

Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
 Data File : BN006628.D
 Acq On : 28 Jun 2019 23:54
 Operator : HP/JU
 Sample : K3445-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-001-SW100-061719

Manual Integrations
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 7/1/2019 3:08:47 PM

Quant Time: Jun 29 01:43:08 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Jun 28 13:47:56 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3989	0.40	ng	0.00
7) Naphthalene-d8	10.40	136	16434	0.40	ng	0.00
13) Acenaphthene-d10	14.27	164	10647	0.40	ng	-0.01
19) Phenanthrene-d10	17.04	188	25570	0.40	ng	0.00
27) Chrysene-d12	21.25	240	26095	0.40	ng	-0.02
34) Perylene-d12	23.48	264	26359	0.40	ng	-0.04

System Monitoring Compounds

4) 2-Fluorophenol	5.25	112	2940	0.30	ng	0.00
5) Phenol-d6	6.82	99	4428	0.34	ng	0.00
8) Nitrobenzene-d5	8.81	82	3175	0.29	ng	0.01
11) 2-Methylnaphthalene-d10	12.00	152	9444	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.79	330	1333	0.27	ng	0.00
15) 2-Fluorobiphenyl	12.89	172	12294	0.31	ng	0.00
25) Fluoranthene-d10	19.08	212	29346	0.39	ng	0.00
29) Terphenyl-d14	19.68	244	21921	0.40	ng	0.00

Target Compounds

					Qvalue	
23) Phenanthrene	17.08	178	3404	0.047 ng	#	96
26) Fluoranthene	19.11	202	8163	0.092 ng	#	93
28) Pyrene	19.47	202	8516	0.093 ng		98
30) Benzo(a)anthracene	21.24	228	3636	0.043 ng	#	91
31) Chrysene	21.29	228	4699	0.051 ng	#	93
32) Bis(2-ethylhexyl)phthalate	21.15	149	6703	0.156 ng		98
33) Indeno(1,2,3-cd)pyrene	25.72	276	2184	0.023 ng		98
35) Benzo(b)fluoranthene	22.82	252	5775	0.064 ng	#	65
36) Benzo(k)fluoranthene	22.86	252	2310m	0.024 ng		
37) Benzo(a)pyrene	23.39	252	3269	0.039 ng	#	51
39) Benzo(g,h,i)perylene	26.41	276	2277	0.031 ng	#	75

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

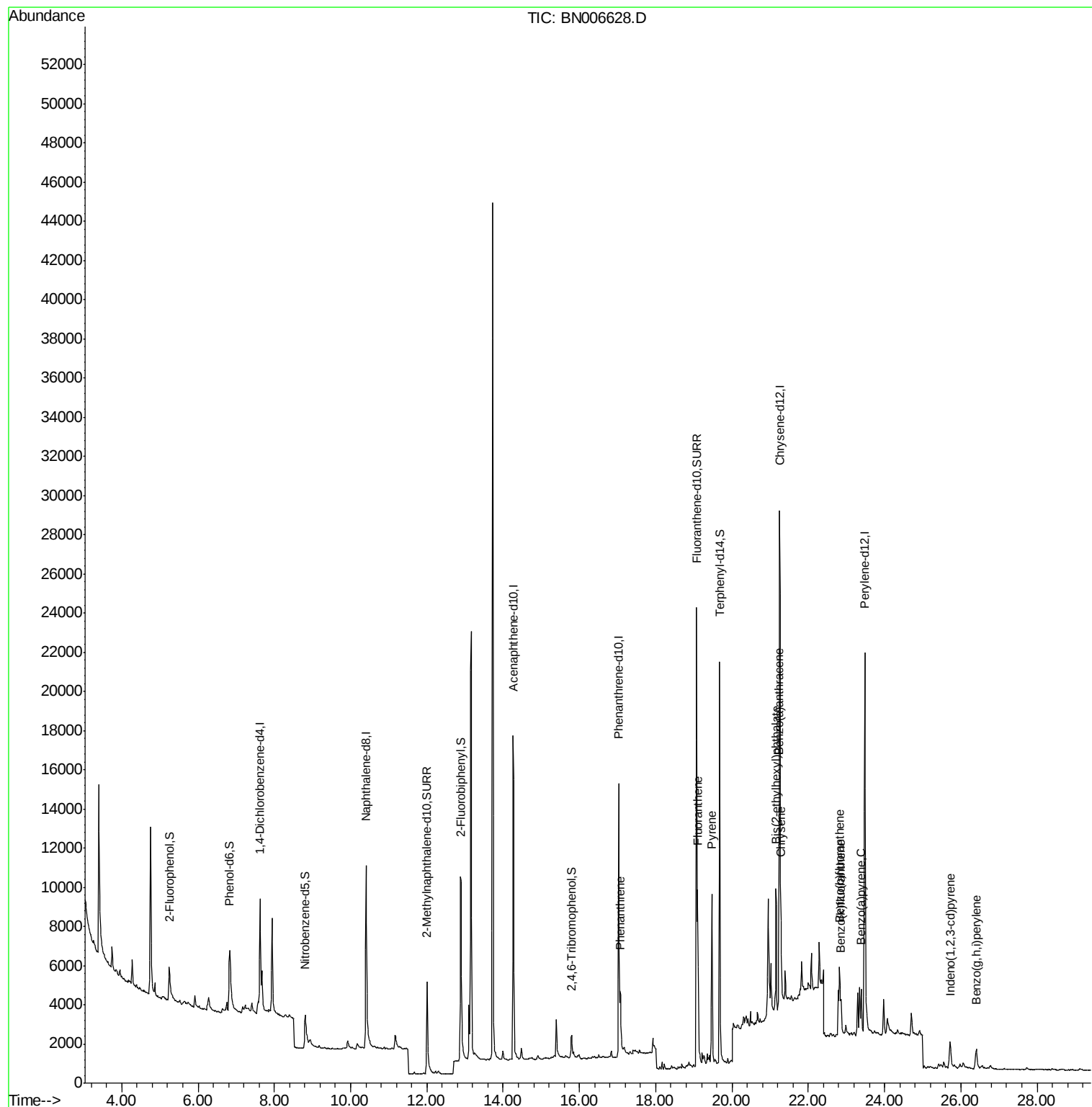
Data Path : \\74.0.250.170\TERASTORAGE\SVOASRV\HPCHEM1\BNA_N\DATA\BN062819\
Data File : BN006628.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

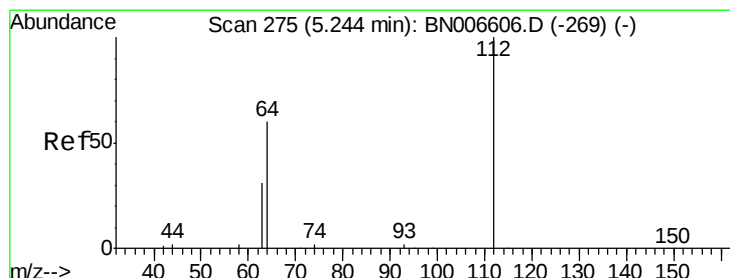
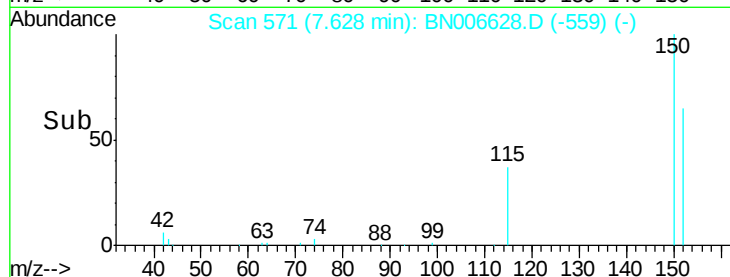
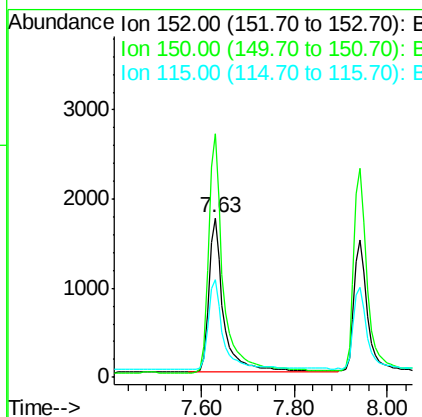
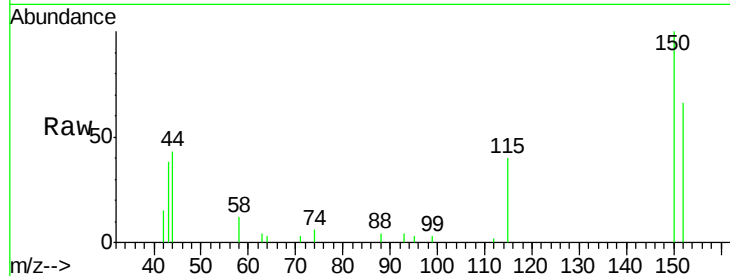
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.5	122.2	183.2
115	61.0	50.0	75.0

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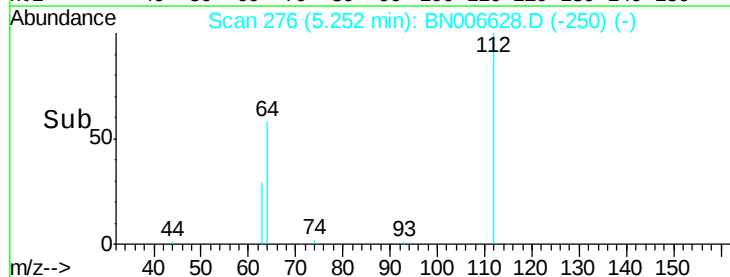
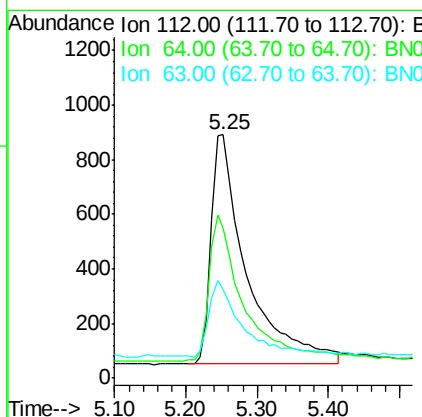
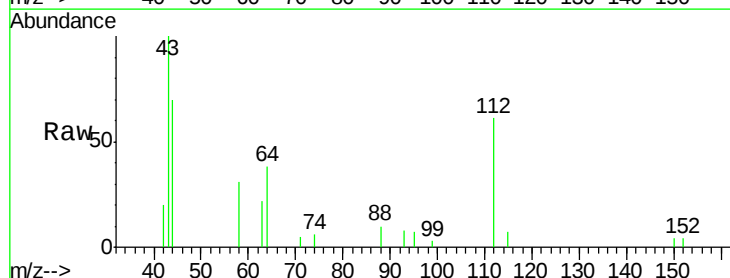
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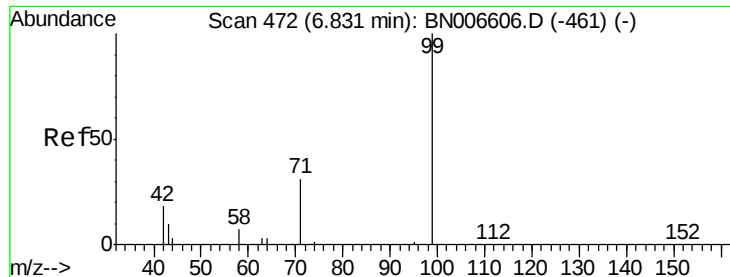


#4

2-Fluorophenol
Concen: 0.300 ng
RT: 5.25 min Scan# 276
Delta R.T. 0.01 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	48.9	73.3
63	31.6	24.3	36.5





#5

Phenol-d6

Concen: 0.342 ng

RT: 6.82 min Scan# 471

Delta R.T. -0.01 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

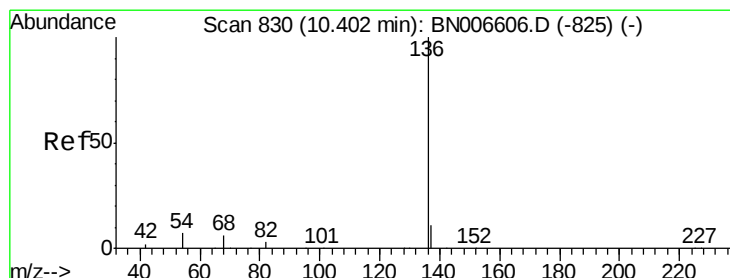
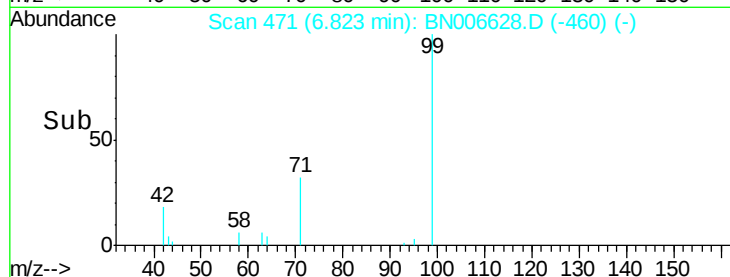
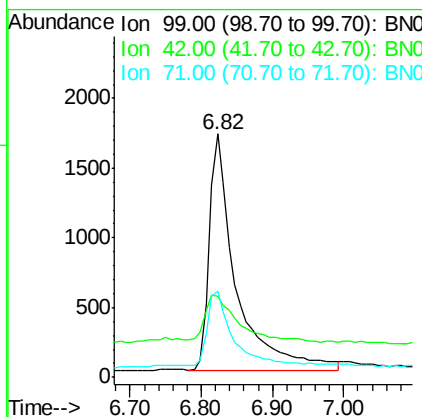
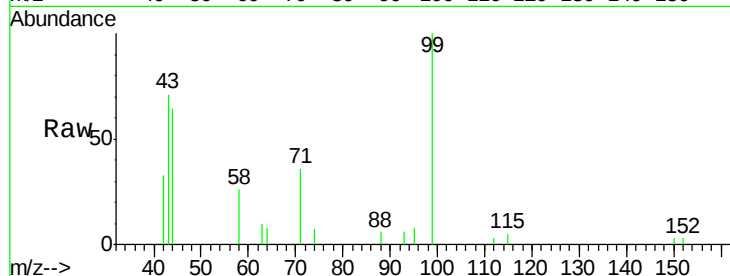
ClientSampleId :

PST-001-SW100-061719

Tgt Ion:	99	Resp:	4428
Ion Ratio	Lower	Upper	
99	100		
42	24.7	16.4	24.6#
71	30.4	26.6	40.0

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#7

Naphthalene-d8

Concen: 0.400 ng

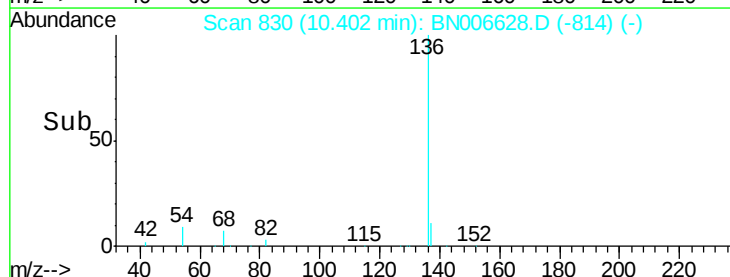
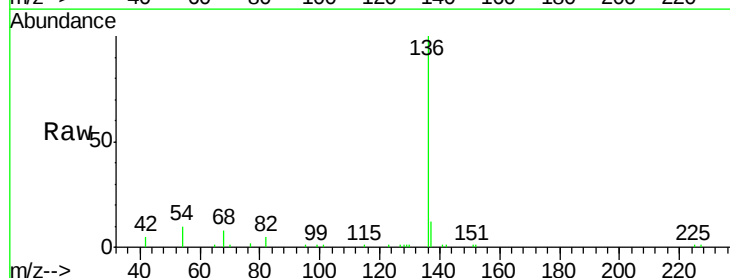
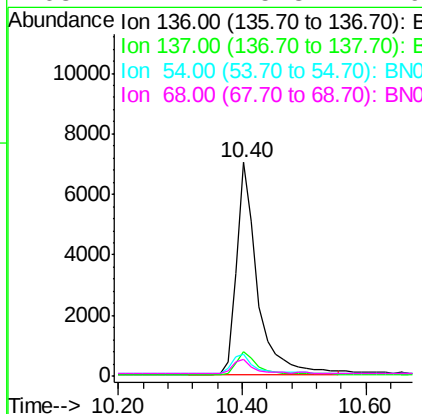
RT: 10.40 min Scan# 830

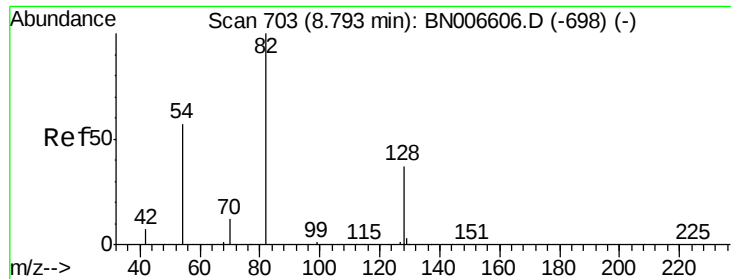
Delta R.T. -0.00 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Tgt Ion:	136	Resp:	16434
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.3	13.9
54	9.9	6.7	10.1
68	7.7	5.3	7.9





#8

Nitrobenzene-d5

Concen: 0.287 ng

RT: 8.81 min Scan# 704

Delta R.T. 0.01 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

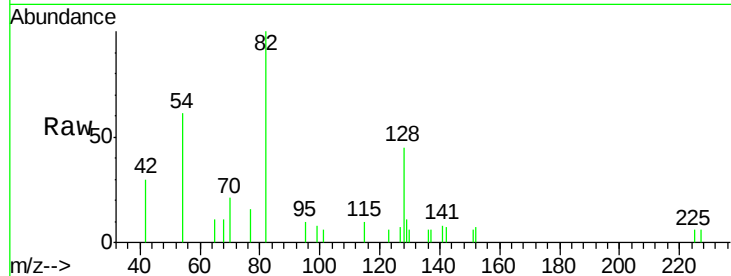
ClientSampleId :

PST-001-SW100-061719

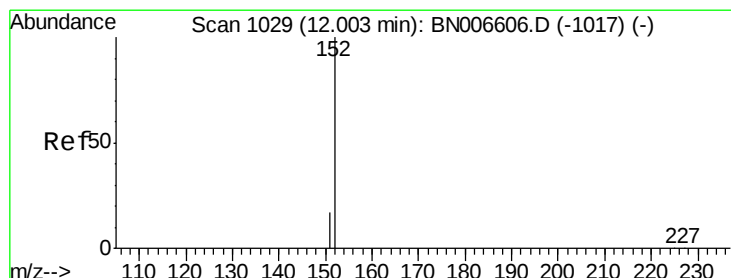
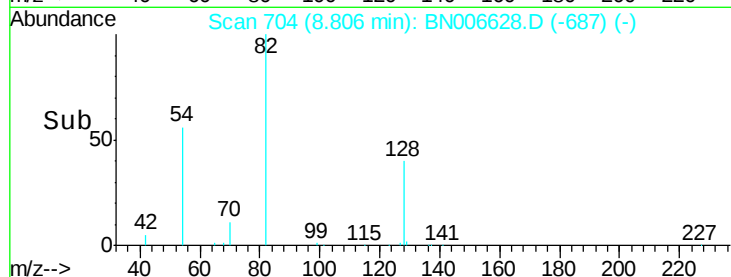
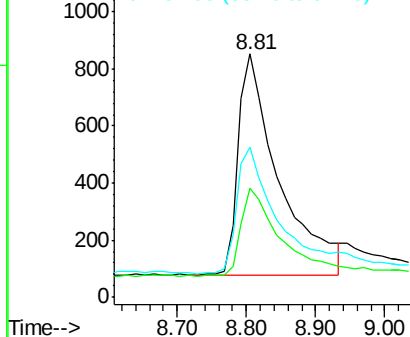
Tgt Ion:	82	Resp:	3175
Ion Ratio	Lower	Upper	
82	100		
128	44.9	32.6	49.0
54	61.4	48.2	72.4

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Abundance Ion 82.00 (81.70 to 82.70): BNC
Ion 128.00 (127.70 to 128.70): BNC
Ion 54.00 (53.70 to 54.70): BNC



#11

2-Methylnaphthalene-d10

Concen: 0.365 ng

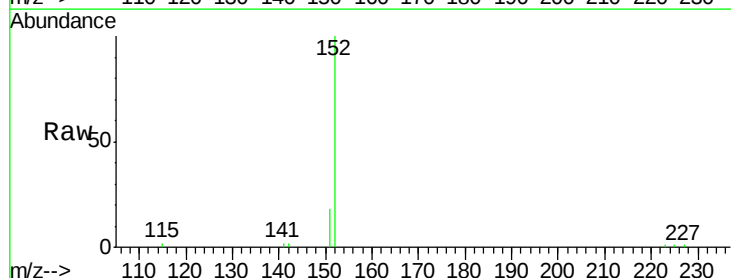
RT: 12.00 min Scan# 1029

Delta R.T. -0.00 min

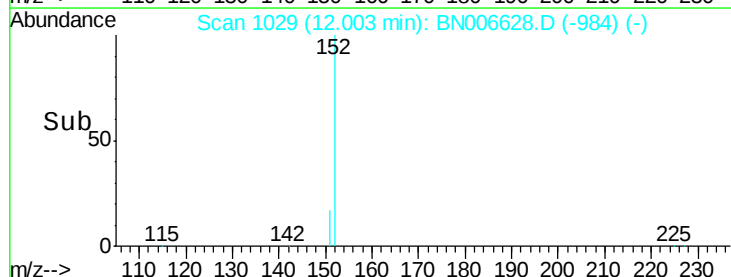
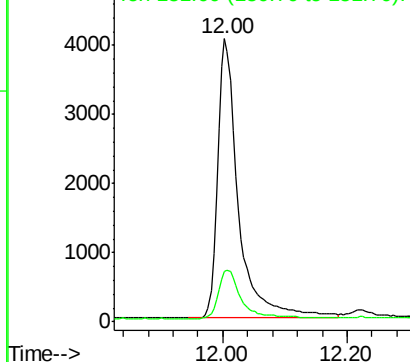
Lab File: BN006628.D

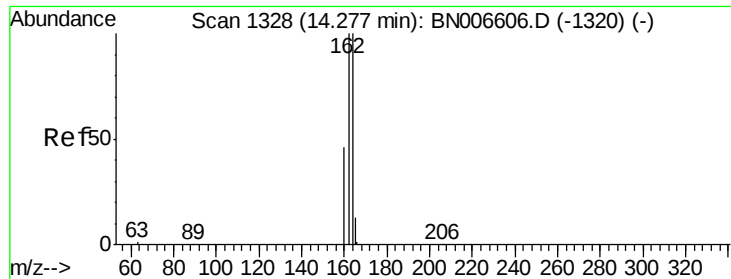
Acq: 28 Jun 2019 23:54

Tgt Ion:	152	Resp:	9444
Ion Ratio	Lower	Upper	
152	100		
151	18.7	15.0	22.4



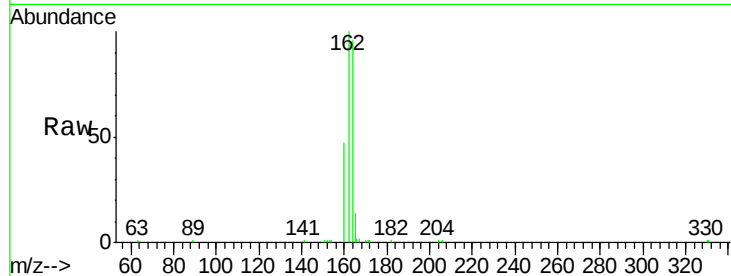
Abundance Ion 152.00 (151.70 to 152.70): BNC
Ion 151.00 (150.70 to 151.70): BNC





#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

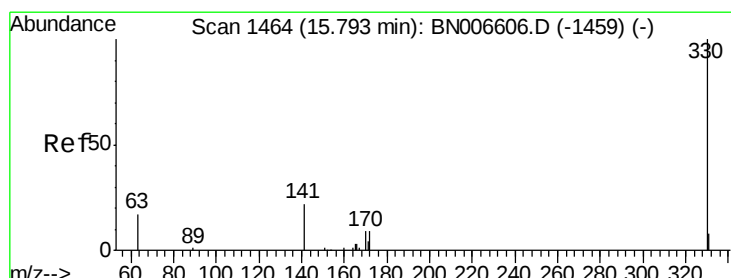
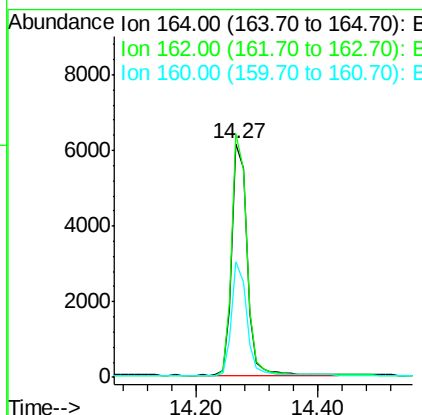
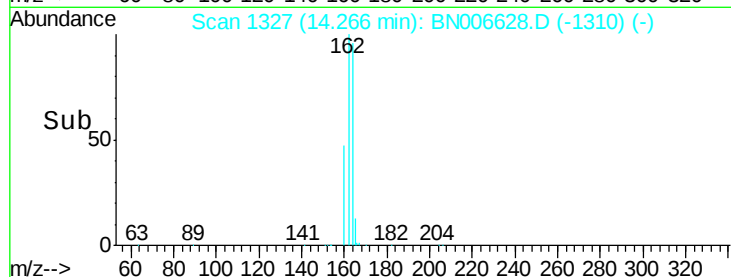
Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719



Tgt Ion:164 Resp: 10647
Ion Ratio Lower Upper
164 100
162 104.1 80.0 120.0
160 49.3 37.0 55.4

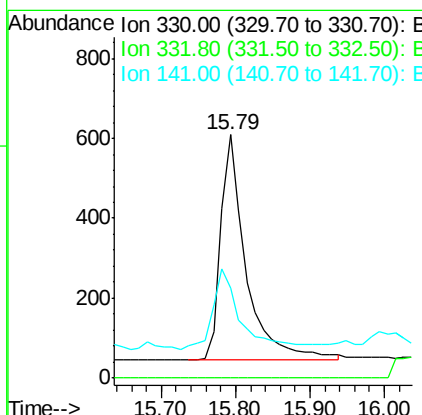
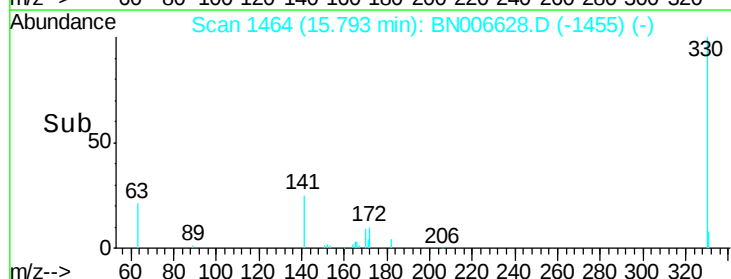
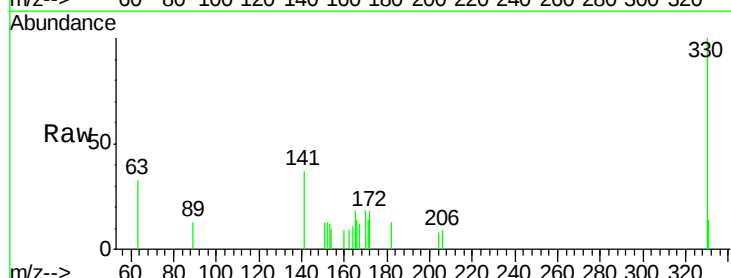
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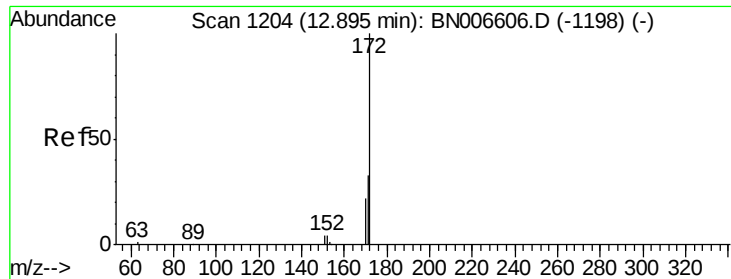
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#14
2,4,6-Tribromophenol
Concen: 0.266 ng
RT: 15.79 min Scan# 1464
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion:330 Resp: 1333
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 40.0 26.5 39.7#





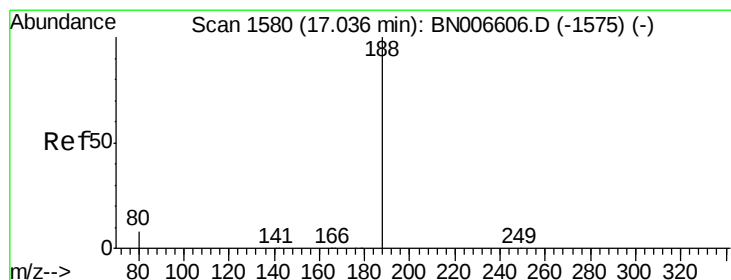
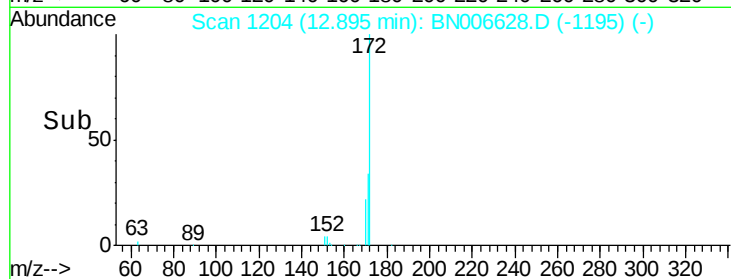
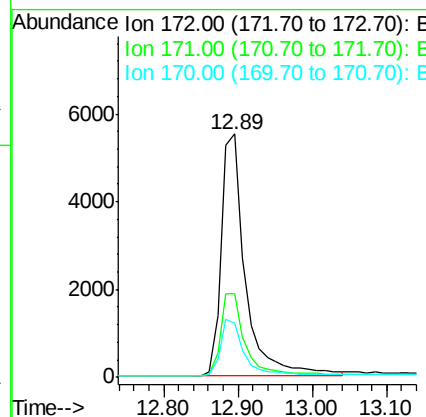
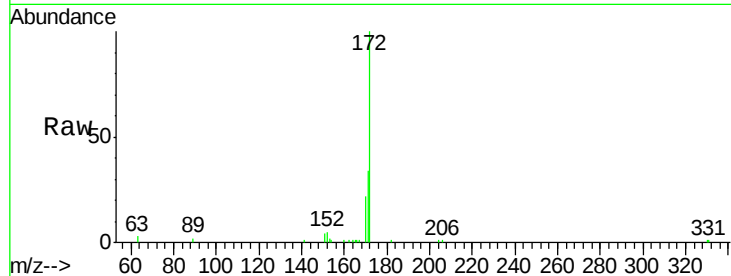
#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.89 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.0	40.4
170	22.4	17.7	26.5

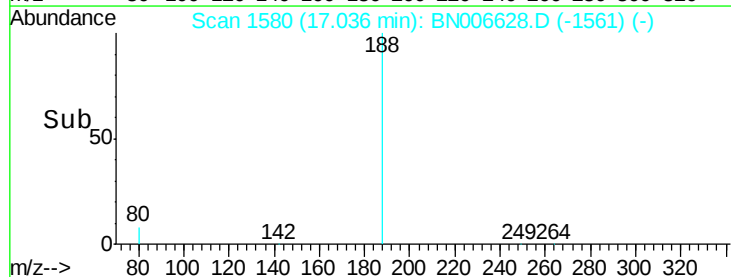
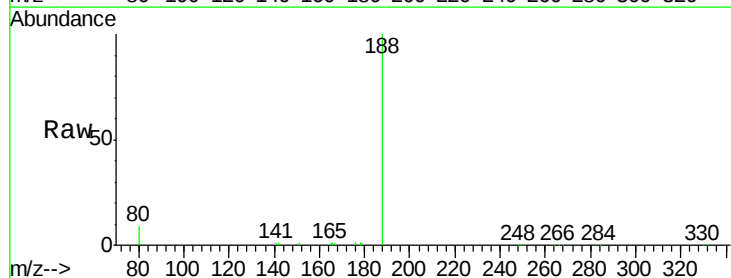
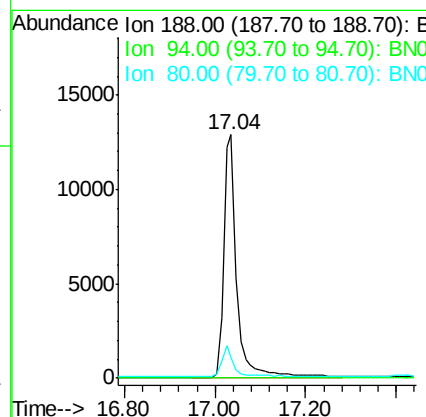
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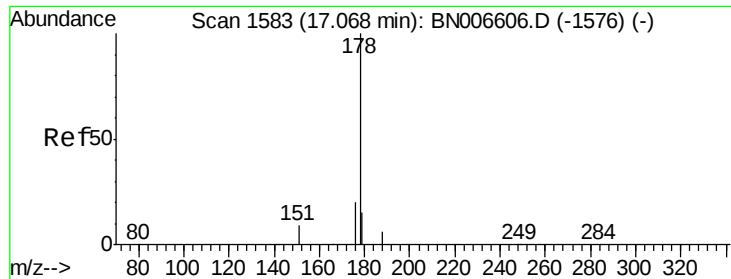
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.04 min Scan# 1580
Delta R.T. -0.00 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	7.1	10.7





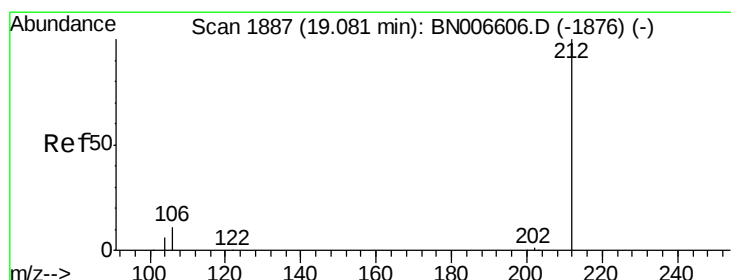
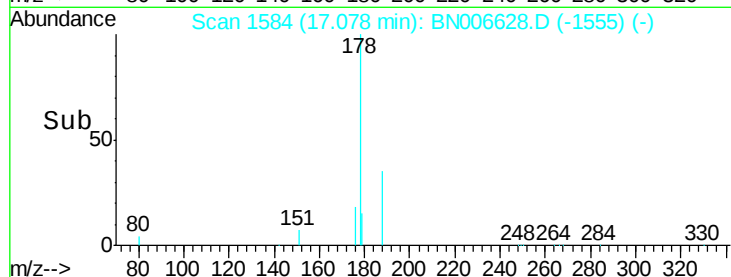
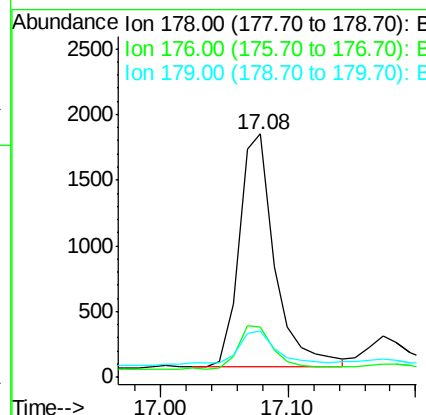
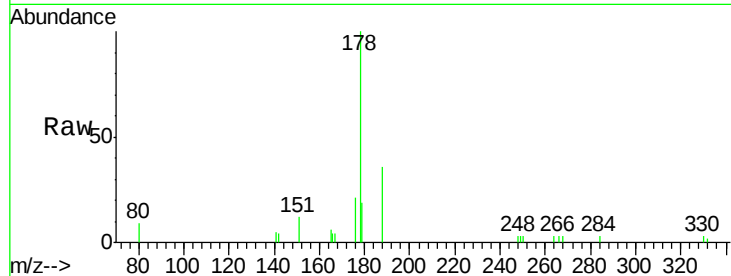
#23
Phenanthrene
Concen: 0.047 ng
RT: 17.08 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
PST-001-SW100-061719

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	18.8	12.2	18.4

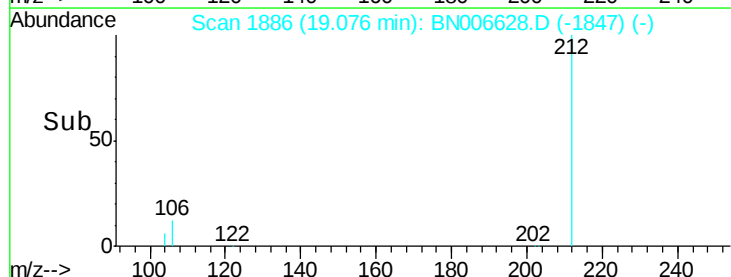
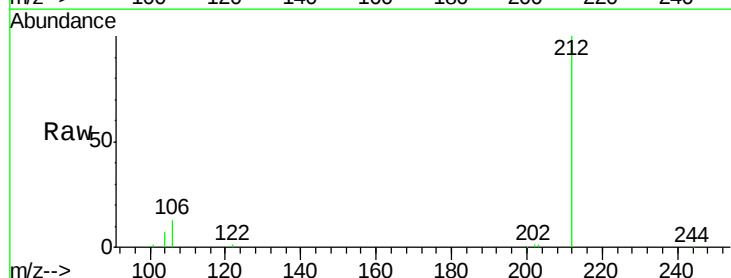
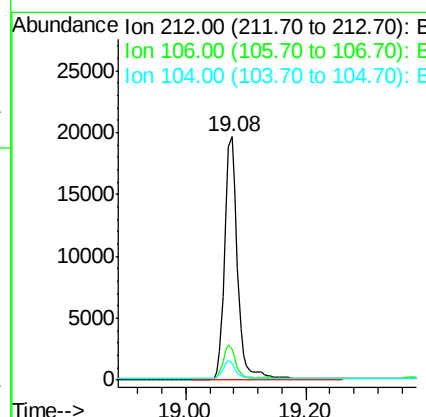
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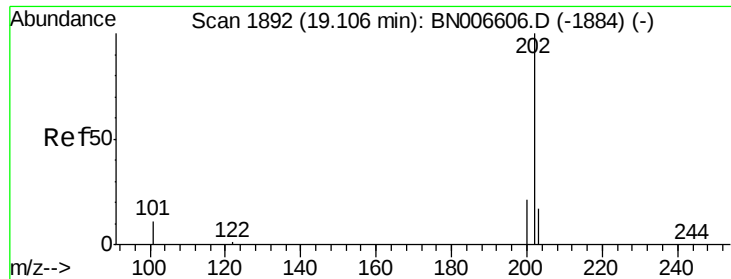
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#25
Fluoranthene-d10
Concen: 0.391 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.6	15.8
104	7.5	5.8	8.6





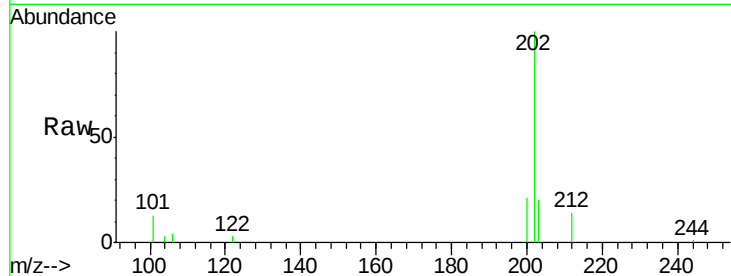
#26
 Fluoranthene
 Concen: 0.092 ng
 RT: 19.11 min Scan# 1892
 Delta R.T. -0.00 min
 Lab File: BN006628.D
 Acq: 28 Jun 2019 23:54

Instrument :
 BNA_N
 ClientSampleId :
 PST-001-SW100-061719

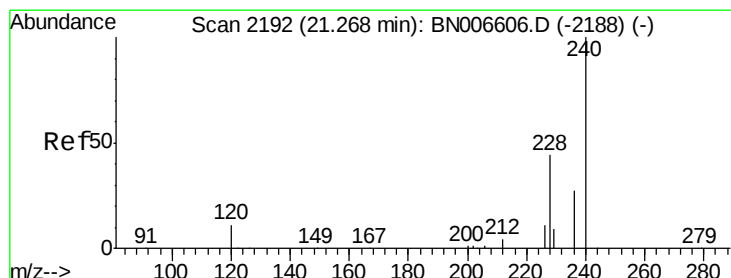
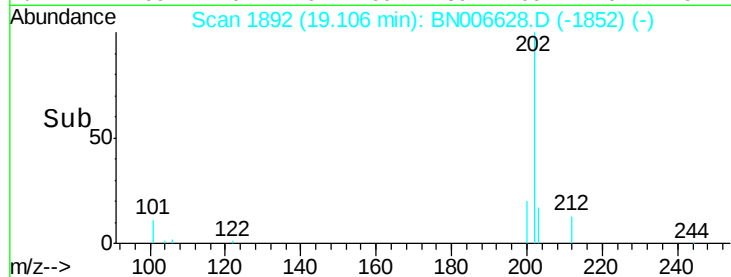
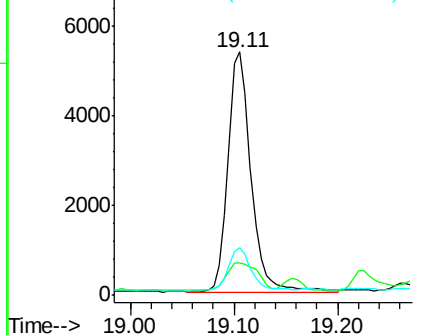
Tgt Ion	Ratio	Resp	Lower	Upper
202	100	8163		
101	17.1	8.9	13.3#	
203	17.5	13.6	20.4	

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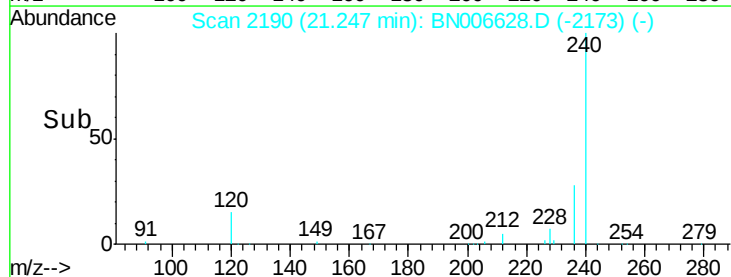
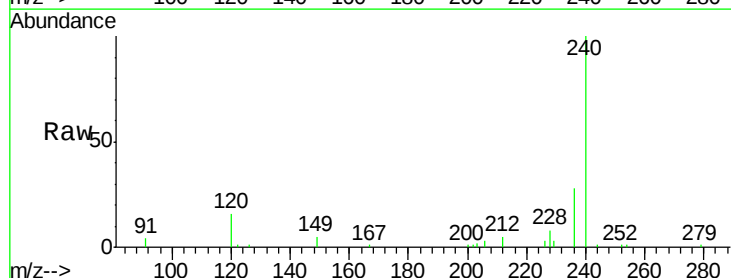
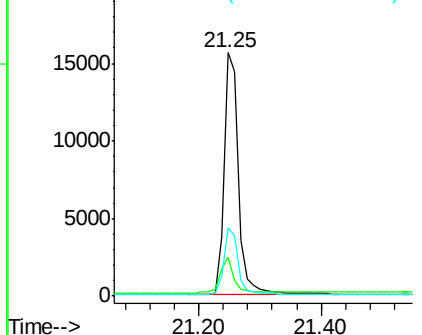
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

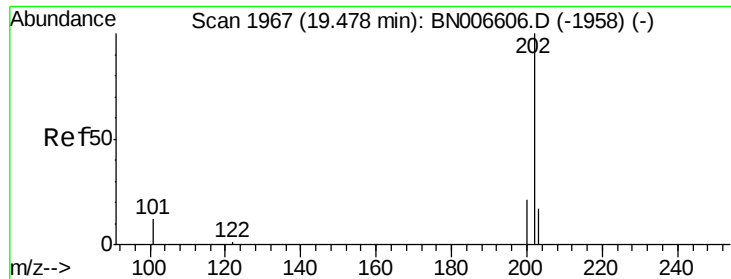


#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.25 min Scan# 2190
 Delta R.T. -0.02 min
 Lab File: BN006628.D
 Acq: 28 Jun 2019 23:54

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	26095		
120	16.1	9.9	14.9#	
236	28.2	22.2	33.4	

Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





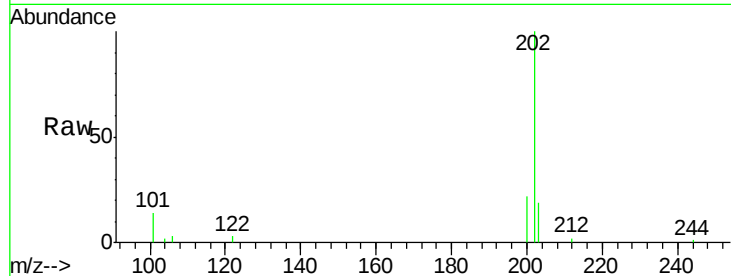
#28
 Pyrene
 Concen: 0.093 ng
 RT: 19.47 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BN006628.D
 Acq: 28 Jun 2019 23:54

Instrument :
 BNA_N
 ClientSampleId :
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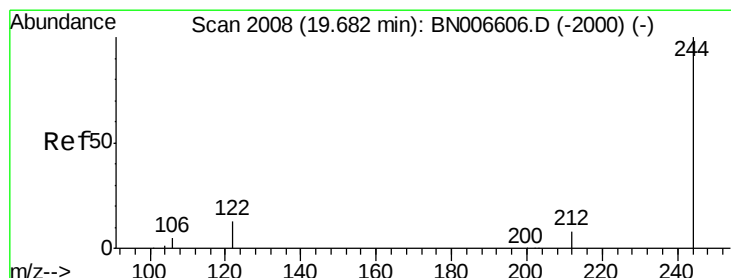
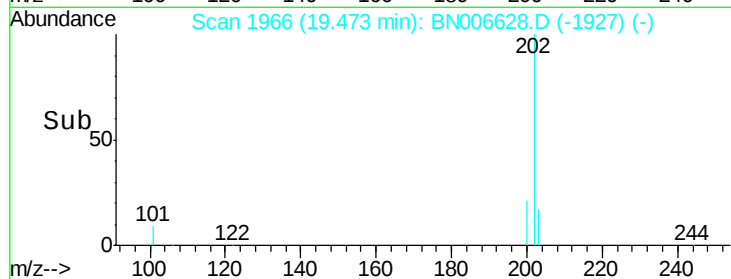
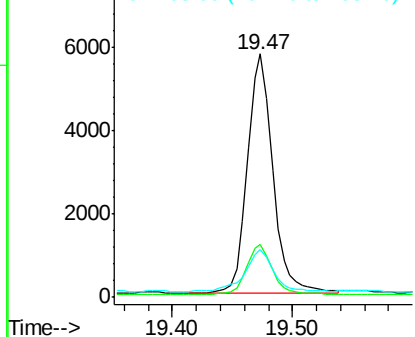
Tgt Ion:	202	Resp:	8516
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.7	25.1
203	19.7	14.1	21.1

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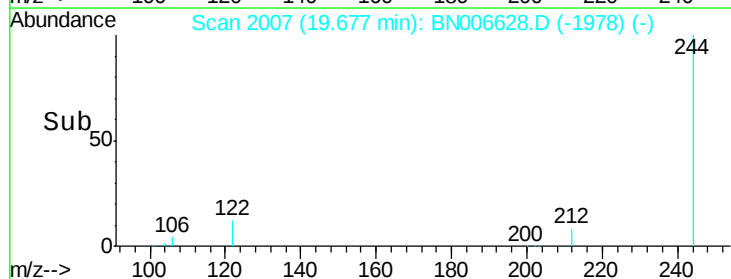
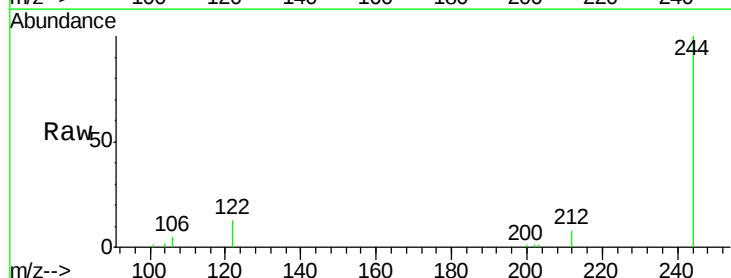
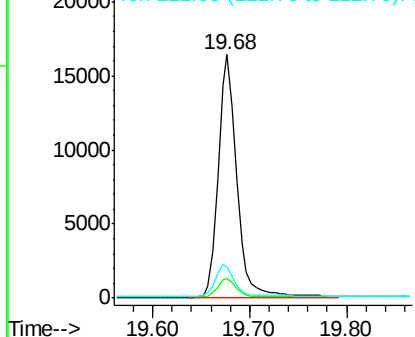
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

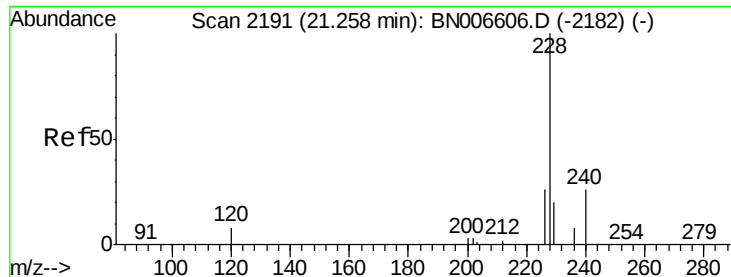


#29
 Terphenyl-d14
 Concen: 0.401 ng
 RT: 19.68 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BN006628.D
 Acq: 28 Jun 2019 23:54

Tgt Ion:	244	Resp:	21921
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.7	10.1
122	12.7	11.0	16.6

Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#30

Benzo(a)anthracene

Concen: 0.043 ng

RT: 21.24 min Scan# 2189

Delta R.T. -0.02 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

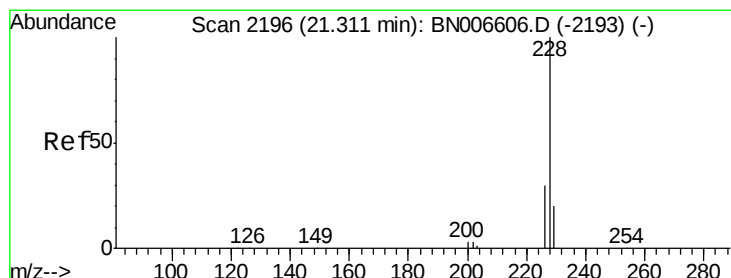
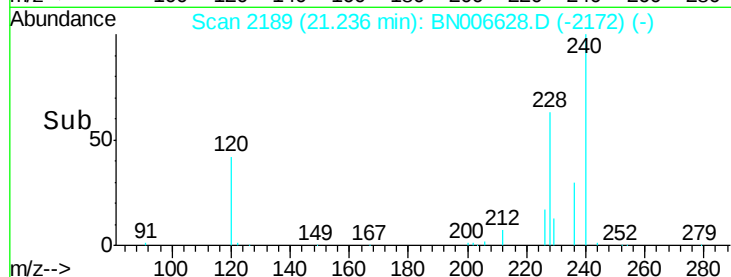
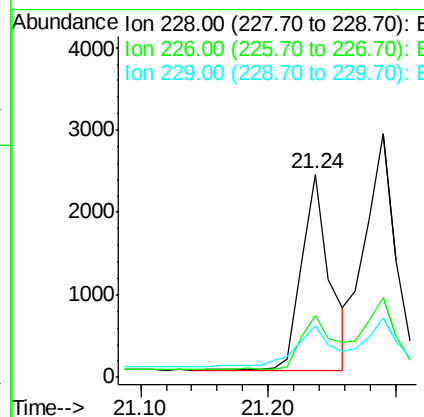
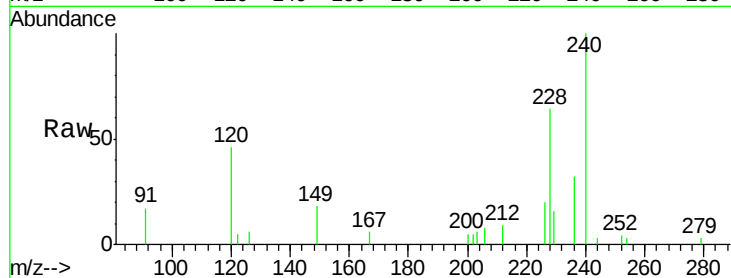
ClientSampleId :

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Tgt Ion:	228	Resp:	3636
Ion Ratio	Lower	Upper	
228	100		
226	30.5	21.2	31.8
229	25.5	16.1	24.1#

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#31

Chrysene

Concen: 0.051 ng

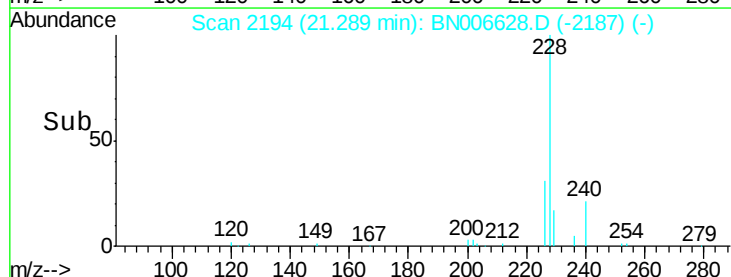
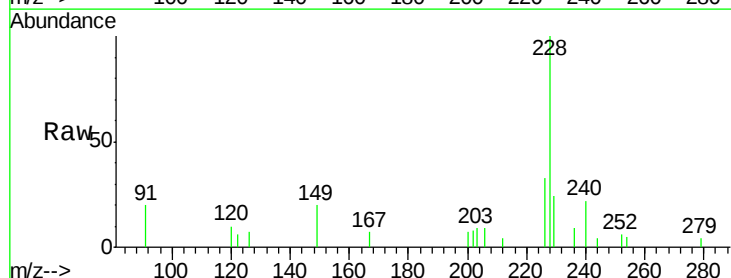
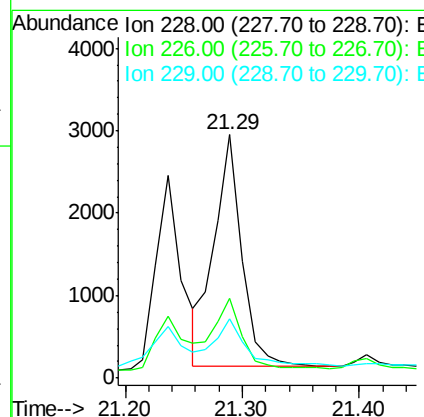
RT: 21.29 min Scan# 2194

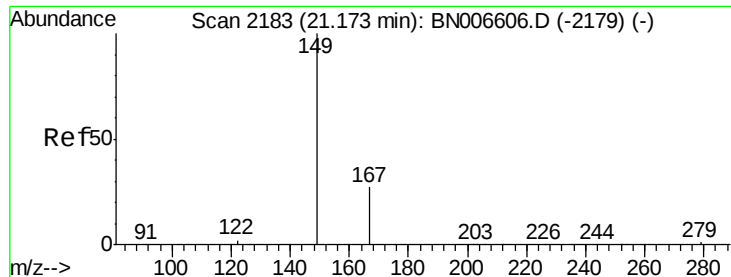
Delta R.T. -0.02 min

Lab File: BN006628.D

Acq: 28 Jun 2019 23:54

Tgt Ion:	228	Resp:	4699
Ion Ratio	Lower	Upper	
228	100		
226	32.8	23.8	35.6
229	24.2	15.9	23.9#





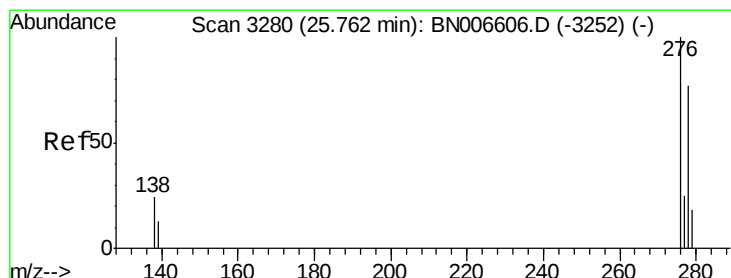
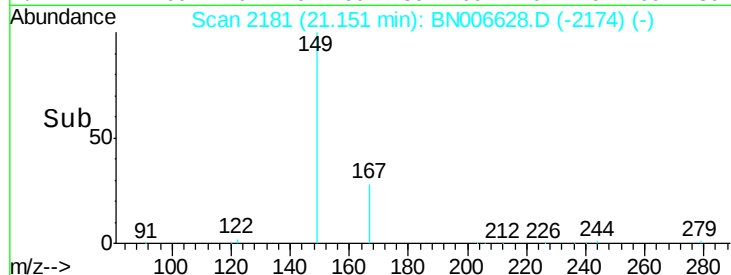
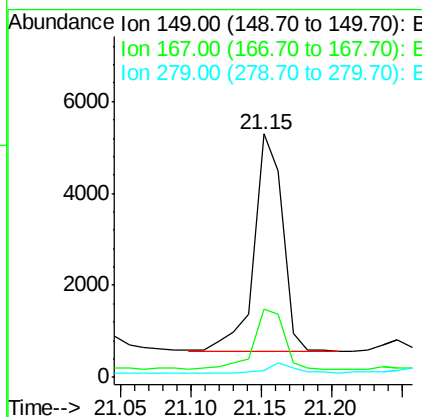
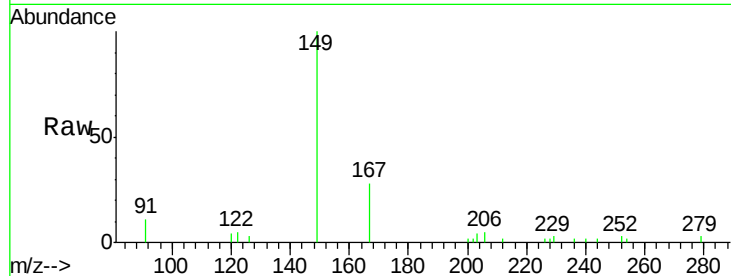
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.156 ng
 RT: 21.15 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BN006628.D
 Acq: 28 Jun 2019 23:54

Instrument :
 BNA_N
 ClientSampleId :
 PST-001-SW100-061719

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.6	22.9	34.3
279	4.2	3.3	4.9

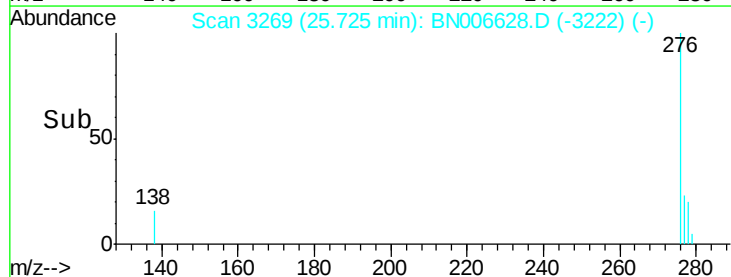
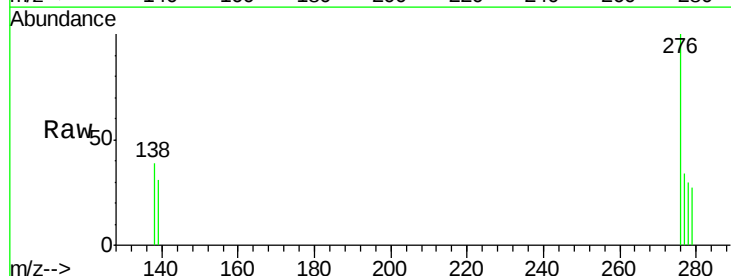
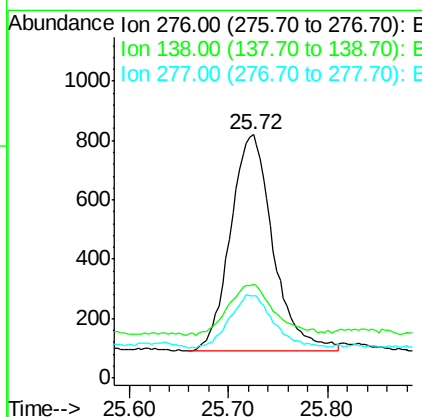
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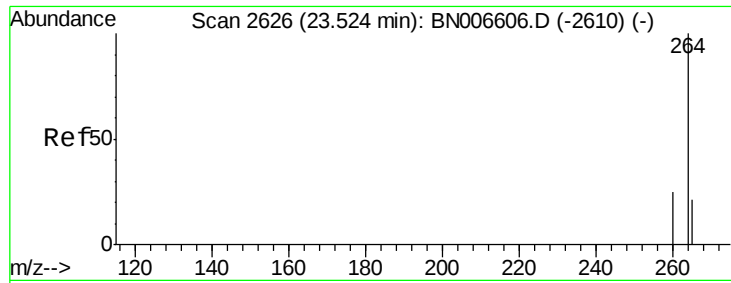
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#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.023 ng
 RT: 25.72 min Scan# 3269
 Delta R.T. -0.04 min
 Lab File: BN006628.D
 Acq: 28 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.9	19.3	28.9
277	25.5	19.9	29.9





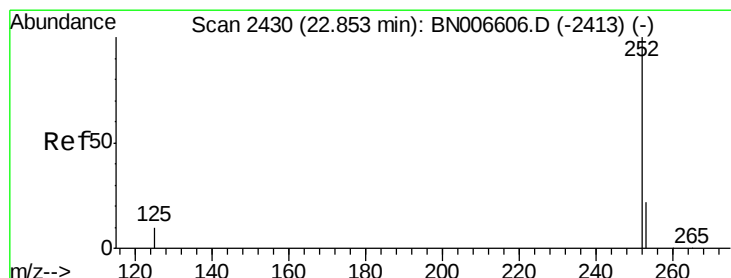
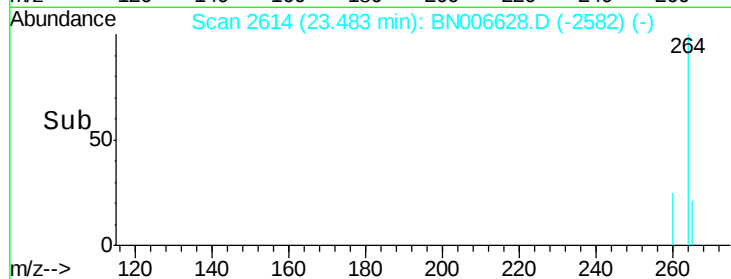
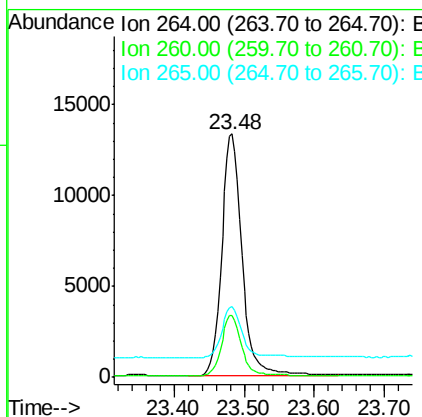
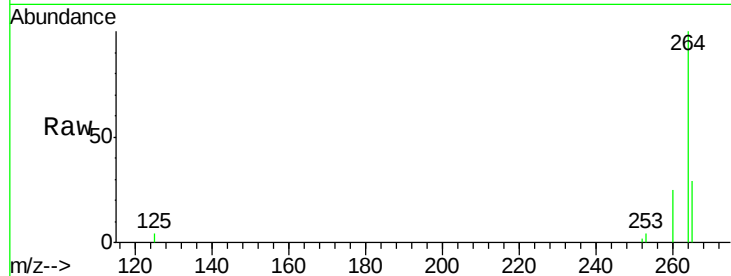
#34
Perylene-d12
 Concen: 0.400 ng
 RT: 23.48 min Scan# 2614
 Delta R.T. -0.04 min
 Lab File: BN006628.D
 Acq: 28 Jun 2019 23:54

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.2	30.2
265	29.3	23.3	34.9

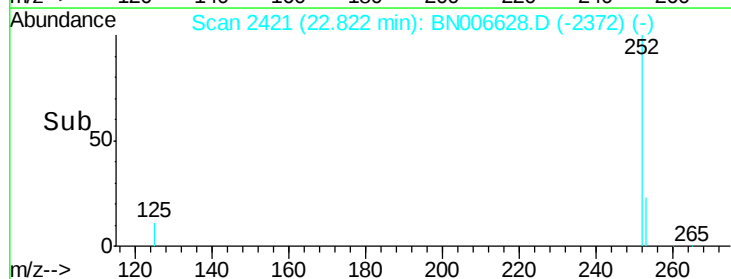
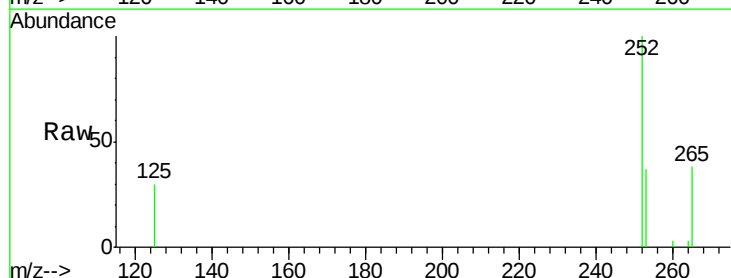
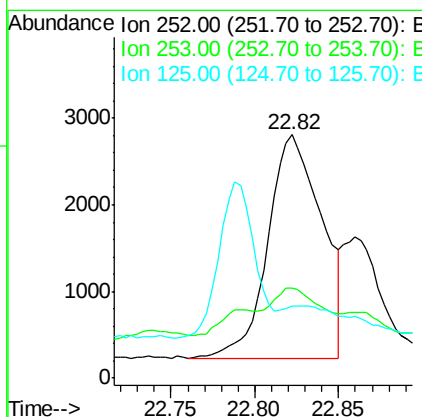
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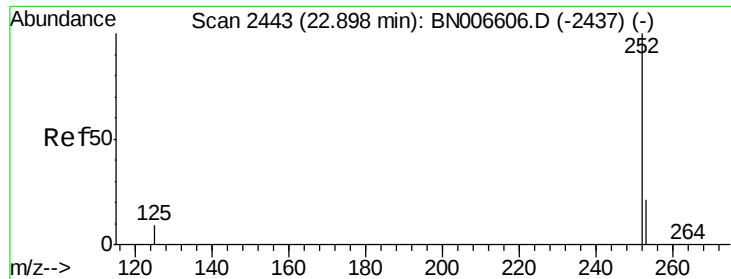
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#35
Benzo(b)fluoranthene
 Concen: 0.064 ng
 RT: 22.82 min Scan# 2421
 Delta R.T. -0.03 min
 Lab File: BN006628.D
 Acq: 28 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	36.9	18.4	27.6#
125	29.5	8.7	13.1#





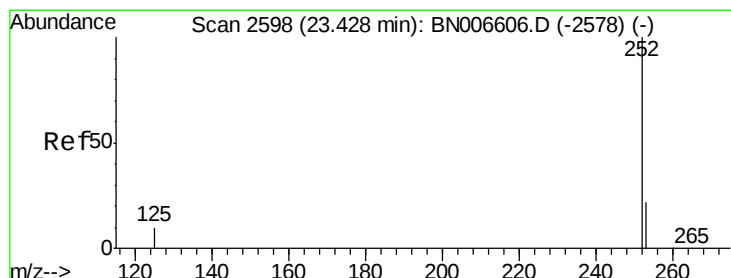
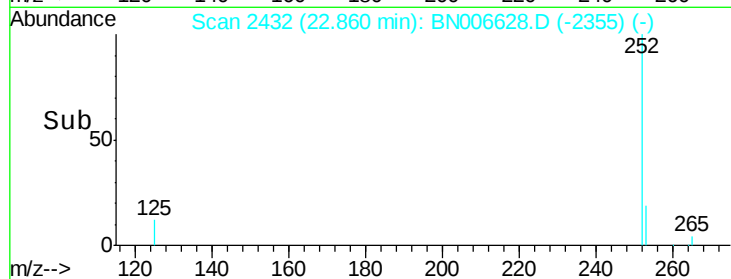
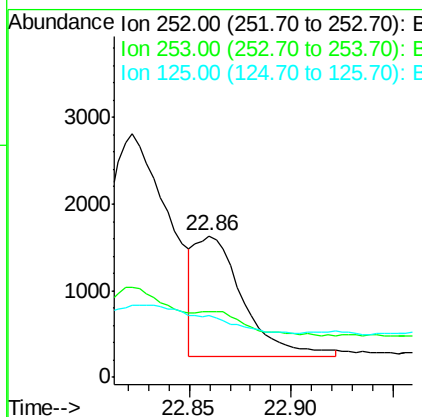
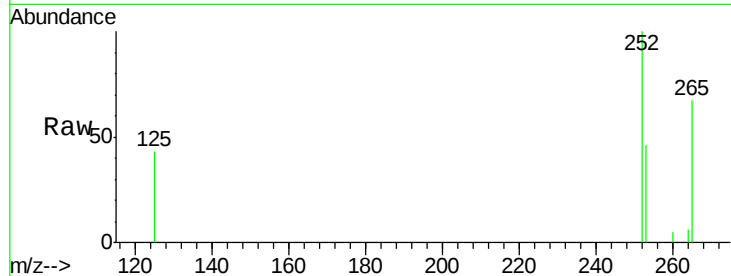
#36
Benzo(k)fluoranthene
Concen: 0.024 ng m
RT: 22.86 min Scan# 2432
Delta R.T. -0.04 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
252	100		
253	46.2	18.3	27.5#
125	43.4	8.4	12.6#

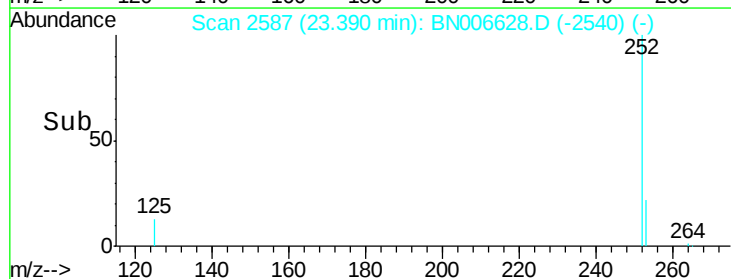
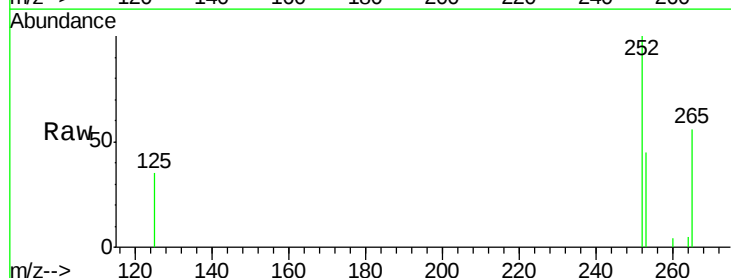
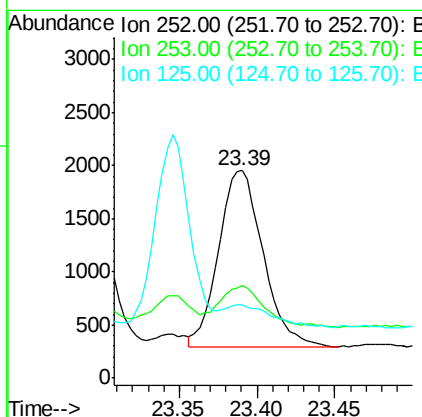
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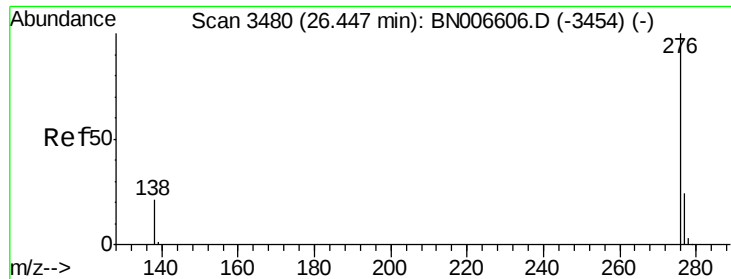
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#37
Benzo(a)pyrene
Concen: 0.039 ng
RT: 23.39 min Scan# 2587
Delta R.T. -0.04 min
Lab File: BN006628.D
Acq: 28 Jun 2019 23:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	44.8	18.8	28.2#
125	35.1	9.4	14.2#





#39

Benzo(g,h,i)perylene

Concen: 0.031 ng

RT: 26.41 min Scan# 3468

Delta R.T. -0.04 min

Lab File: BN006628.D

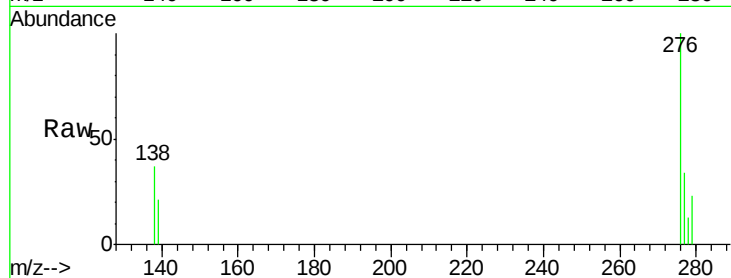
Acq: 28 Jun 2019 23:54

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion: 276 Resp: 2277

Ion Ratio Lower Upper

276 100

277 34.0 19.6 29.4#

138 37.2 17.7 26.5#

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