

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004868.D
 Acq On : 22 Mar 2019 01:52
 Operator : JU/SJ
 Sample : K1817-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-028-B011-030619

Manual Integrations
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 3/22/2019 7:16:34 PM

Quant Time: Mar 22 04:53:55 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	1903	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	8690	0.40	ng	0.00
13) Acenaphthene-d10	14.34	164	5666	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	14797	0.40	ng	0.00
27) Chrysene-d12	21.29	240	19563	0.40	ng	0.00
34) Perylene-d12	23.54	264	21504	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	1898	0.37	ng	0.00
5) Phenol-d6	6.87	99	2576	0.40	ng	0.00
8) Nitrobenzene-d5	8.87	82	1802	0.31	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	5052	0.33	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1142	0.29	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	7845	0.34	ng	0.00
25) Fluoranthene-d10	19.13	212	16038	0.32	ng	0.00
29) Terphenyl-d14	19.72	244	12554	0.31	ng	0.00
Target Compounds						
23) Phenanthrene	17.13	178	2787	0.058	ng	99
26) Fluoranthene	19.16	202	7023	0.114	ng	# 97
28) Pyrene	19.52	202	6785	0.114	ng	97
30) Benzo(a)anthracene	21.27	228	3244	0.051	ng	# 91
31) Chrysene	21.32	228	5118	0.076	ng	94
32) Bis(2-ethylhexyl)phthalate	21.18	149	2276	0.089	ng	97
33) Indeno(1,2,3-cd)pyrene	25.82	276	3537	0.036	ng	98
35) Benzo(b)fluoranthene	22.86	252	6576	0.085	ng	# 74
36) Benzo(k)fluoranthene	22.90	252	2579m	0.034	ng	
37) Benzo(a)pyrene	23.44	252	4177	0.059	ng	# 70
39) Benzo(a,h,i)perylene	26.52	276	3591	0.043	ng	# 87

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

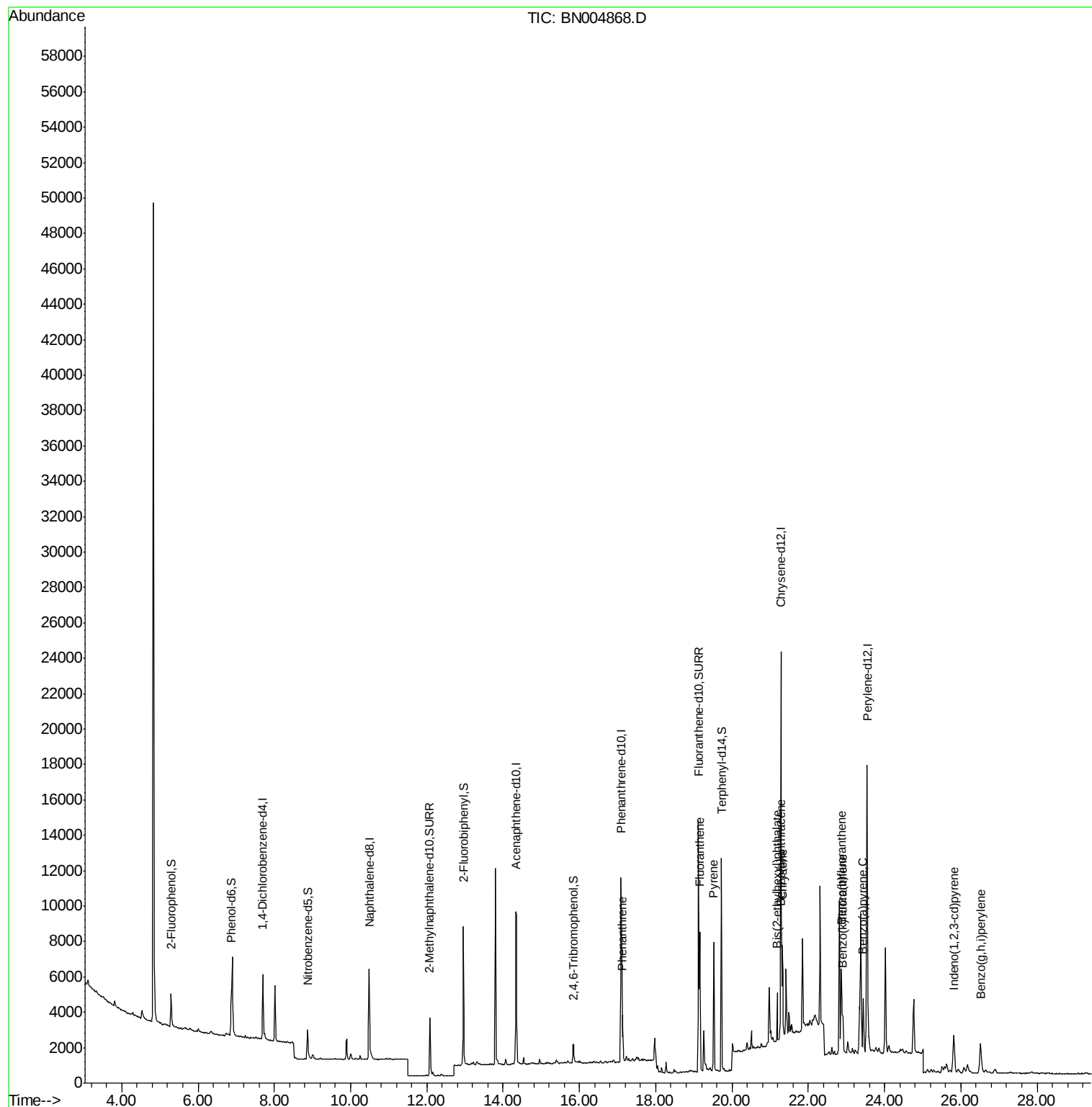
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
Data File : BN004868.D
Acq On : 22 Mar 2019 01:52
Operator : JU/SJ
Sample : K1817-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
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#1

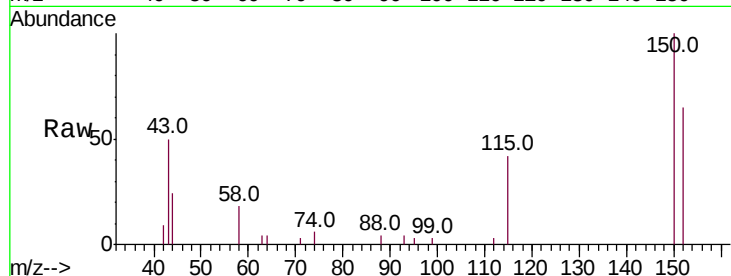
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.70 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BN004868.D
 Acq: 22 Mar 2019 01:52

Instrument :
 BNA_N
 ClientSampleId :
 PST-028-B011-030619

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	126.2	189.4
115	63.7	52.6	79.0

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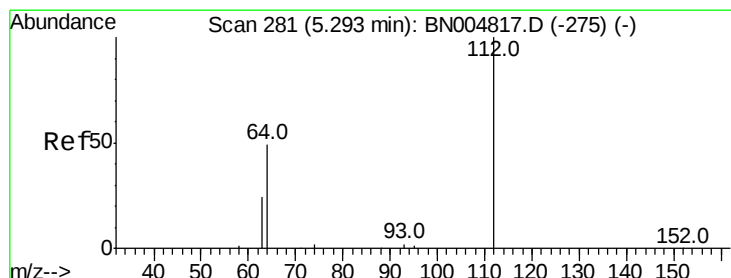
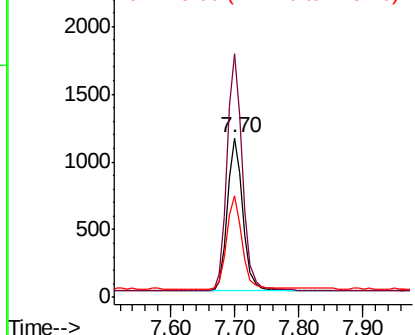
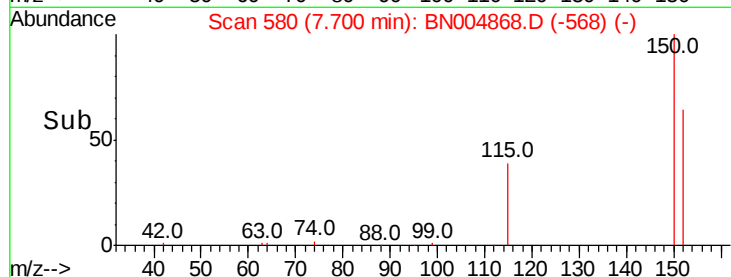


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

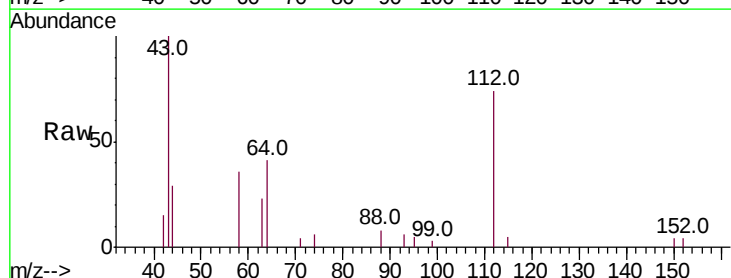
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
 Concen: 0.367 ng
 RT: 5.29 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: BN004868.D
 Acq: 22 Mar 2019 01:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.6	40.0	60.0
63	26.1	20.2	30.2

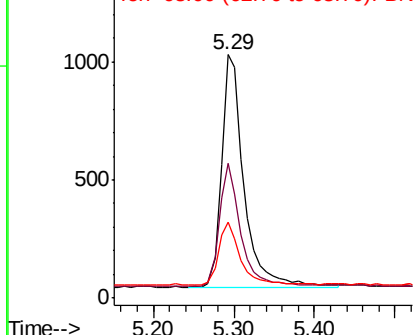
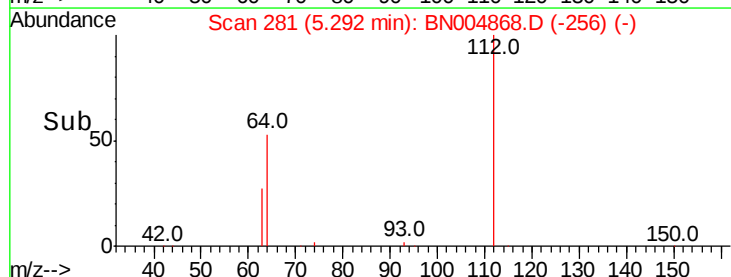


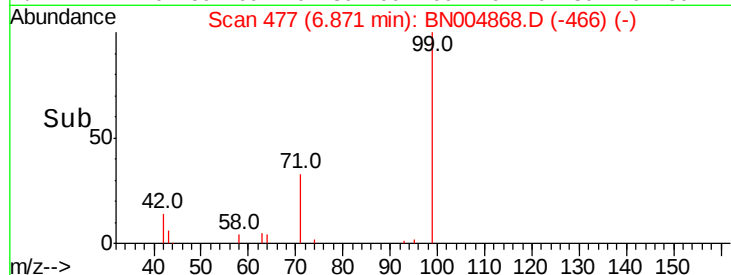
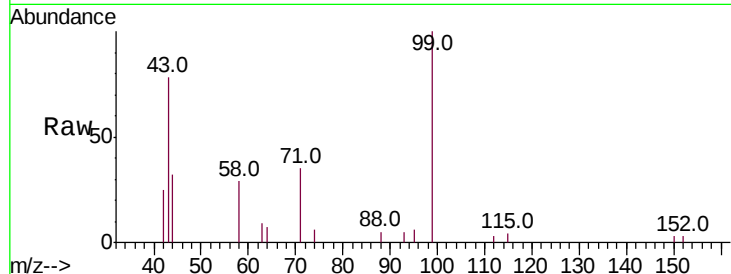
Abundance

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: 0.400 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004868.D

Acq: 22 Mar 2019 01:52

Tot Ion:	99	Resp:	2576
Ion Ratio	Lower	Upper	
99	100		
42	24.7	12.7	19.1#
71	32.5	26.6	40.0

Instrument :

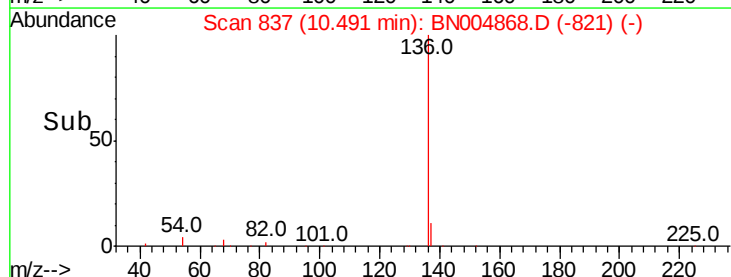
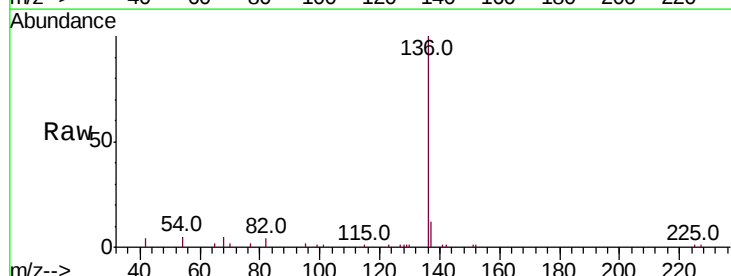
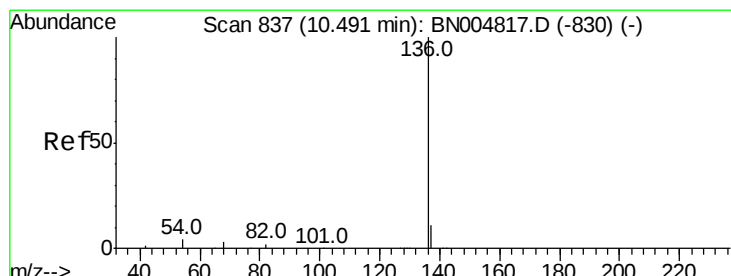
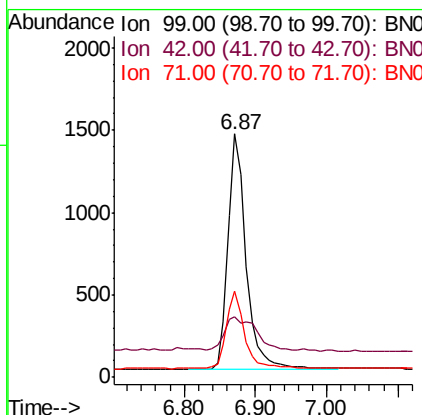
BNA_N

ClientSampleId :

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#7

Naphthalene-d8

Concen: 0.400 ng

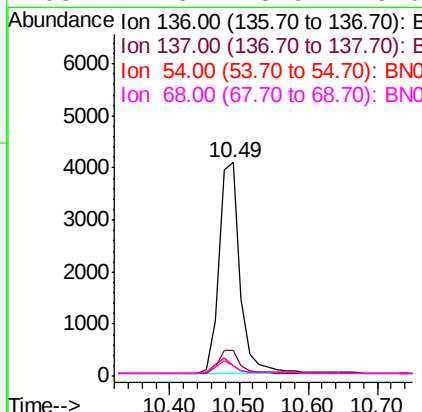
RT: 10.49 min Scan# 837

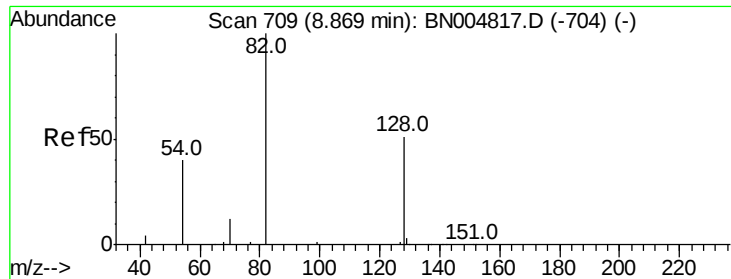
Delta R.T. -0.00 min

Lab File: BN004868.D

Acq: 22 Mar 2019 01:52

Tgt Ion:	136	Resp:	8690
Ion Ratio	Lower	Upper	
136	100		
137	12.0	9.6	14.4
54	5.0	4.2	6.2
68	4.6	3.9	5.9





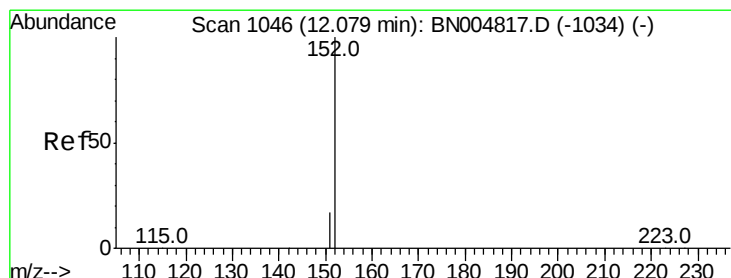
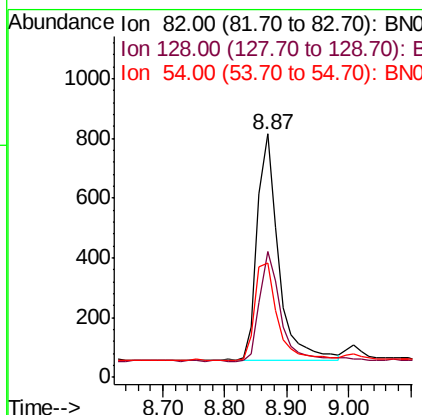
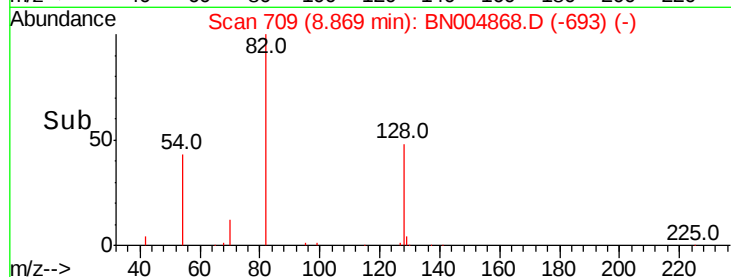
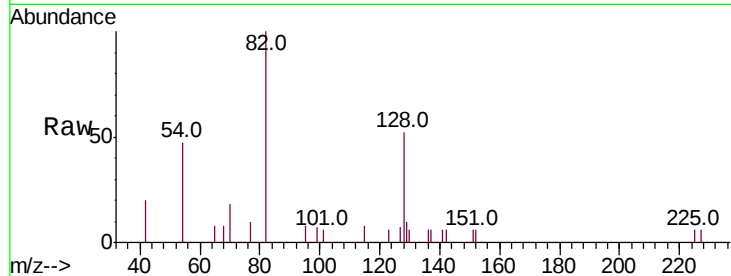
#8
 Nitrobenzene-d5
 Concen: 0.313 ng
 RT: 8.87 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BN004868.D
 Acq: 22 Mar 2019 01:52

Instrument :
 BNA_N
 ClientSampleId :
 PST-028-B011-030619

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.9	43.0	64.6
54	47.0	35.3	52.9

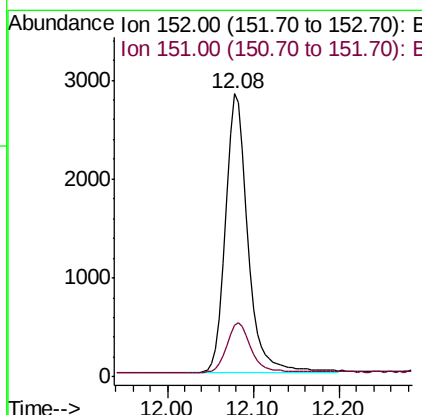
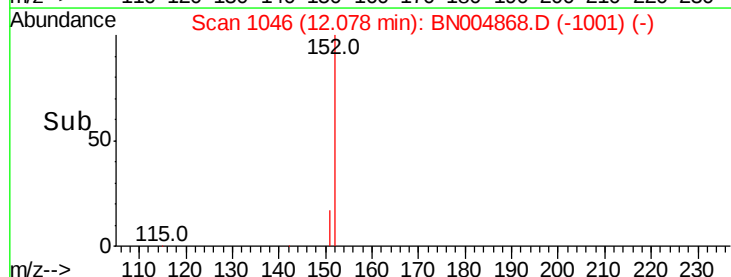
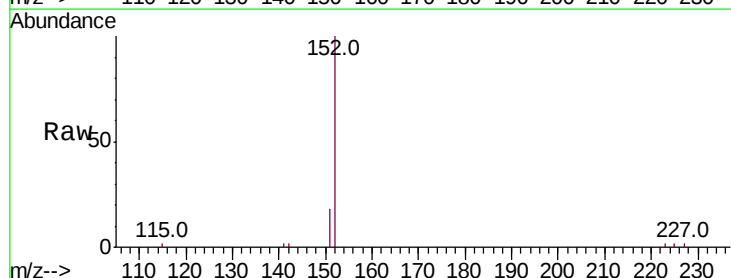
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#11
 2-Methylnaphthalene-d10
 Concen: 0.333 ng
 RT: 12.08 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BN004868.D
 Acq: 22 Mar 2019 01:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.5	23.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.34 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BN004868.D

Acq: 22 Mar 2019 01:52

Instrument :

BNA_N

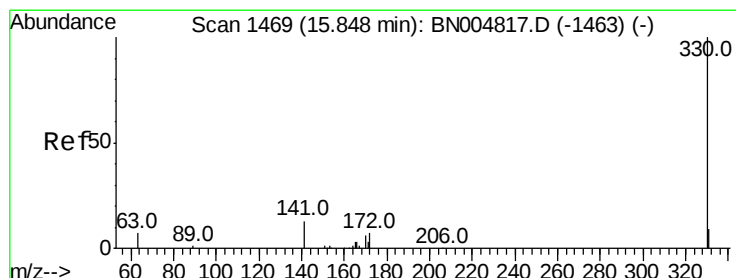
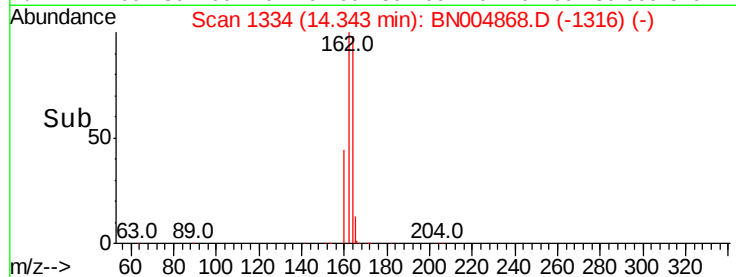
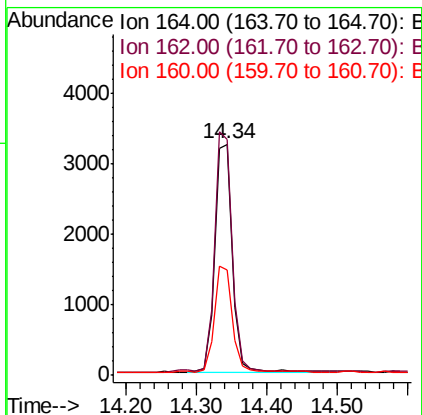
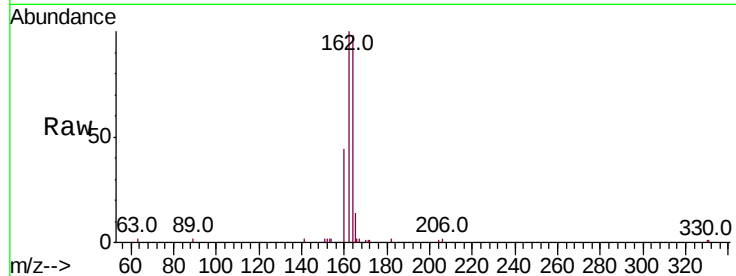
ClientSampleId :

PST-028-B011-030619

Tot Ion:	164	Resp:	5666
Ion Ratio	Lower	Upper	
164	100		
162	102.3	81.9	122.9
160	45.5	36.6	54.8

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#14

2,4,6-Tribromophenol

Concen: 0.292 ng

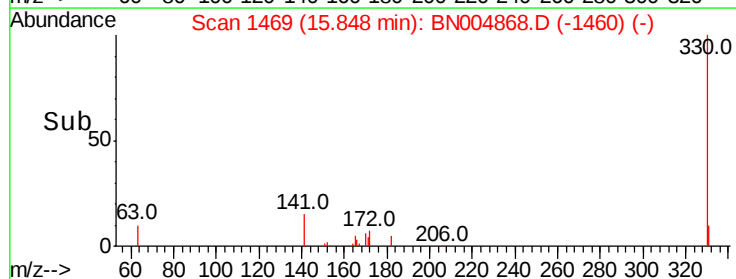
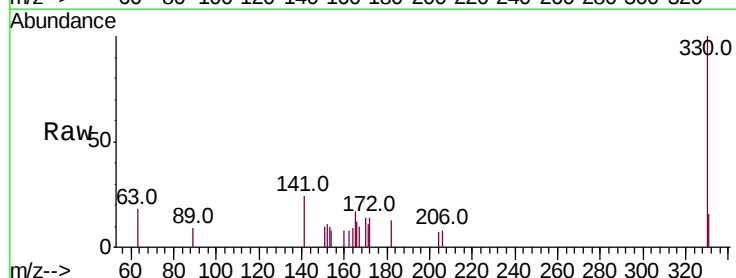
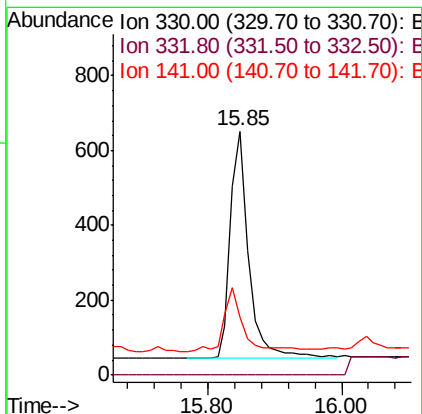
RT: 15.85 min Scan# 1469

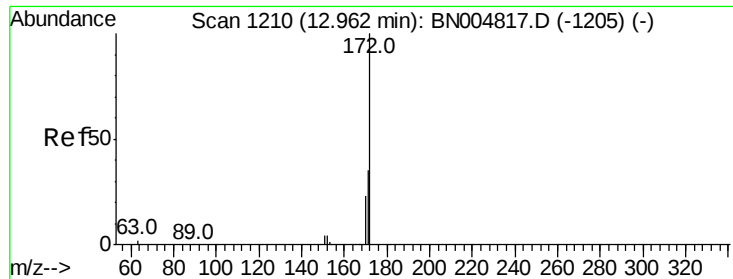
Delta R.T. -0.00 min

Lab File: BN004868.D

Acq: 22 Mar 2019 01:52

Tgt Ion:	330	Resp:	1142
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	30.2	20.9	31.3





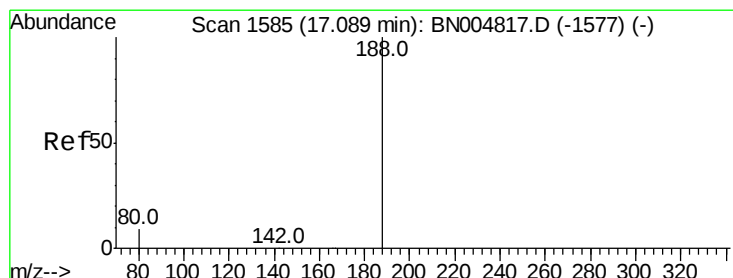
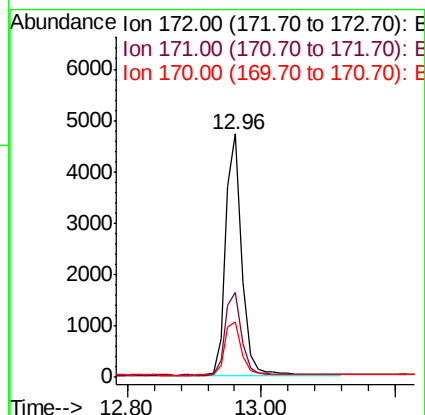
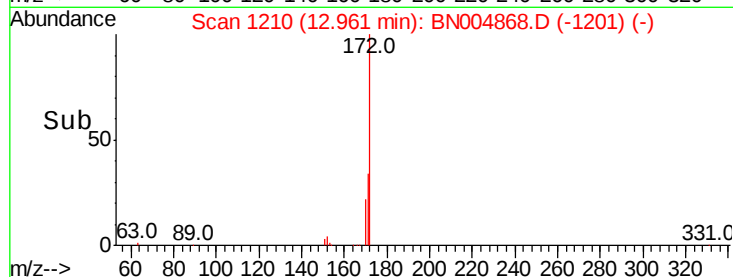
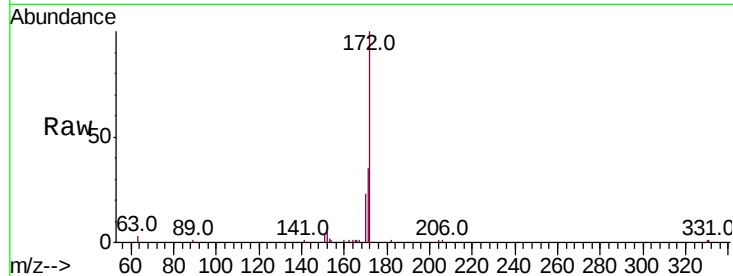
#15
2-Fluorobiphenyl
Concen: 0.335 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004868.D
Acq: 22 Mar 2019 01:52

Instrument :
BNA_N
ClientSampleId :
PST-028-B011-030619

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	22.6	18.7	28.1

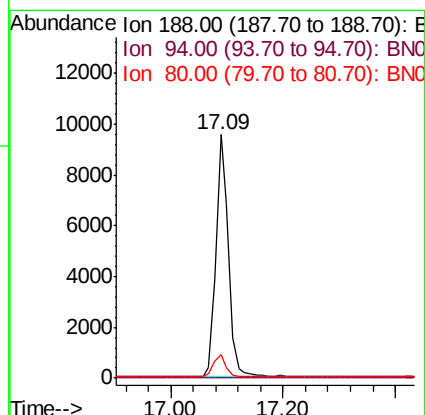
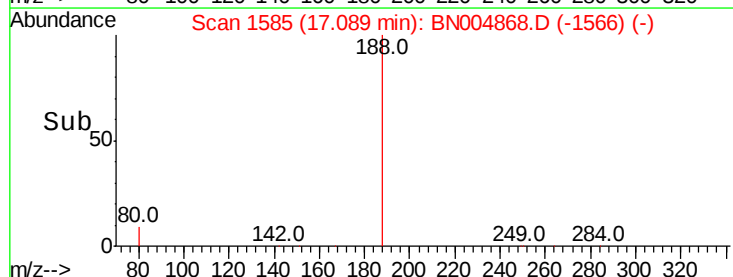
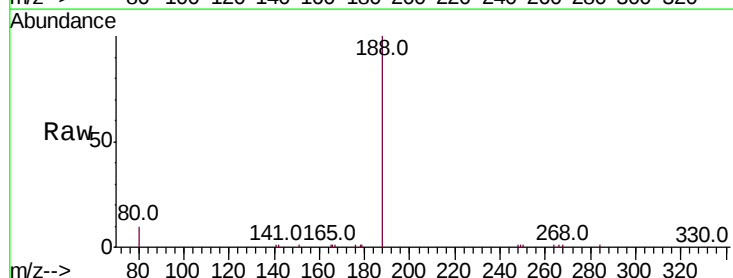
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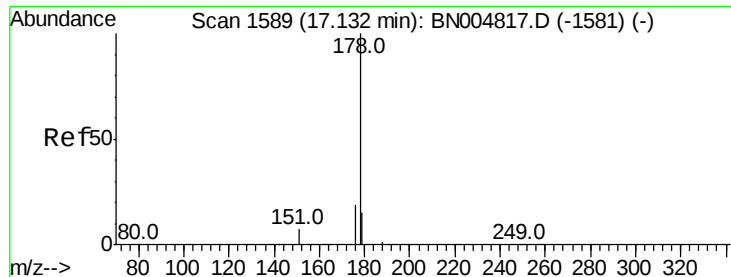
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#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN004868.D
Acq: 22 Mar 2019 01:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.4	11.2





#23

Phenanthrene

Concen: 0.058 ng

RT: 17.13 min Scan# 1589

Delta R.T. -0.00 min

Lab File: BN004868.D

Acq: 22 Mar 2019 01:52

Instrument :

BNA_N

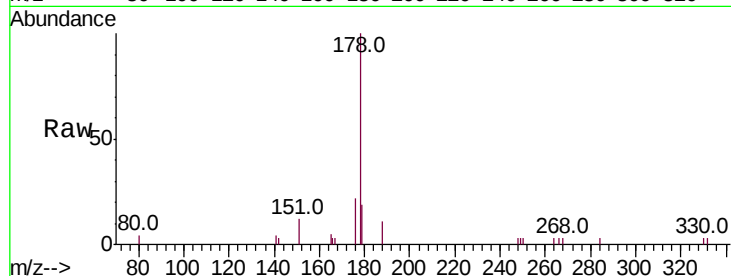
ClientSampleId :

PST-028-B011-030619

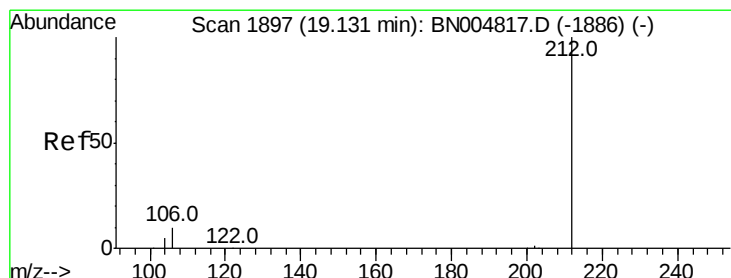
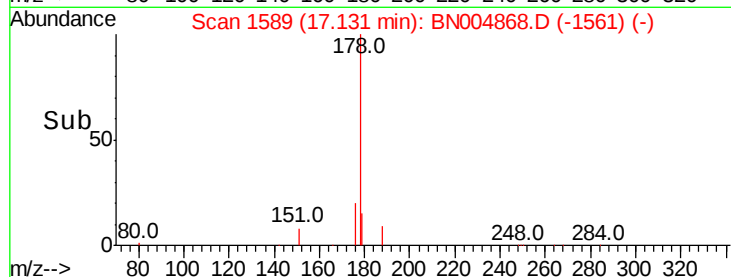
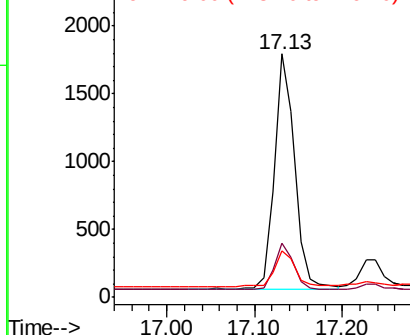
Tot Ion:	178	Resp:	2787
Ion Ratio	Lower	Upper	
178	100		
176	18.7	14.9	22.3
179	16.1	12.1	18.1

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.324 ng

RT: 19.13 min Scan# 1896

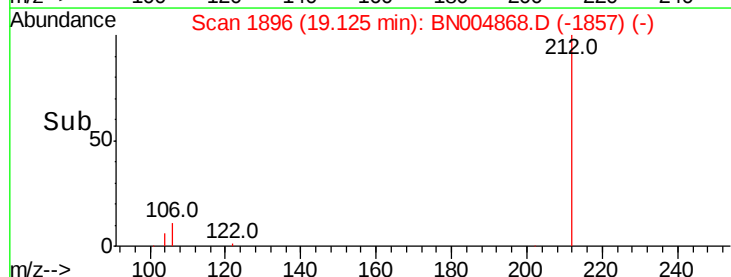
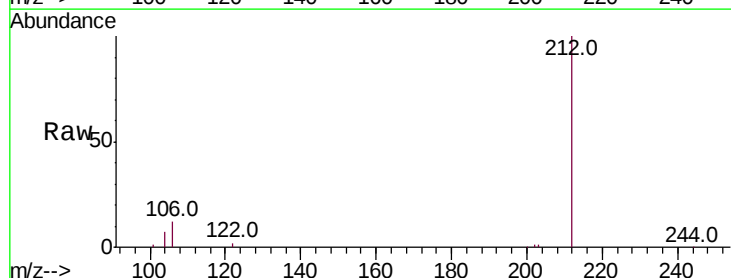
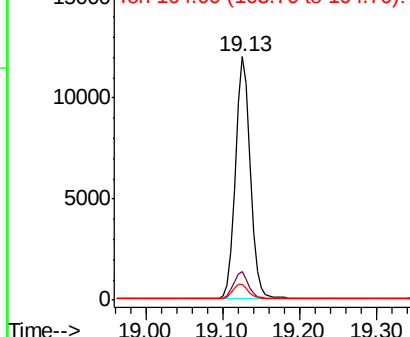
Delta R.T. -0.01 min

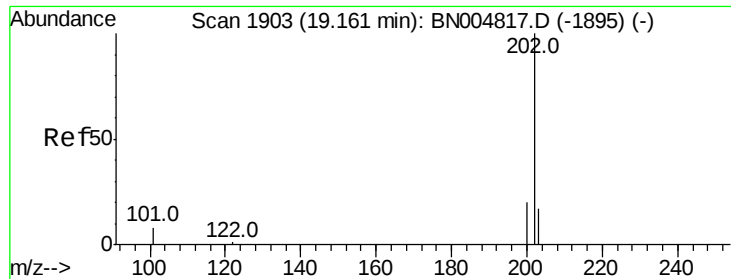
Lab File: BN004868.D

Acq: 22 Mar 2019 01:52

Tgt Ion:	212	Resp:	16038
Ion Ratio	Lower	Upper	
212	100		
106	11.5	8.6	13.0
104	6.3	4.7	7.1

Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E





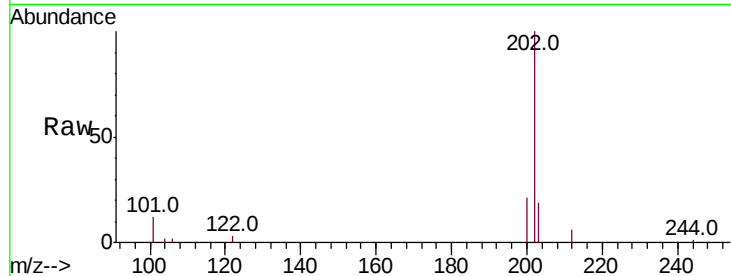
#26
Fluoranthene
Concen: 0.114 ng
RT: 19.16 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BN004868.D
Acq: 22 Mar 2019 01:52

Instrument :
BNA_N
ClientSampleId :
PST-028-B011-030619

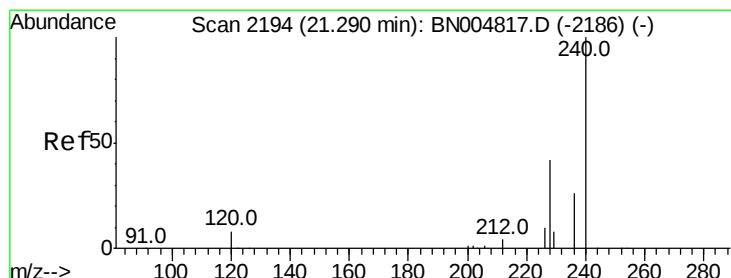
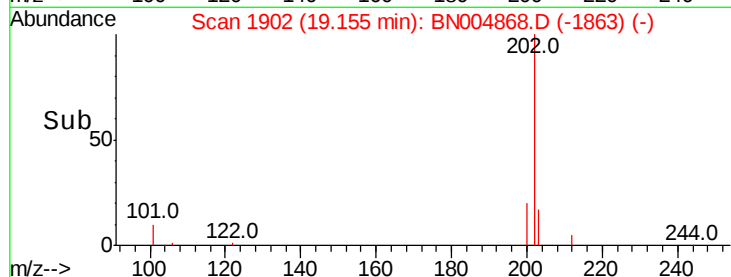
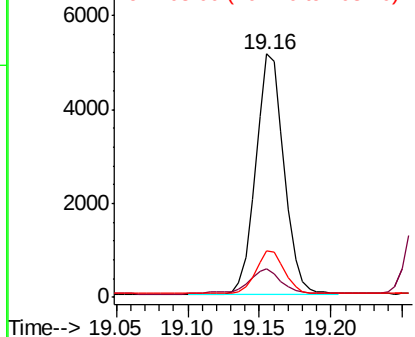
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	7.5	11.3#
203	17.5	13.8	20.6

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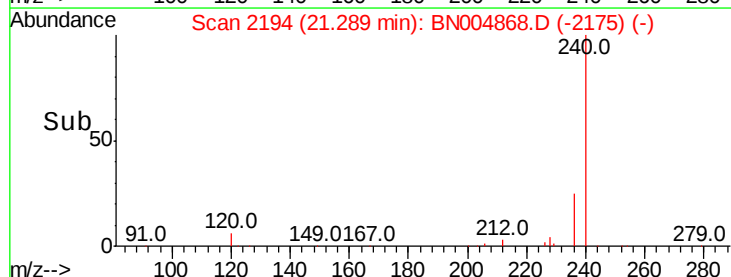
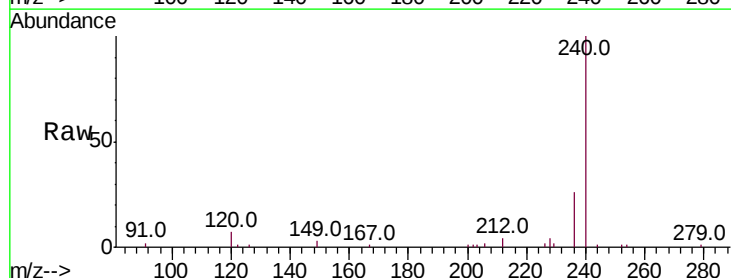
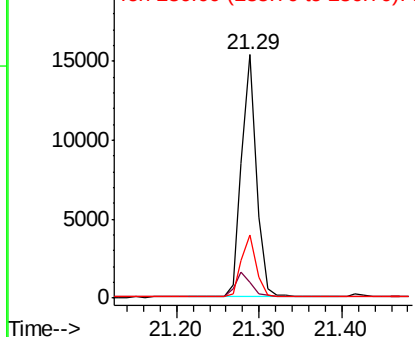
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

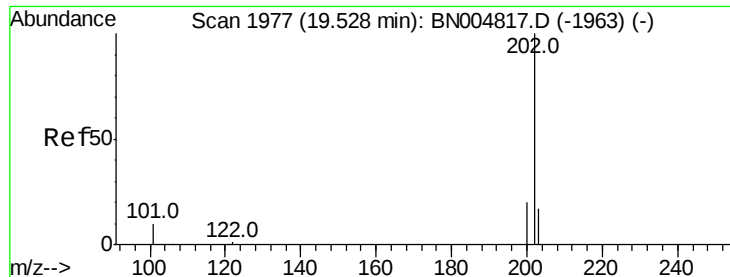


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004868.D
Acq: 22 Mar 2019 01:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.6	7.2	10.8#
236	25.8	20.9	31.3

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





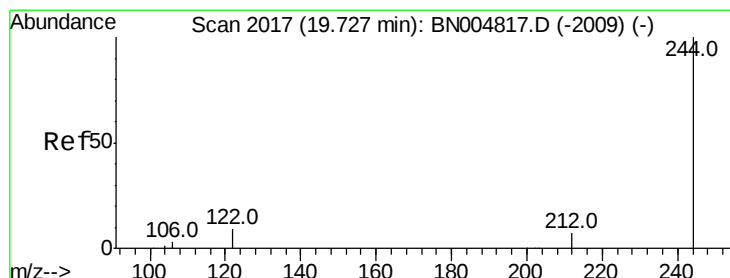
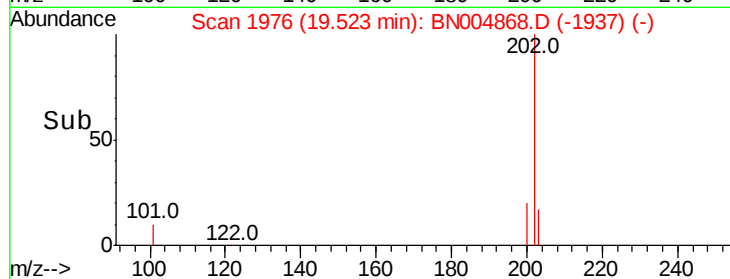
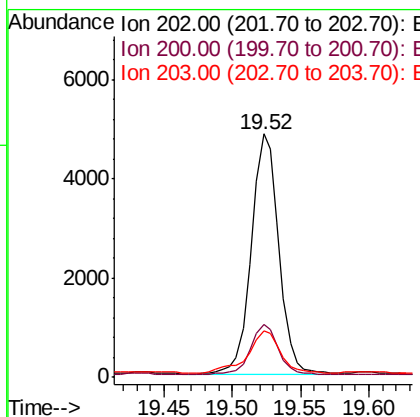
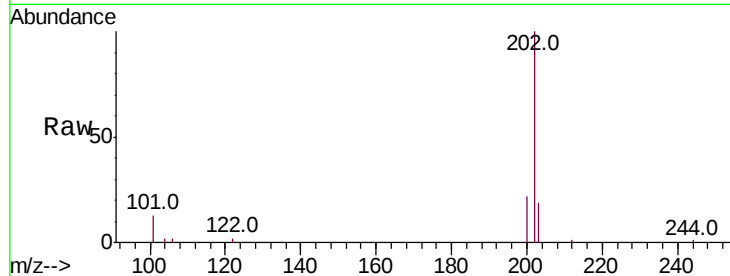
#28
Pvrene
Concen: 0.114 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BN004868.D
Acq: 22 Mar 2019 01:52

Instrument :
BNA_N
ClientSampleId :
PST-028-B011-030619

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	20.5	14.0	21.0

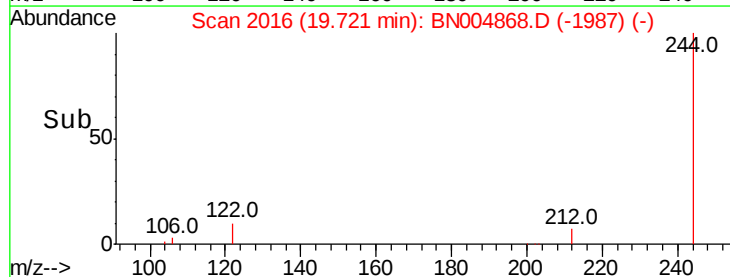
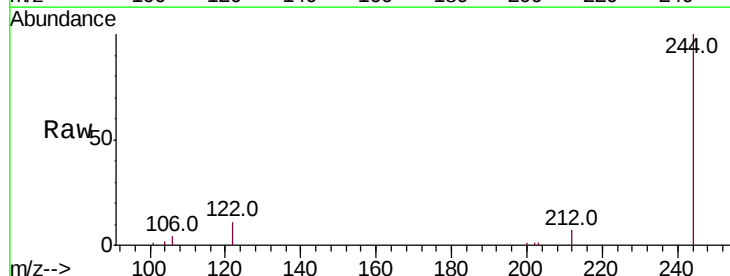
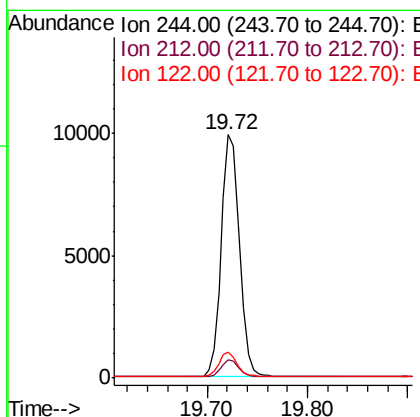
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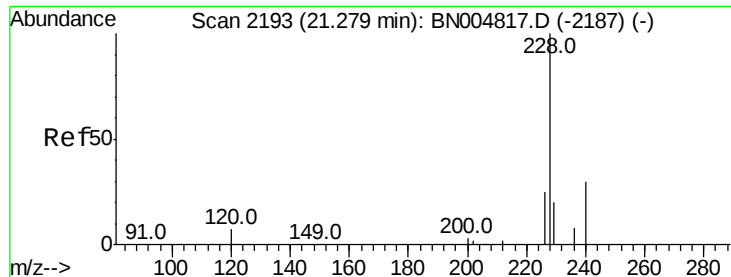
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#29
Terphenyl-d14
Concen: 0.314 ng
RT: 19.72 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BN004868.D
Acq: 22 Mar 2019 01:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	10.9	7.9	11.9





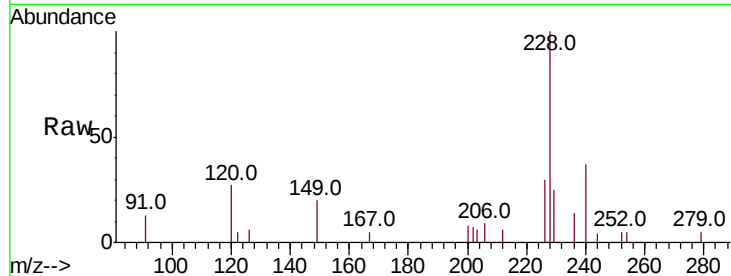
#30
Benzo(a)anthracene
Concen: 0.051 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN004868.D
Acq: 22 Mar 2019 01:52

Instrument :
BNA_N
ClientSampleId :
PST-028-B011-030619

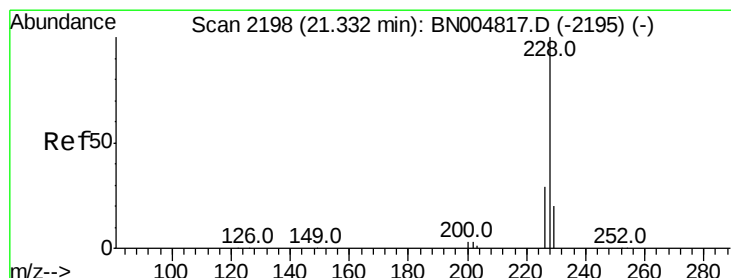
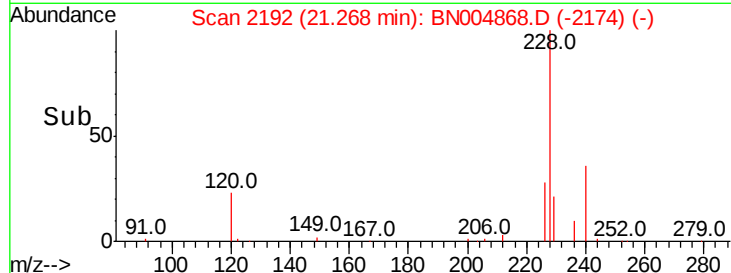
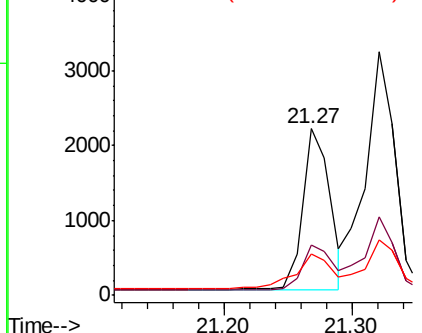
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	20.6	31.0
229	24.6	16.2	24.4

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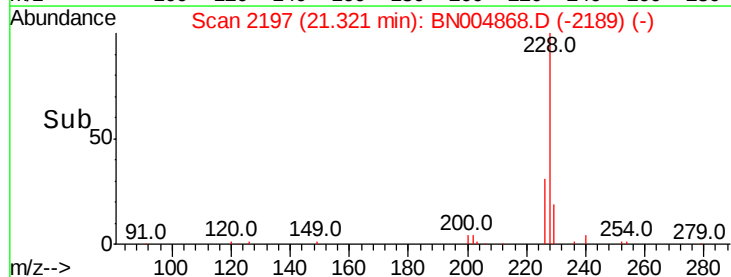
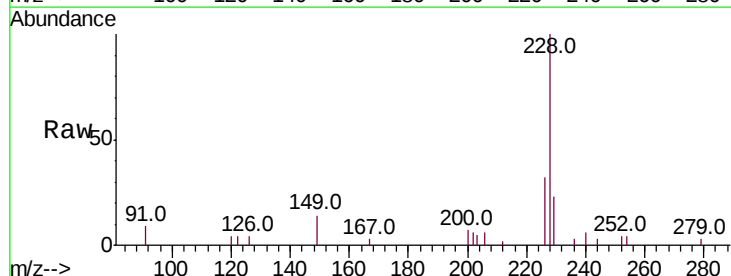
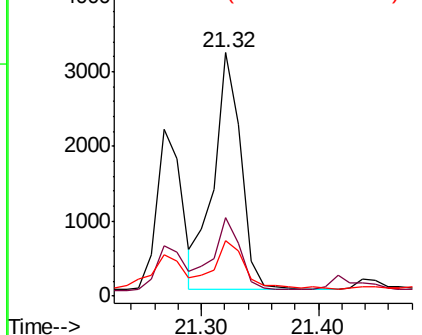
Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

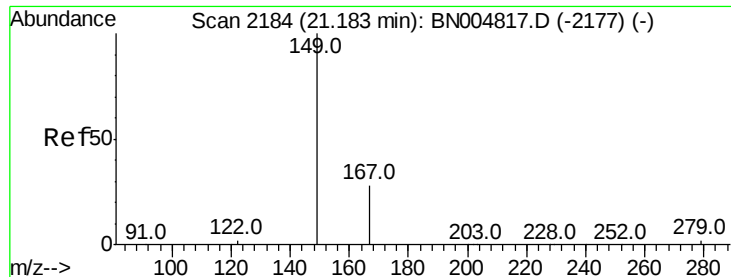


#31
Chrysene
Concen: 0.076 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN004868.D
Acq: 22 Mar 2019 01:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.1	23.0	34.6
229	22.6	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





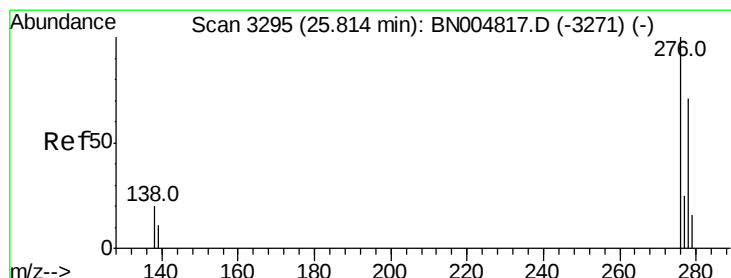
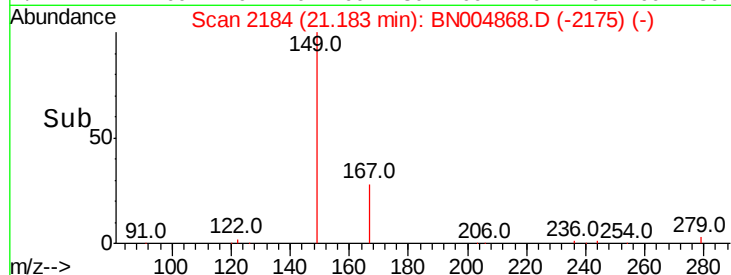
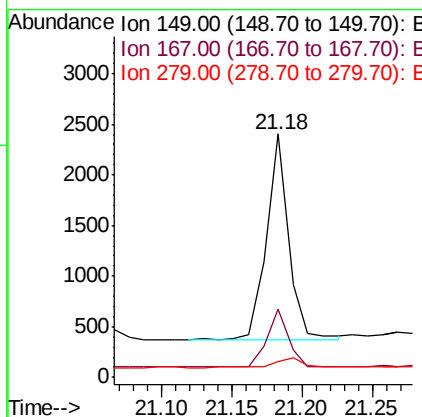
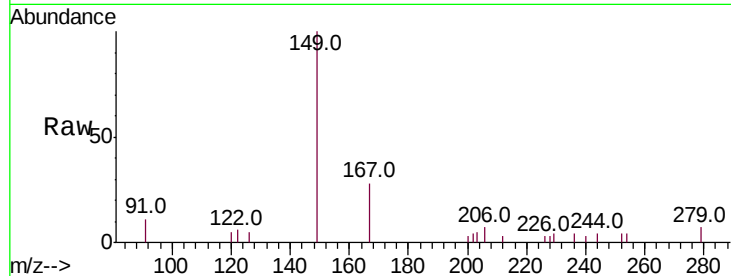
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.089 ng
 RT: 21.18 min Scan# 2184
 Delta R.T. -0.00 min
 Lab File: BN004868.D
 Acq: 22 Mar 2019 01:52

Instrument :
 BNA_N
 ClientSampleId :
 PST-028-B011-030619

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.7	23.0	34.4
279	6.1	4.6	6.8

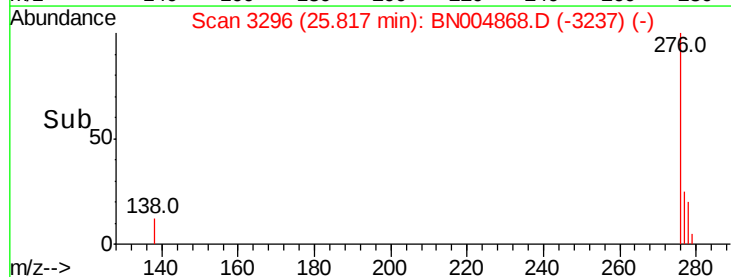
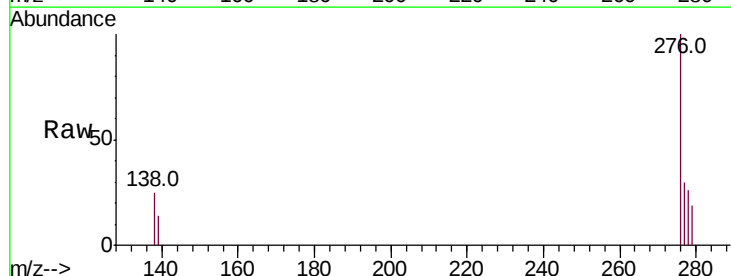
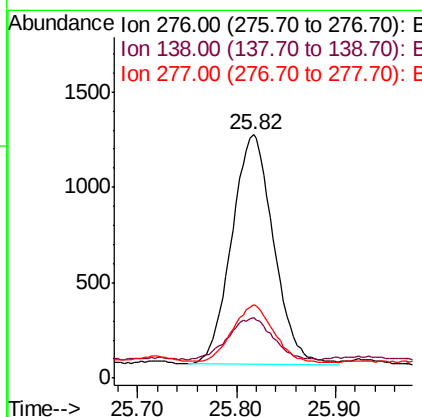
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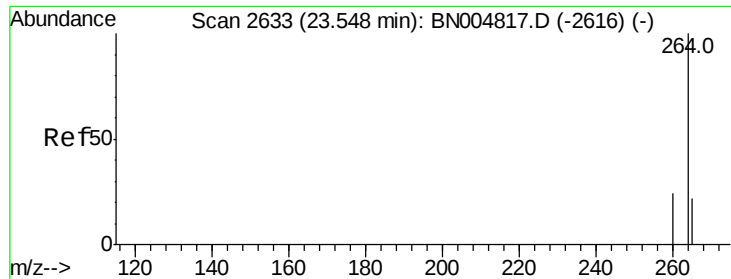
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#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.036 ng
 RT: 25.82 min Scan# 3296
 Delta R.T. 0.00 min
 Lab File: BN004868.D
 Acq: 22 Mar 2019 01:52

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.6	24.8
277	24.5	20.3	30.5





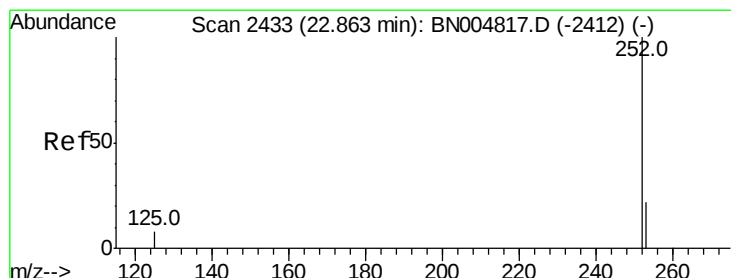
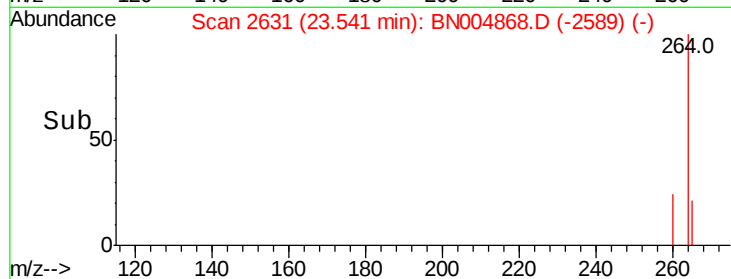
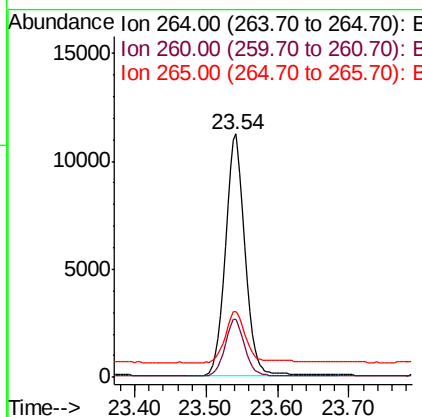
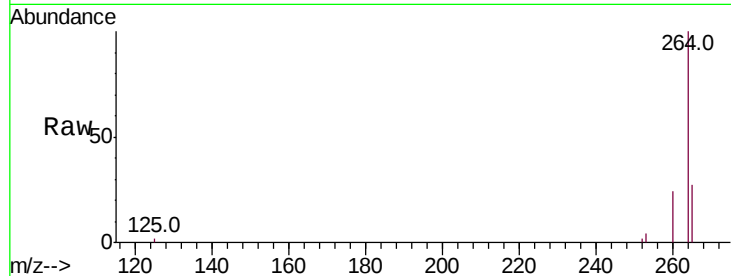
#34
Pervlene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2631
Delta R.T. -0.01 min
Lab File: BN004868.D
Acq: 22 Mar 2019 01:52

Instrument :
BNA_N
ClientSampleId :
PST-028-B011-030619

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	27.2	23.1	34.7

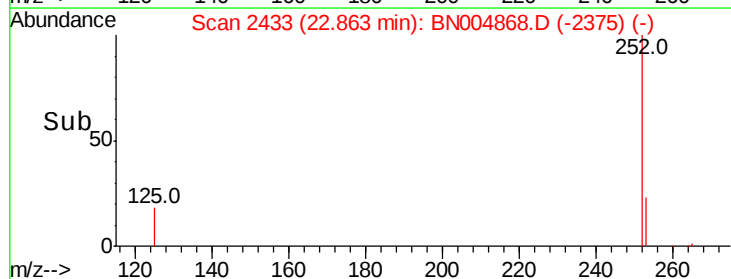
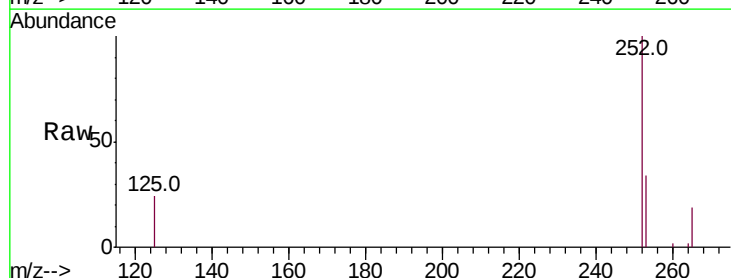
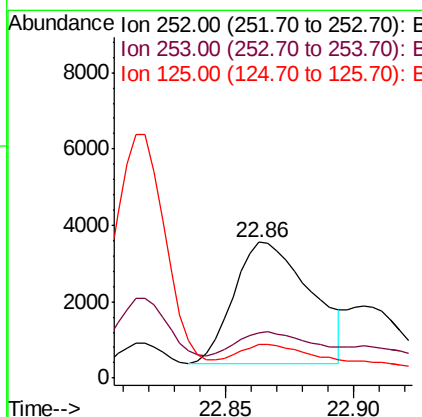
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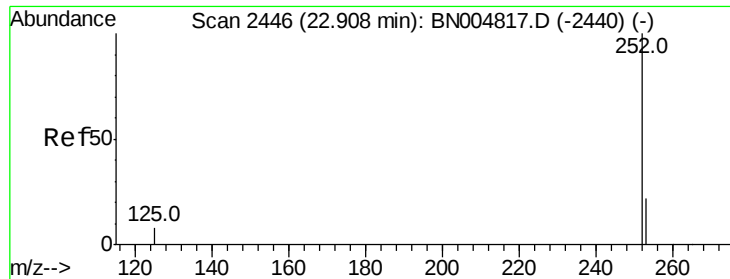
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#35
Benzo(b)fluoranthene
Concen: 0.085 ng
RT: 22.86 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BN004868.D
Acq: 22 Mar 2019 01:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.7	19.0	28.4#
125	24.5	7.4	11.2#





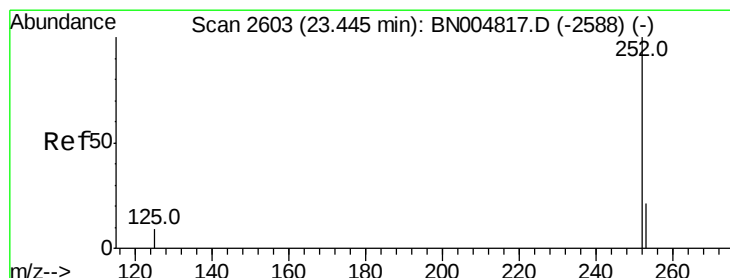
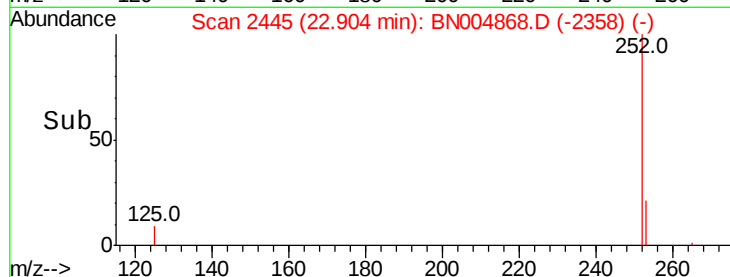
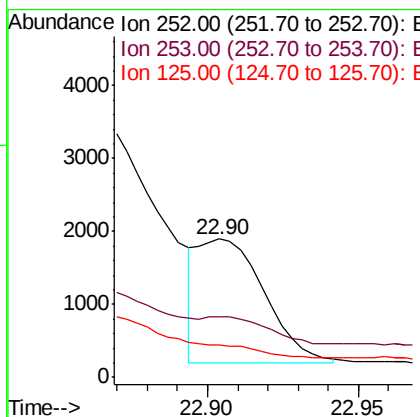
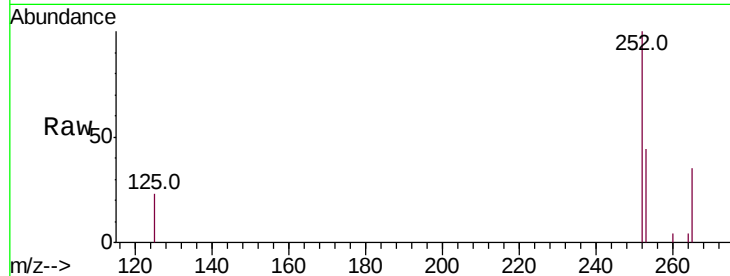
#36
Benzo(k)fluoranthene
Concen: 0.034 ng m
RT: 22.90 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BN004868.D
Acq: 22 Mar 2019 01:52

Instrument :
BNA_N
ClientSampleId :
PST-028-B011-030619

Tot Ion:252 Resp: 2579
Ion Ratio Lower Upper
252 100
253 44.0 19.3 28.9#
125 23.2 7.4 11.0#

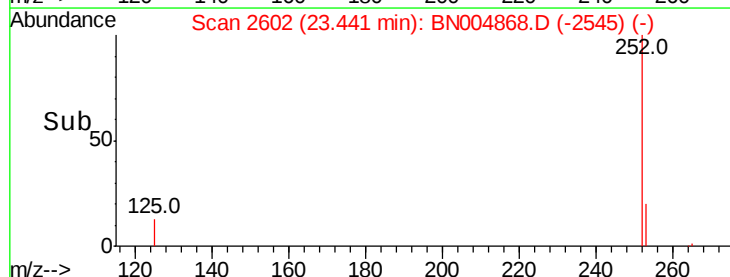
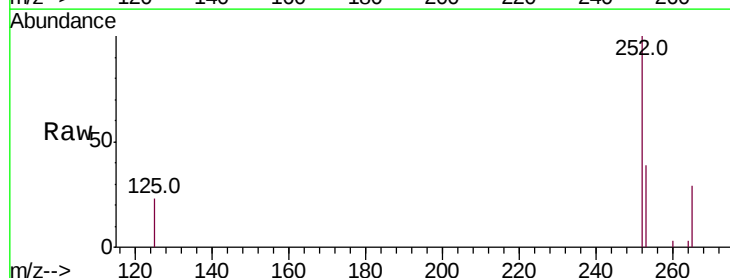
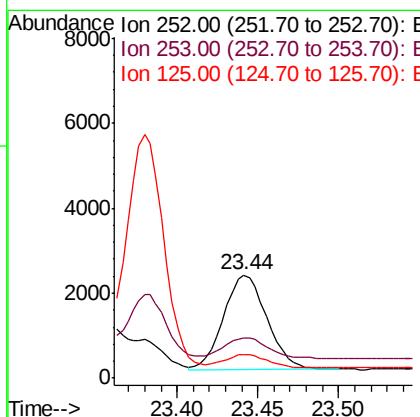
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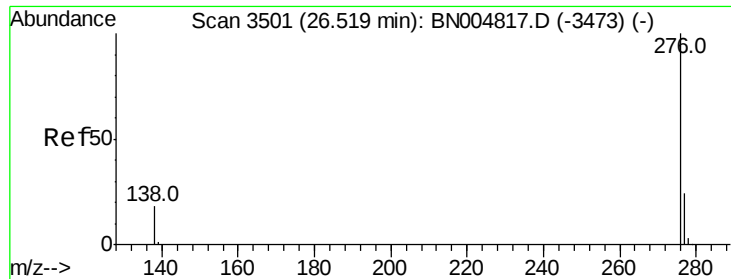
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#37
Benzo(a)pyrene
Concen: 0.059 ng
RT: 23.44 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BN004868.D
Acq: 22 Mar 2019 01:52

Tgt Ion:252 Resp: 4177
Ion Ratio Lower Upper
252 100
253 39.2 19.7 29.5#
125 22.8 8.3 12.5#





#39
 Benzo(a,h,i)perylene
 Concen: 0.043 ng
 RT: 26.52 min Scan# 3501
 Delta R.T. -0.00 min
 Lab File: BN004868.D
 Acq: 22 Mar 2019 01:52

Instrument :
 BNA_N
 ClientSampleId :
 PST-028-B011-030619

Tot Ion	Ratio	Lower	Upper
276	100		
277	29.0	19.7	29.5
138	26.2	14.6	22.0

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