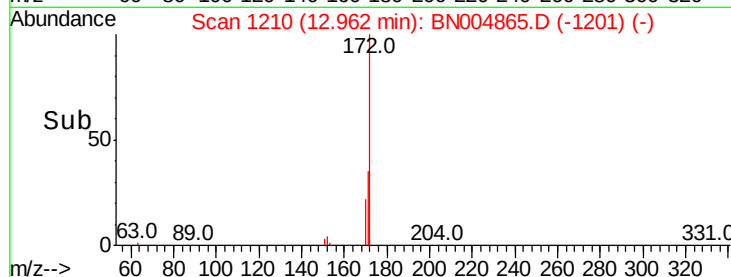
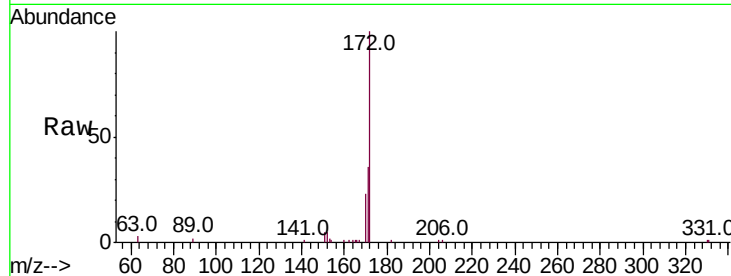
#15
2-Fluorobiphenyl
Concen: 0.319 ng
RT: 12.96 min Scan# 1210
Delta R.T. 0.00 min
Lab File: BN004865.D
Acq: 22 Mar 2019 00:06

Instrument :
BNA_N
ClientSampleId :
PST-028-SW066-030619

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	22.9	18.7	28.1

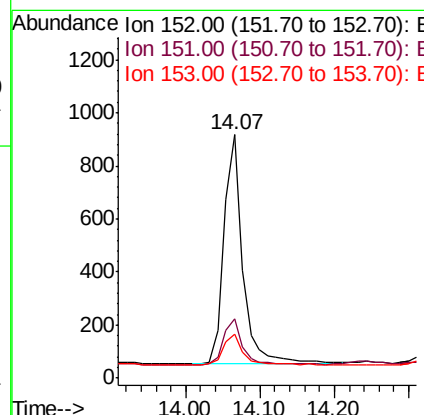
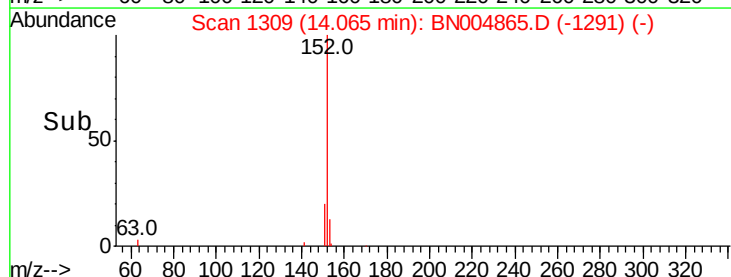
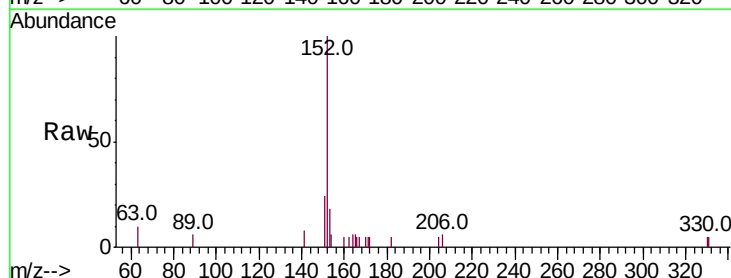
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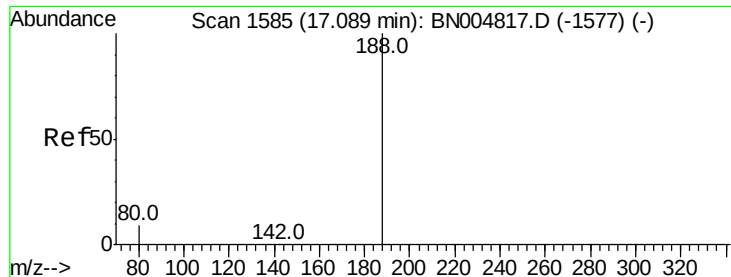
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#16
Acenaphthylene
Concen: 0.058 ng
RT: 14.07 min Scan# 1309
Delta R.T. 0.00 min
Lab File: BN004865.D
Acq: 22 Mar 2019 00:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	13.9	10.5	15.7





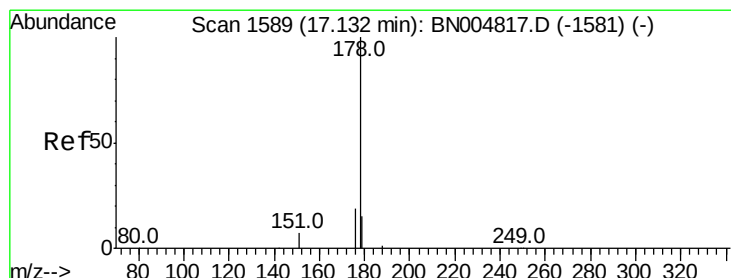
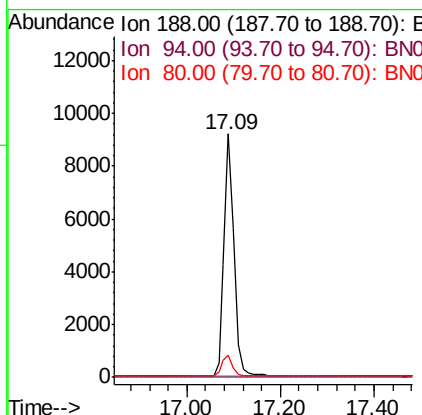
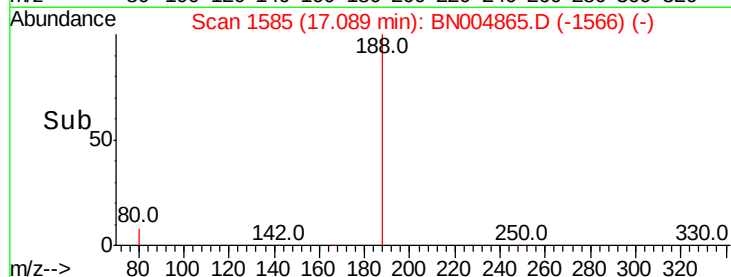
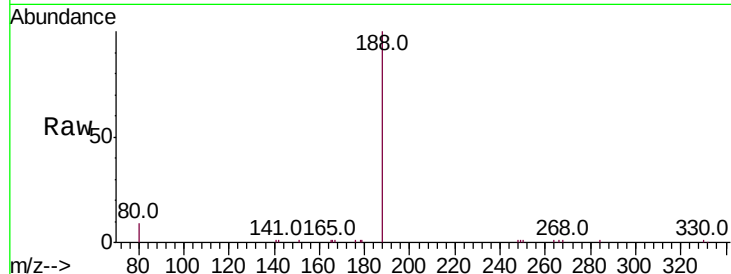
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BN004865.D
Acq: 22 Mar 2019 00:06

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ClientSampleId :
PST-028-SW066-030619

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	7.4	11.2

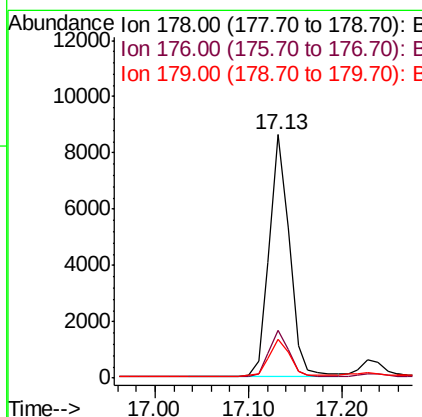
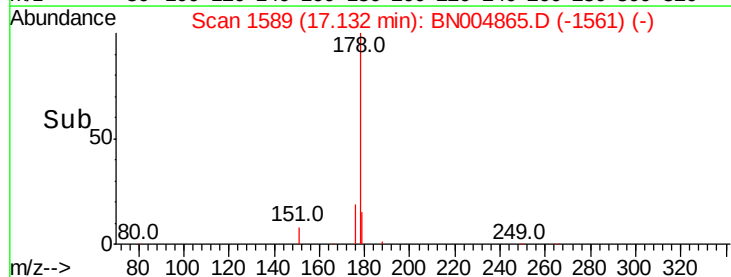
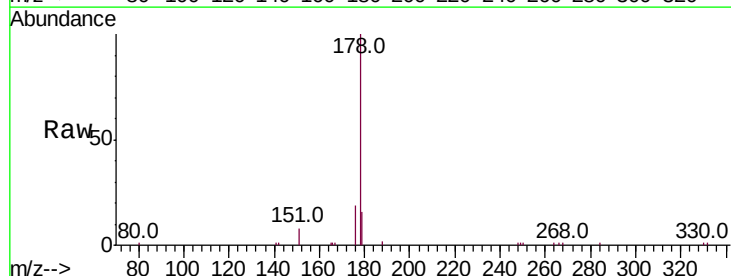
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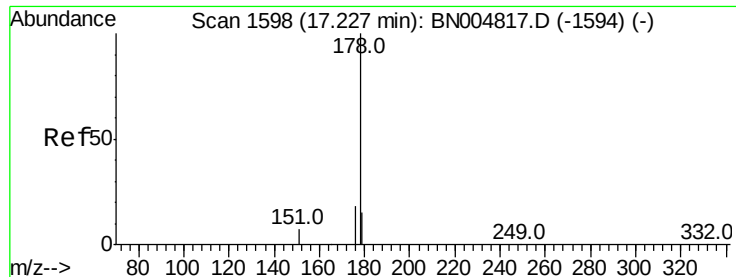
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#23
Phenanthrene
Concen: 0.289 ng
RT: 17.13 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BN004865.D
Acq: 22 Mar 2019 00:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.7	12.1	18.1





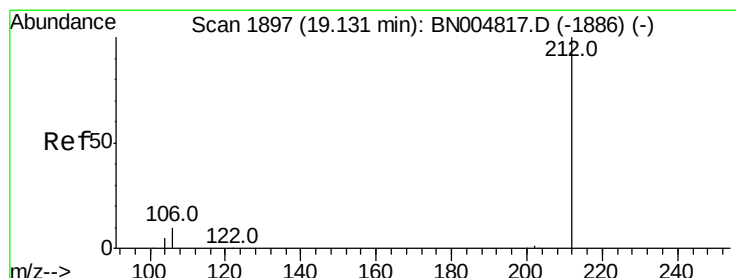
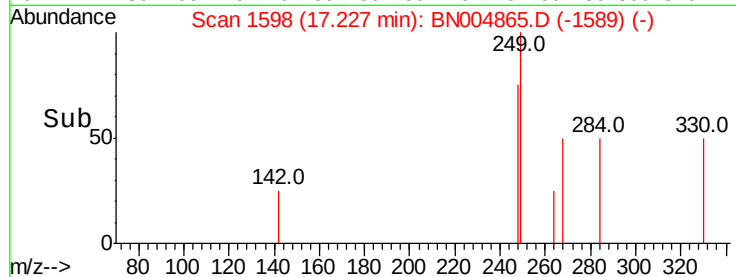
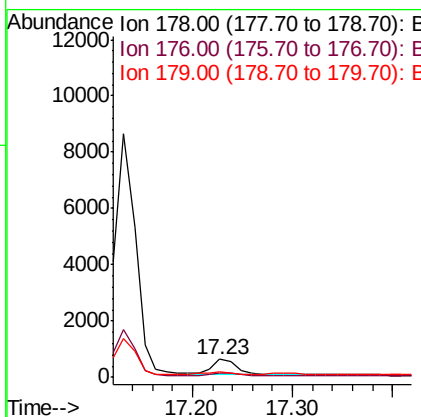
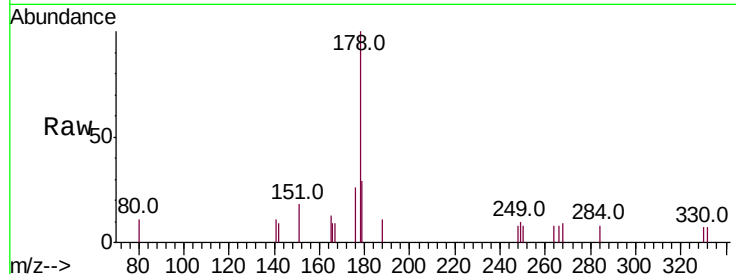
#24
 Anthracene
 Concen: 0.026 ng
 RT: 17.23 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BN004865.D
 Acq: 22 Mar 2019 00:06

Instrument :
 BNA_N
 ClientSampleId :
 PST-028-SW066-030619

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.5	21.7
179	17.1	12.2	18.4

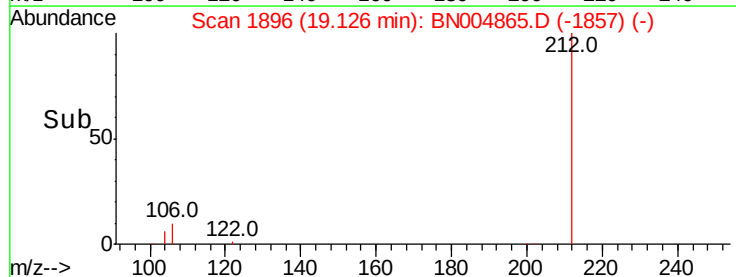
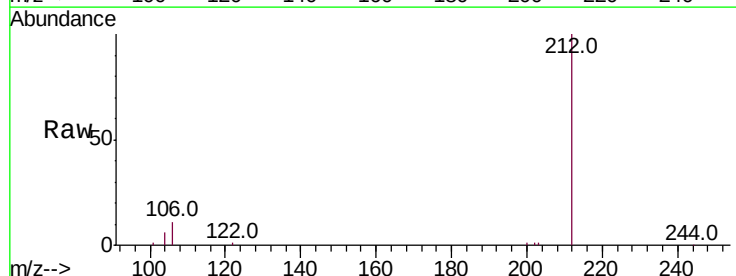
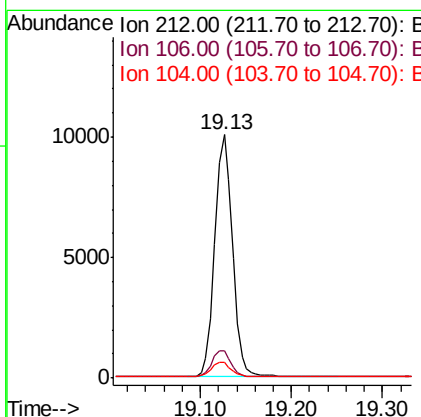
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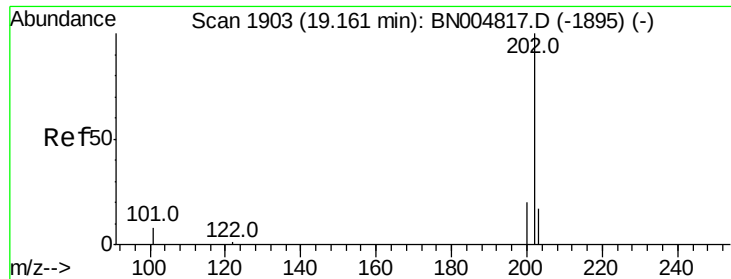
Sohil
 3/22/2019 7:16:30 PM



#25
 Fluoranthene-d10
 Concen: 0.289 ng
 RT: 19.13 min Scan# 1896
 Delta R.T. -0.00 min
 Lab File: BN004865.D
 Acq: 22 Mar 2019 00:06

Tgt Ion	Ratio	Lower	Upper
212	100		
106	11.3	8.6	13.0
104	6.2	4.7	7.1





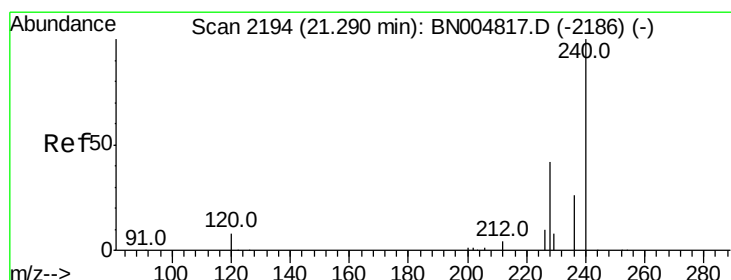
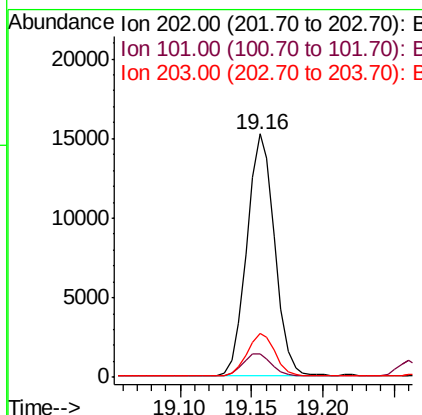
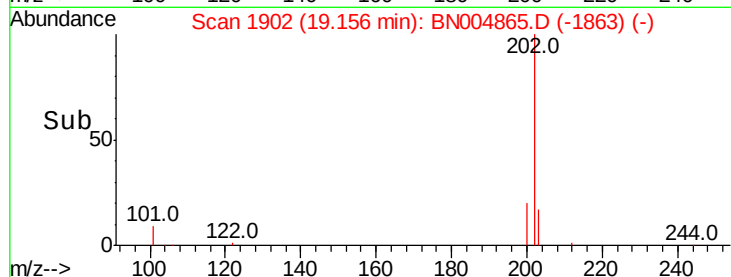
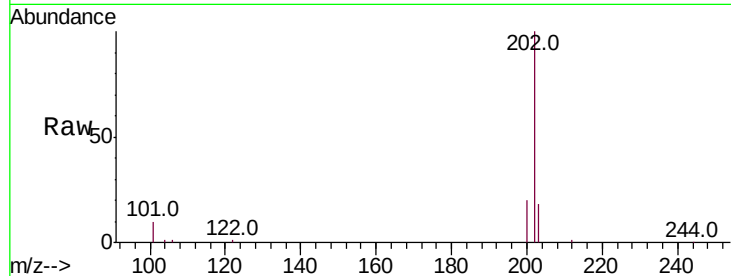
#26
 Fluoranthene
 Concen: 0.363 ng
 RT: 19.16 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BN004865.D
 Acq: 22 Mar 2019 00:06

Instrument :
 BNA_N
 ClientSampleId :
 PST-028-SW066-030619

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	7.5	11.3
203	17.5	13.8	20.6

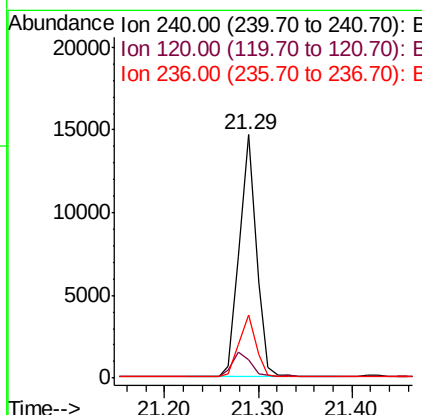
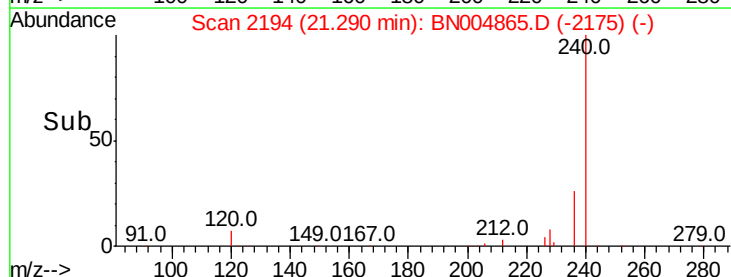
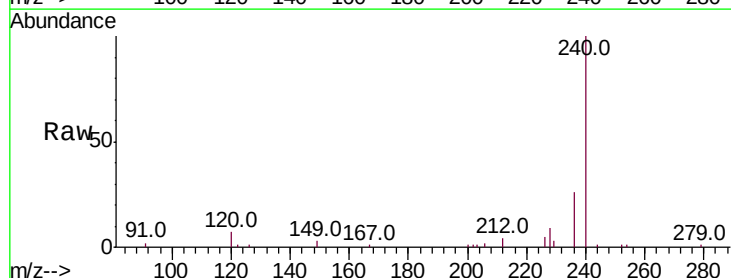
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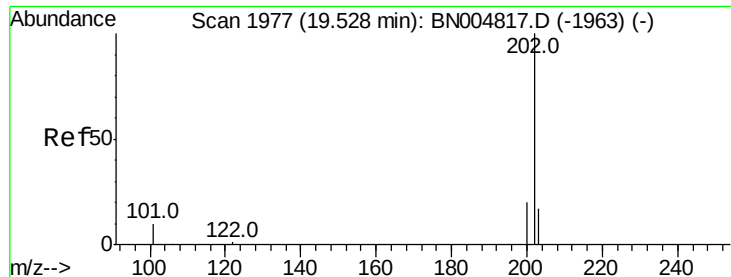
Sohil
 3/22/2019 7:16:30 PM



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.29 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: BN004865.D
 Acq: 22 Mar 2019 00:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	7.2	10.8
236	26.1	20.9	31.3





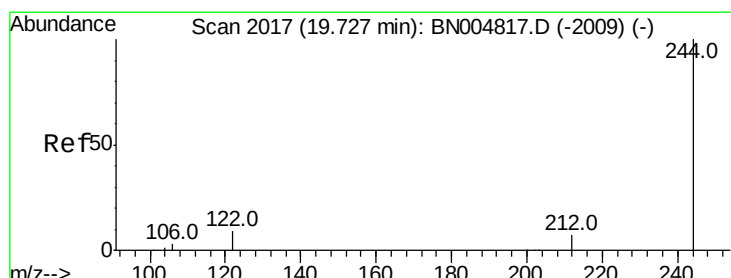
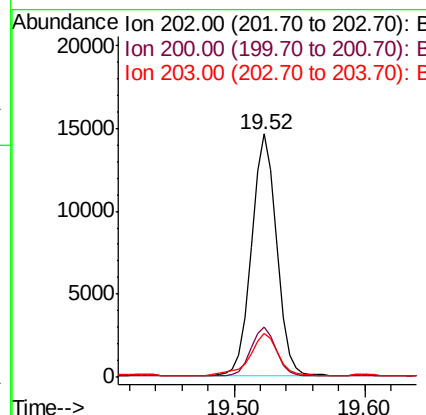
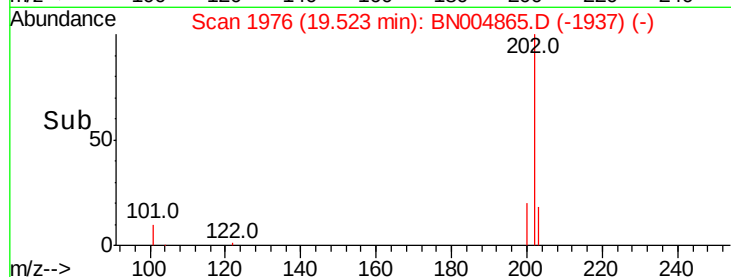
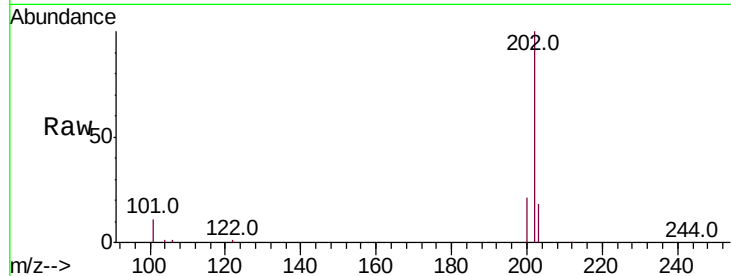
#28
Pvrene
Concen: 0.347 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BN004865.D
Acq: 22 Mar 2019 00:06

Instrument :
BNA_N
ClientSampleId :
PST-028-SW066-030619

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	19.3	14.0	21.0

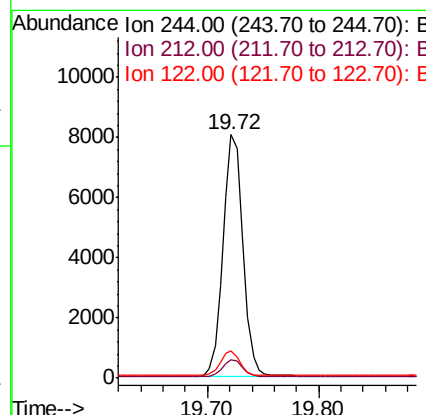
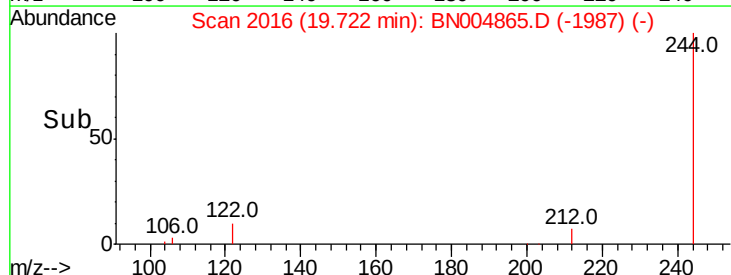
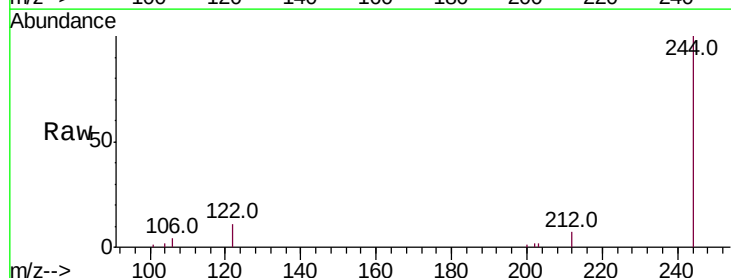
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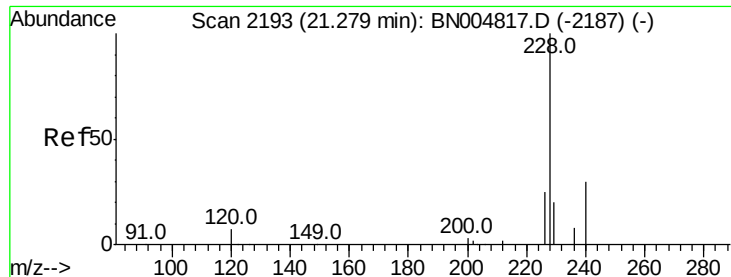
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#29
Terphenyl-d14
Concen: 0.264 ng
RT: 19.72 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BN004865.D
Acq: 22 Mar 2019 00:06

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.6
122	11.1	7.9	11.9





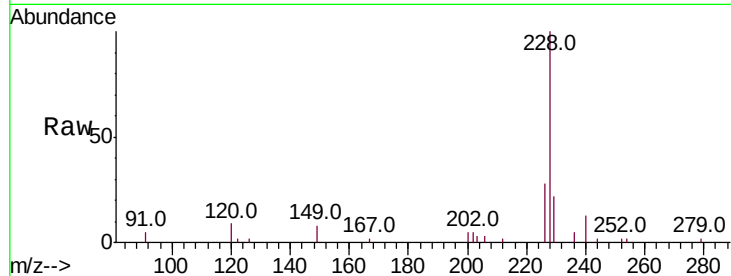
#30
Benzo(a)anthracene
Concen: 0.131 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN004865.D
Acq: 22 Mar 2019 00:06

Instrument :
BNA_N
ClientSampleId :
PST-028-SW066-030619

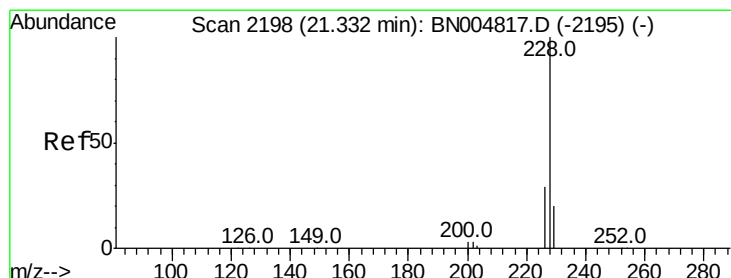
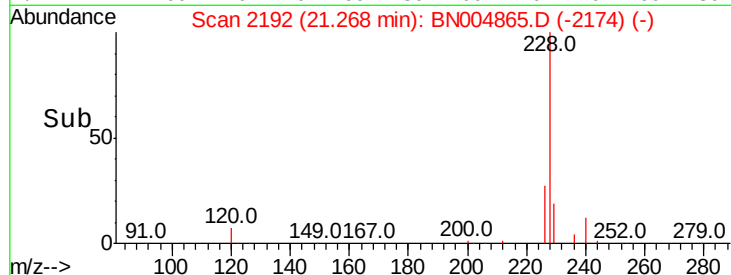
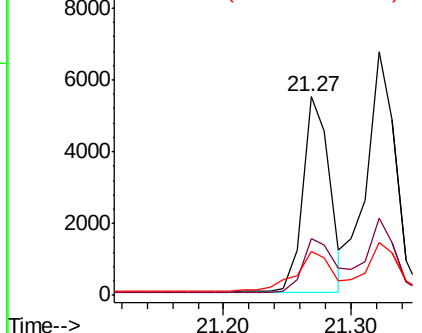
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	20.6	31.0
229	22.1	16.2	24.4

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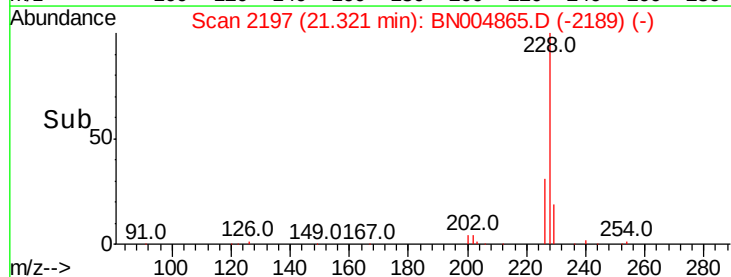
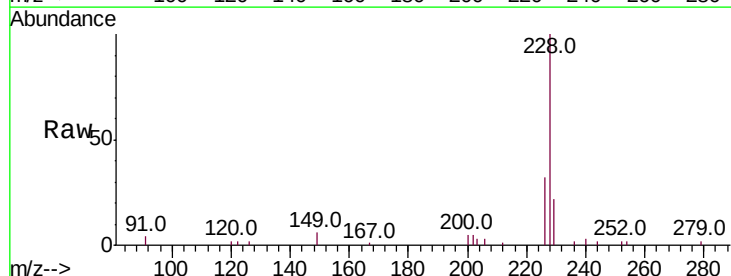
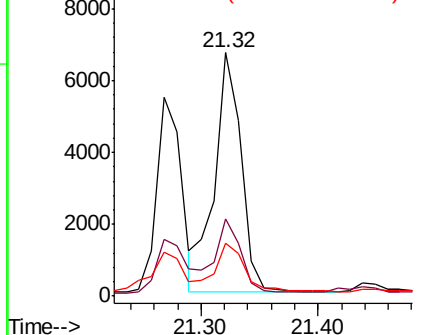
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

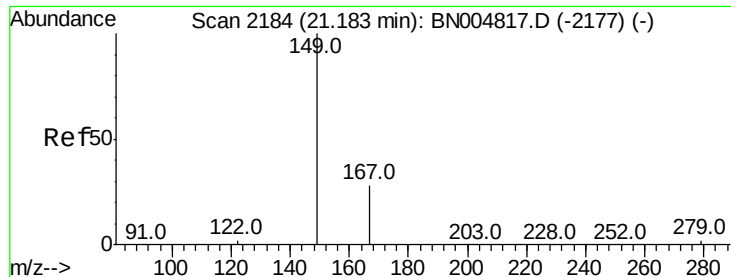


#31
Chrysene
Concen: 0.165 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN004865.D
Acq: 22 Mar 2019 00:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.0	34.6
229	21.8	16.2	24.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.064 ng

RT: 21.18 min Scan# 2184

Delta R.T. 0.00 min

Lab File: BN004865.D

Acq: 22 Mar 2019 00:06

Instrument :

BNA_N

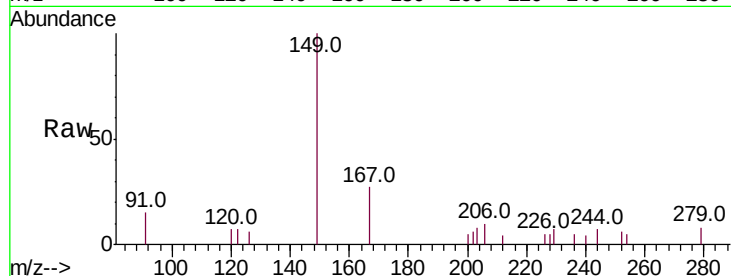
ClientSampleId :

PST-028-SW066-030619

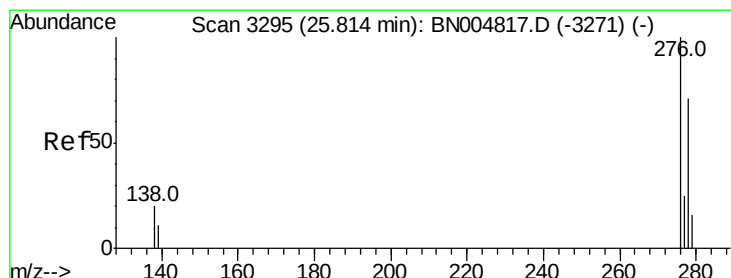
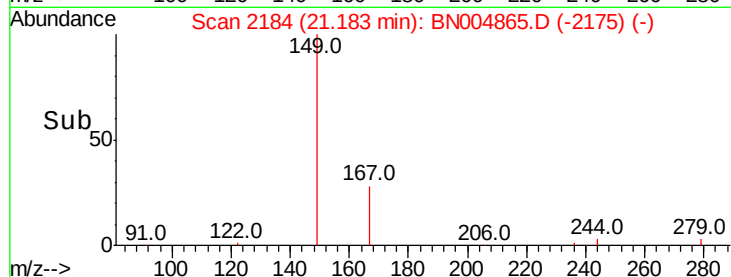
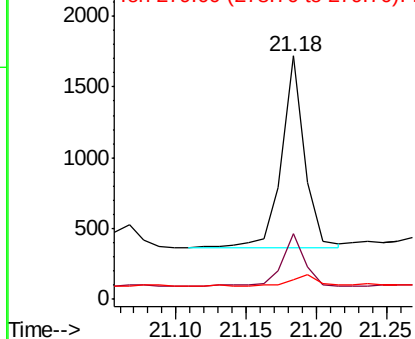
Tot Ion:	149	Resp:	1553
Ion Ratio	Lower	Upper	
149	100		
167	27.9	23.0	34.4
279	7.5	4.6	6.8#

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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: 0.075 ng

RT: 25.81 min Scan# 3295

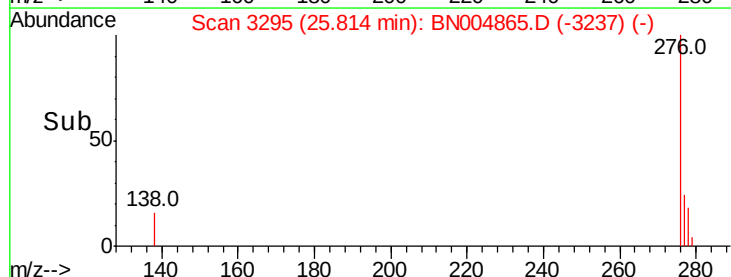
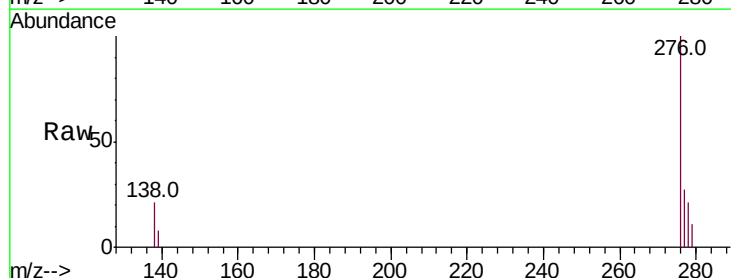
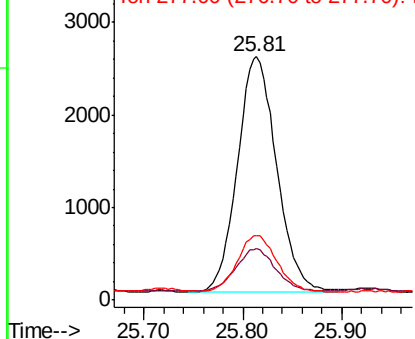
Delta R.T. 0.00 min

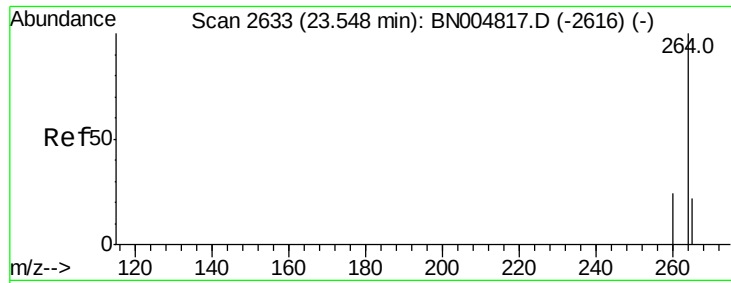
Lab File: BN004865.D

Acq: 22 Mar 2019 00:06

Tgt Ion:	276	Resp:	7019
Ion Ratio	Lower	Upper	
276	100		
138	18.0	16.6	24.8
277	24.2	20.3	30.5

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





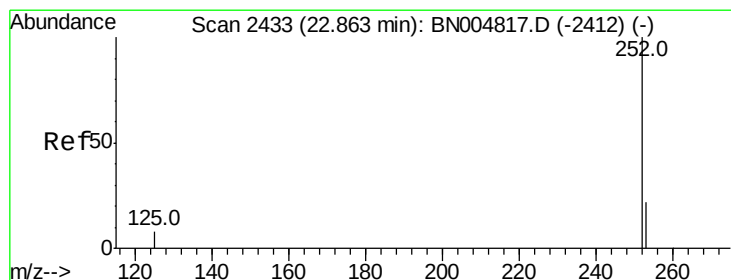
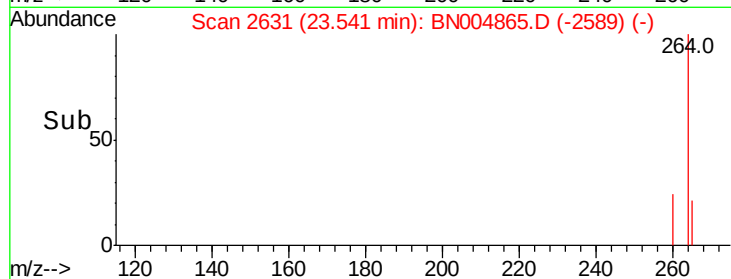
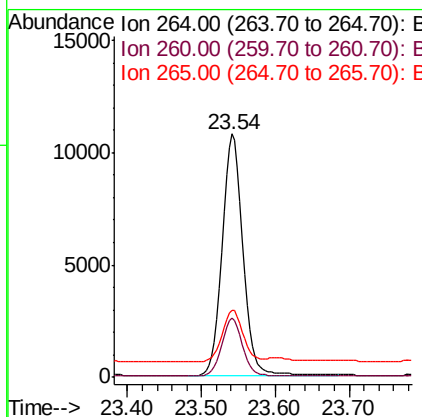
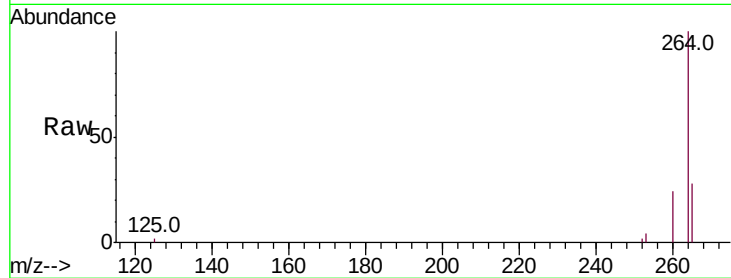
#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2631
Delta R.T. -0.01 min
Lab File: BN004865.D
Acq: 22 Mar 2019 00:06

Instrument :
BNA_N
ClientSampleId :
PST-028-SW066-030619

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	27.6	23.1	34.7

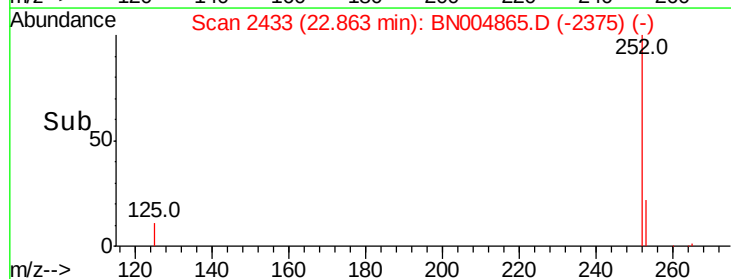
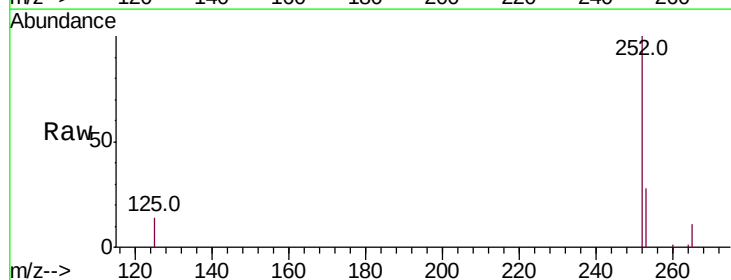
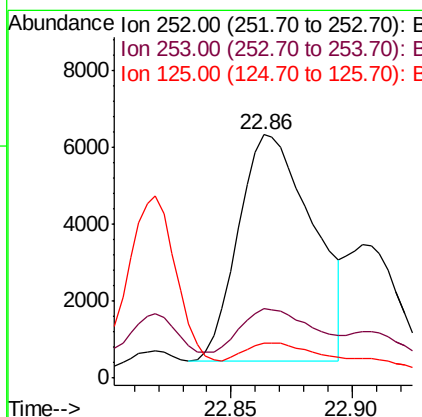
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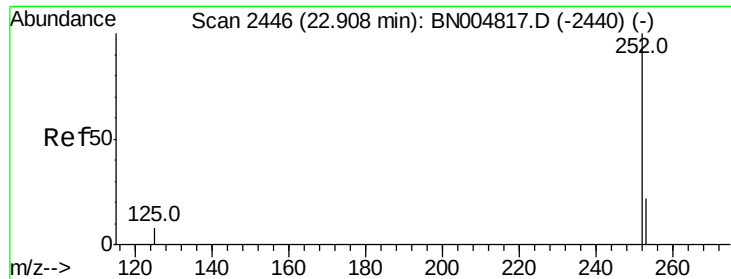
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#35
Benzo(b)fluoranthene
Concen: 0.169 ng
RT: 22.86 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BN004865.D
Acq: 22 Mar 2019 00:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.4	19.0	28.4
125	14.3	7.4	11.2





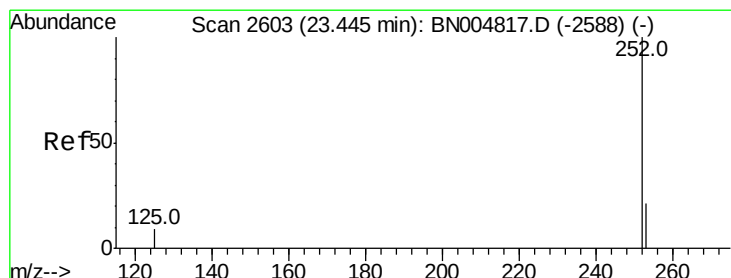
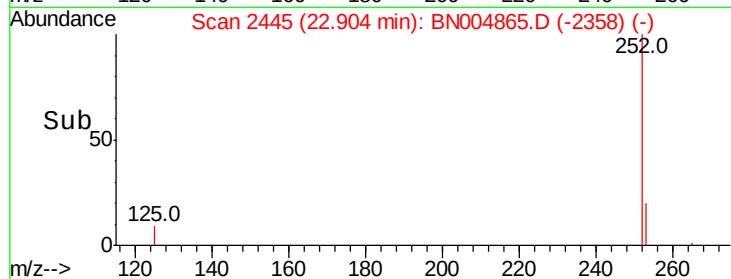
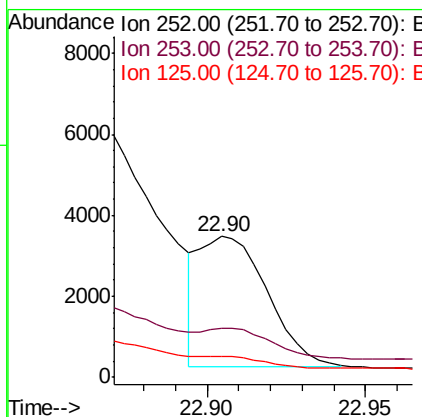
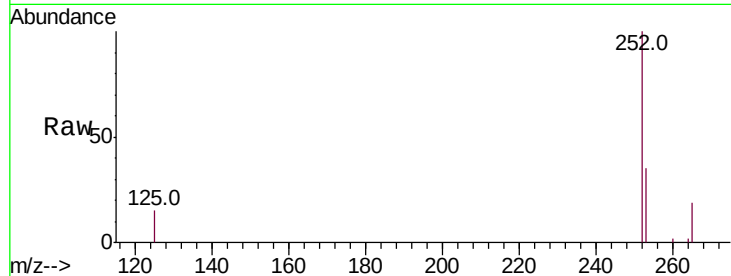
#36
Benzo(k)fluoranthene
Concen: 0.065 ng m
RT: 22.90 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BN004865.D
Acq: 22 Mar 2019 00:06

Instrument :
BNA_N
ClientSampleId :
PST-028-SW066-030619

Tot Ion	Ratio	Lower	Upper
252	100		
253	34.6	19.3	28.9#
125	14.8	7.4	11.0#

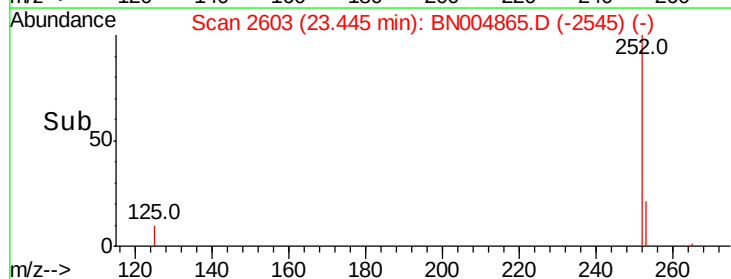
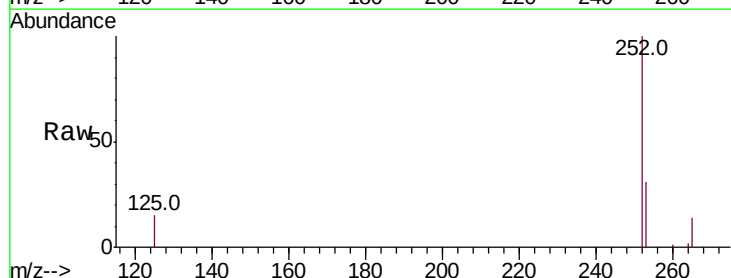
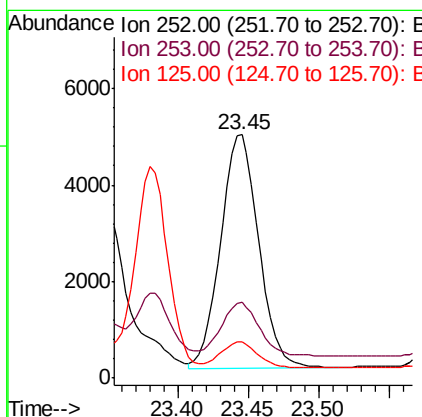
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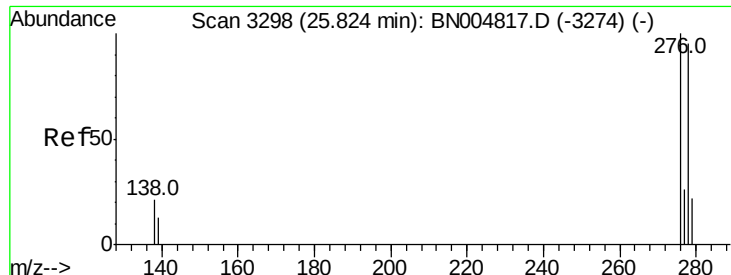
Sohil
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#37
Benzo(a)pyrene
Concen: 0.133 ng
RT: 23.45 min Scan# 2603
Delta R.T. 0.00 min
Lab File: BN004865.D
Acq: 22 Mar 2019 00:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.9	19.7	29.5#
125	14.7	8.3	12.5#





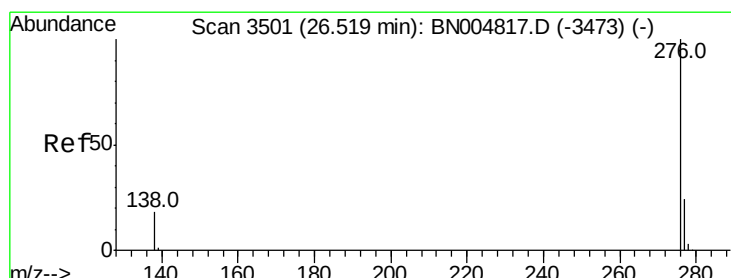
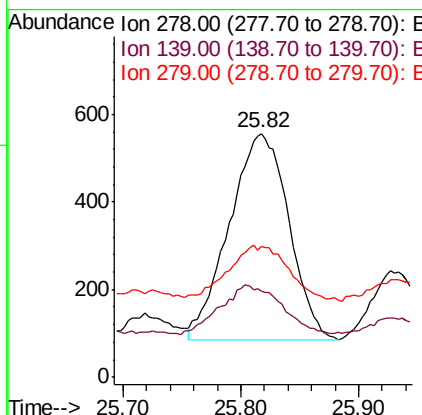
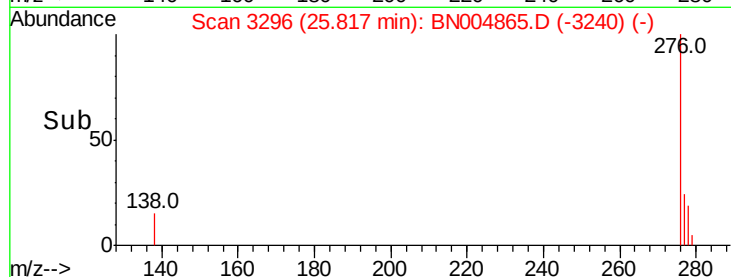
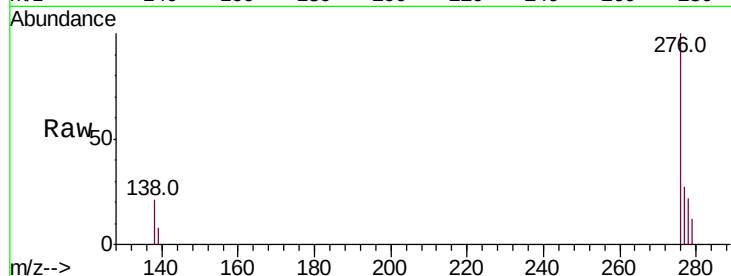
#38
Dibenzo(a,h)anthracene
Concen: 0.021 ng
RT: 25.82 min Scan# 3296
Delta R.T. -0.01 min
Lab File: BN004865.D
Acq: 22 Mar 2019 00:06

Instrument :
BNA_N
ClientSampleId :
PST-028-SW066-030619

Tot Ion	Ratio	Lower	Upper
278	100		
139	35.3	11.7	17.5#
279	54.0	19.9	29.9#

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#39
Benzo(g,h,i)perylene
Concen: 0.086 ng
RT: 26.52 min Scan# 3500
Delta R.T. -0.00 min
Lab File: BN004865.D
Acq: 22 Mar 2019 00:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.8	19.7	29.5
138	21.5	14.6	22.0

