

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
 Data File : BN004871.D
 Acq On : 22 Mar 2019 03:38
 Operator : JU/SJ
 Sample : K2013-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-026-B027-031819

Manual Integrations
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 3/22/2019 7:16:37 PM

Quant Time: Mar 22 04:57:02 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	1854	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	8573	0.40	ng	0.00
13) Acenaphthene-d10	14.33	164	5490	0.40	ng	-0.01
19) Phenanthrene-d10	17.09	188	14340	0.40	ng	0.00
27) Chrysene-d12	21.29	240	19437	0.40	ng	0.00
34) Perylene-d12	23.54	264	20884	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	2044	0.41	ng	0.00
5) Phenol-d6	6.87	99	2740	0.44	ng	0.00
8) Nitrobenzene-d5	8.87	82	1821	0.32	ng	0.00
11) 2-Methylnaphthalene-d10	12.08	152	4859	0.32	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	1781	0.47	ng	0.00
15) 2-Fluorobiphenyl	12.96	172	7745	0.34	ng	0.00
25) Fluoranthene-d10	19.13	212	14147	0.29	ng	0.00
29) Terphenyl-d14	19.72	244	14410	0.36	ng	0.00
Target Compounds						Qvalue
16) Acenaphthylene	14.07	152	602	0.021	ng	96
23) Phenanthrene	17.13	178	4080	0.088	ng	99
26) Fluoranthene	19.16	202	7688	0.129	ng	98
28) Pyrene	19.52	202	8094	0.137	ng	97
30) Benzo(a)anthracene	21.27	228	3937	0.062	ng	# 91
31) Chrysene	21.32	228	5113	0.076	ng	94
32) Bis(2-ethylhexyl)phthalate	21.18	149	2076	0.082	ng	98
33) Indeno(1,2,3-cd)pyrene	25.82	276	3128	0.032	ng	96
35) Benzo(b)fluoranthene	22.87	252	6170	0.082	ng	# 64
36) Benzo(k)fluoranthene	22.91	252	1973m	0.027	ng	
37) Benzo(a)pyrene	23.44	252	4282	0.062	ng	# 71
39) Benzo(a,h,i)perylene	26.52	276	3245	0.040	ng	# 84

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

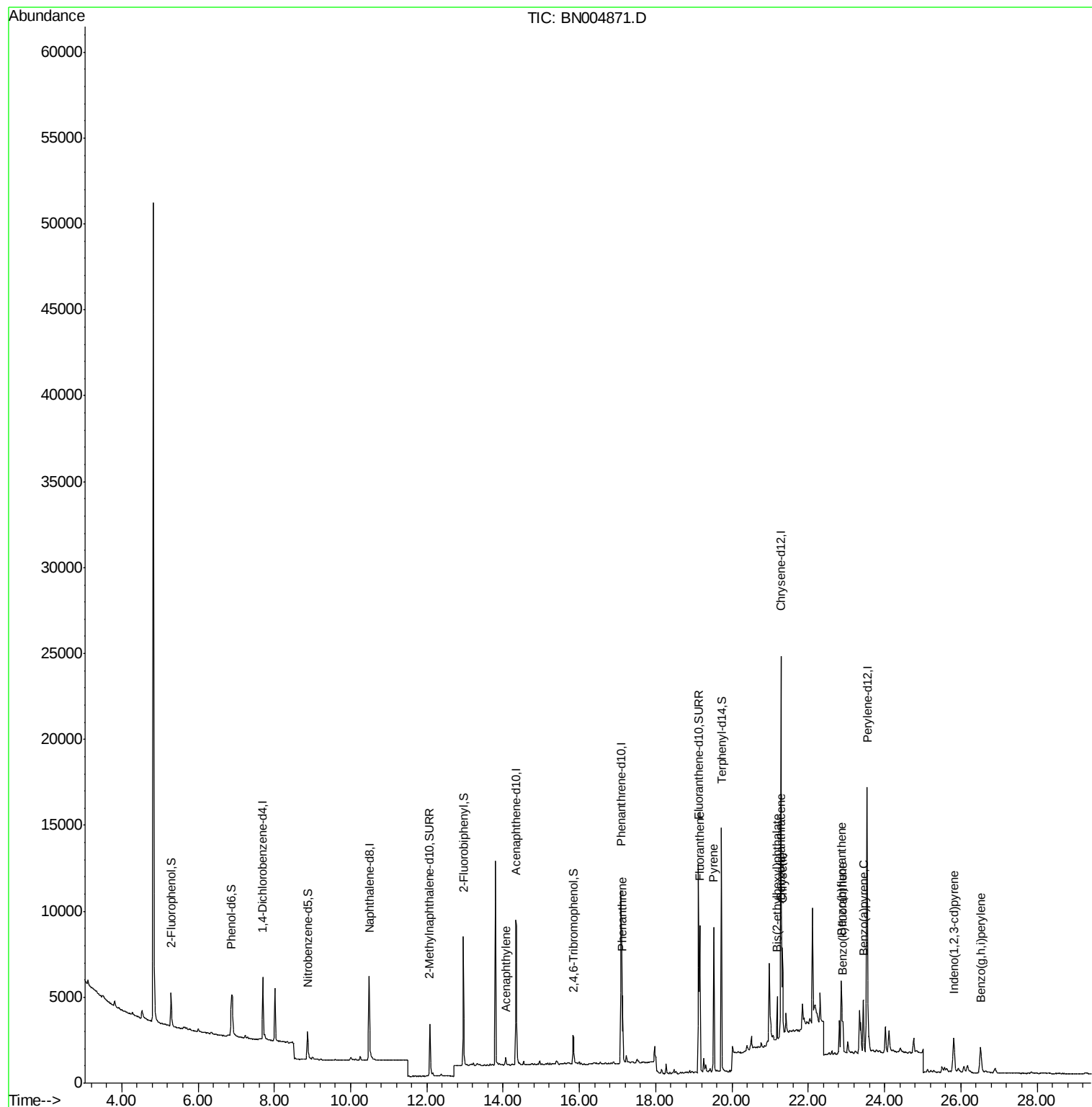
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
Data File : BN004871.D
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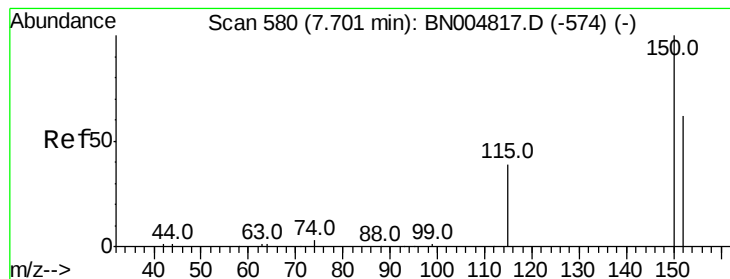
Instrument :
BNA_N
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PST-026-B027-031819

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
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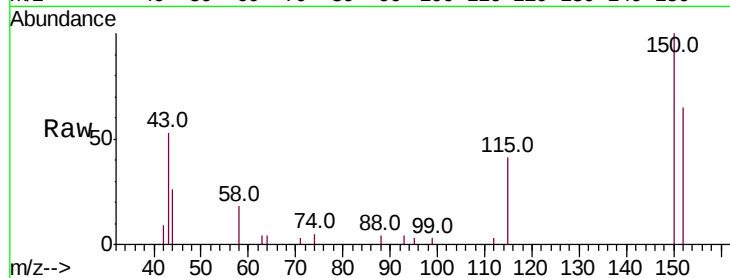
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.70 min Scan# 580
 Delta R.T. -0.00 min
 Lab File: BN004871.D
 Acq: 22 Mar 2019 03:38

Instrument :
 BNA_N
 ClientSampleId :
 PST-026-B027-031819

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.2	189.4
115	62.5	52.6	79.0

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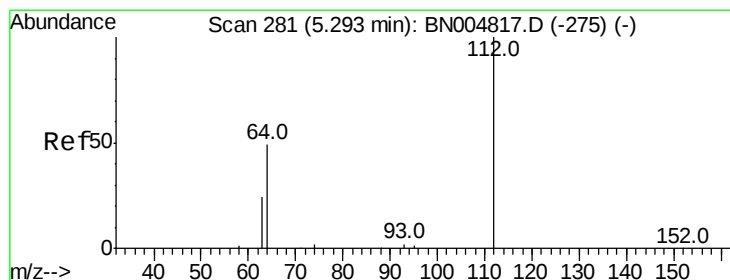
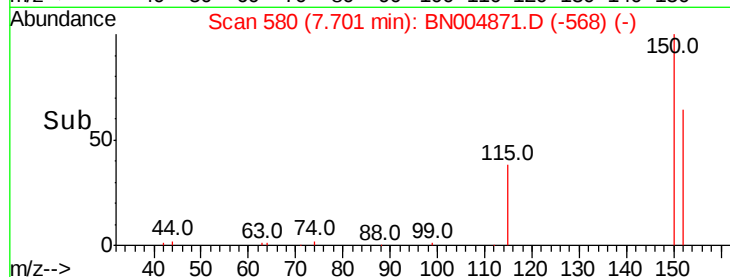
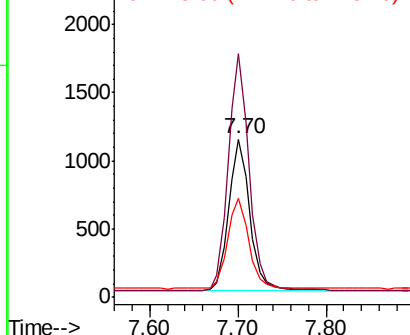


Abundance

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: 0.406 ng
 RT: 5.29 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: BN004871.D
 Acq: 22 Mar 2019 03:38

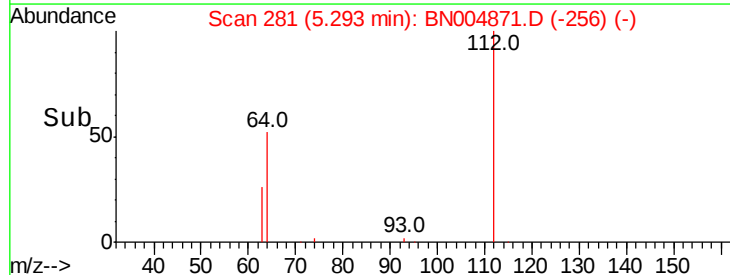
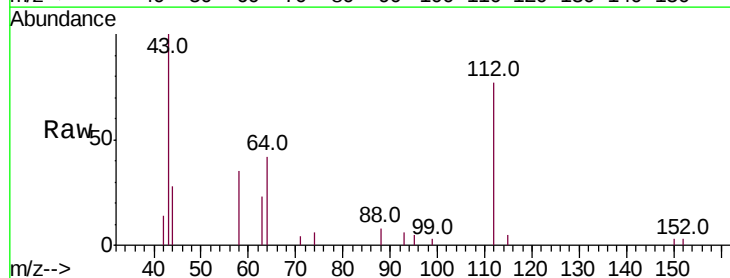
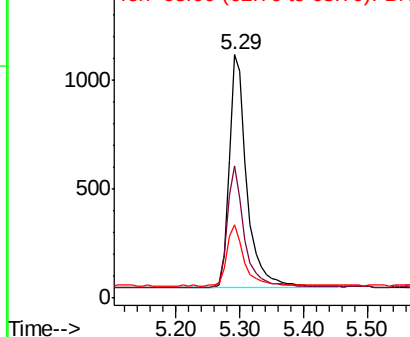
Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.1	40.0	60.0
63	25.4	20.2	30.2

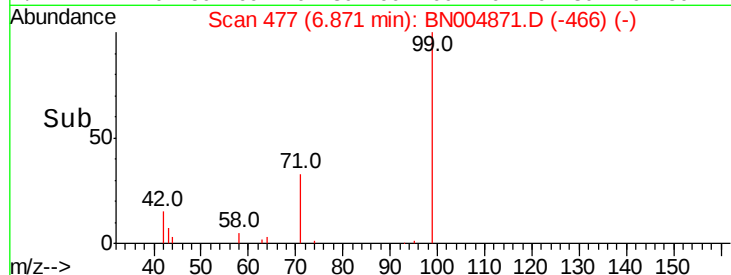
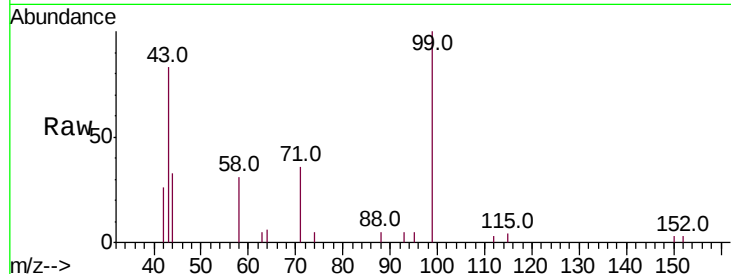
Abundance

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: 0.437 ng

RT: 6.87 min Scan# 477

Delta R.T. -0.01 min

Lab File: BN004871.D

Acq: 22 Mar 2019 03:38

Instrument :

BNA_N

ClientSampleId :

PST-026-B027-031819

Tot Ion: 99 Resp: 2740

Ion Ratio Lower Upper

99 100

42 18.1 12.7 19.1

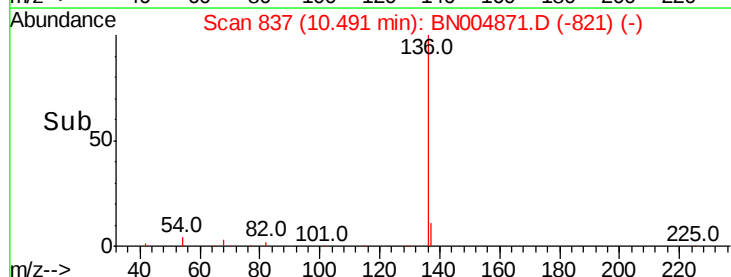
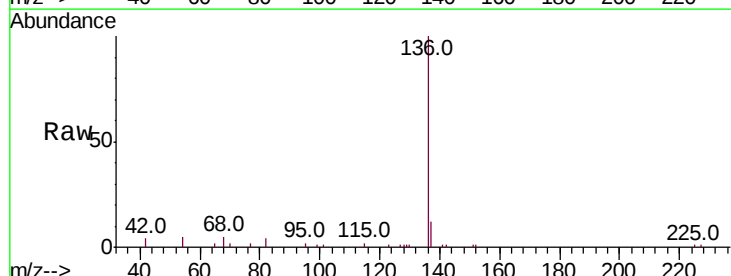
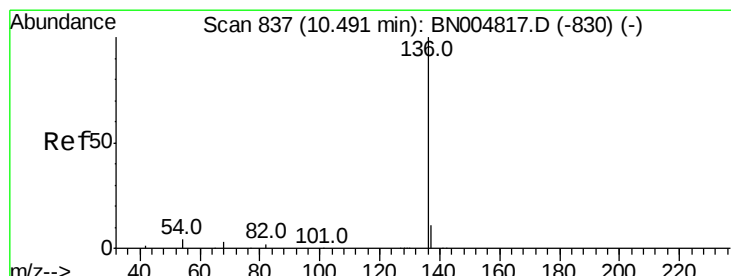
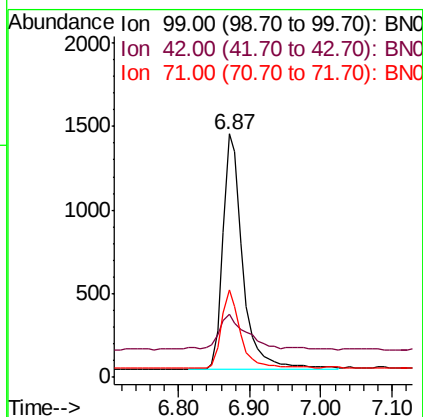
71 32.0 26.6 40.0

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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: BN004871.D

Acq: 22 Mar 2019 03:38

Tgt Ion: 136 Resp: 8573

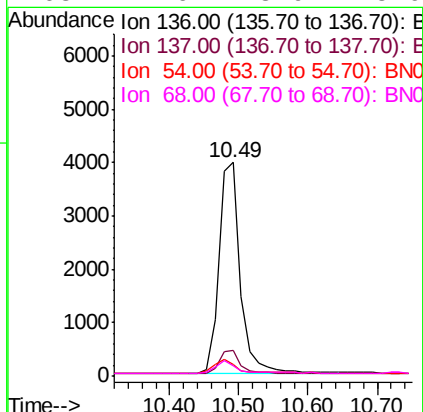
Ion Ratio Lower Upper

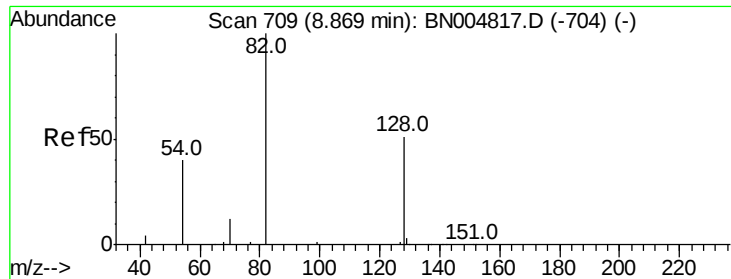
136 100

137 12.0 9.6 14.4

54 5.2 4.2 6.2

68 4.6 3.9 5.9





#8

Nitrobenzene-d5

Concen: 0.321 ng

RT: 8.87 min Scan# 709

Delta R.T. -0.00 min

Lab File: BN004871.D

Acq: 22 Mar 2019 03:38

Instrument :

BNA_N

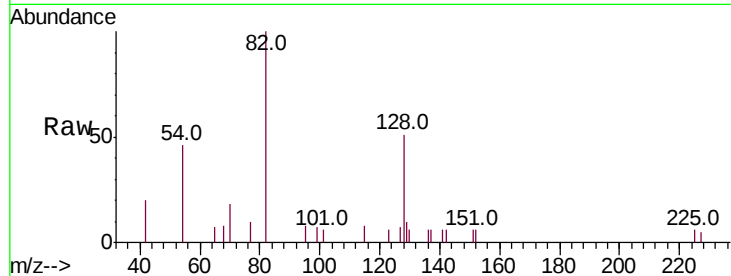
ClientSampleId :

PST-026-B027-031819

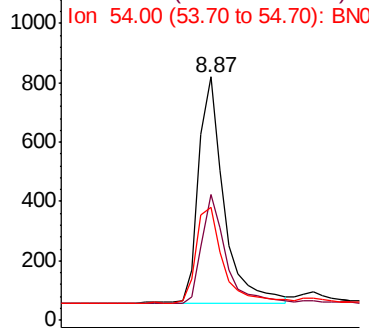
Tot Ion:	82	Resp:	1821
Ion Ratio	Lower	Upper	
82	100		
128	51.5	43.0	64.6
54	46.3	35.3	52.9

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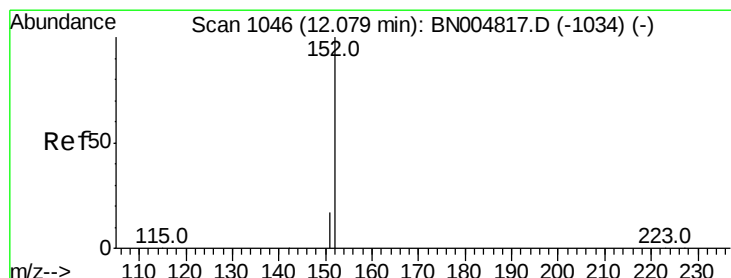
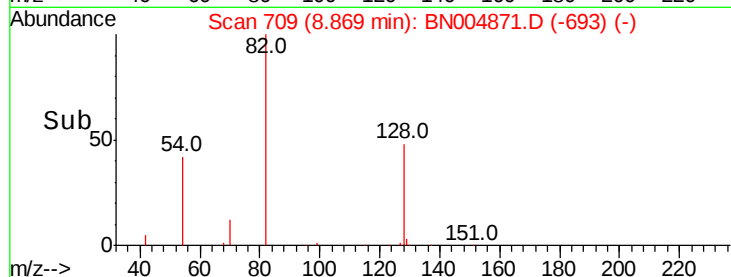
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Abundance Ion 82.00 (81.70 to 82.70): BN004871.D (-704) (-)



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.325 ng

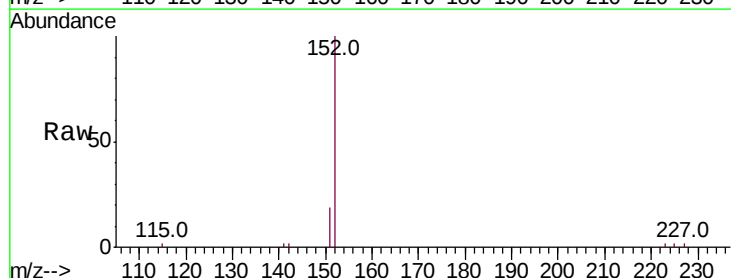
RT: 12.08 min Scan# 1046

Delta R.T. -0.00 min

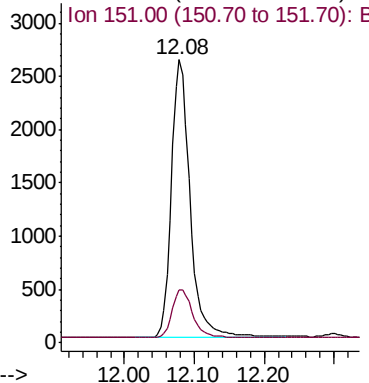
Lab File: BN004871.D

Acq: 22 Mar 2019 03:38

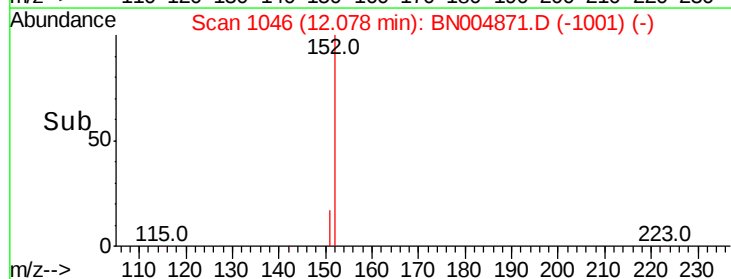
Tgt Ion:	152	Resp:	4859
Ion Ratio	Lower	Upper	
152	100		
151	19.1	15.5	23.3



Abundance Ion 152.00 (151.70 to 152.70): BN004871.D (-1034) (-)



Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.33 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BN004871.D

Acq: 22 Mar 2019 03:38

Instrument :

BNA_N

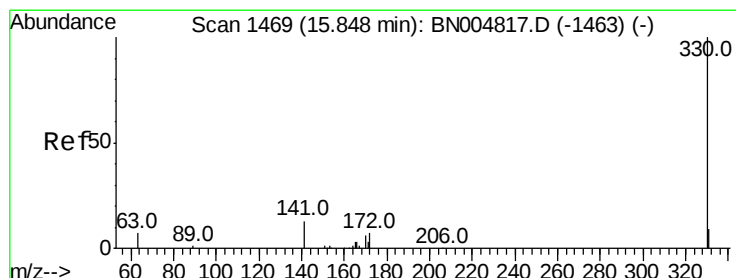
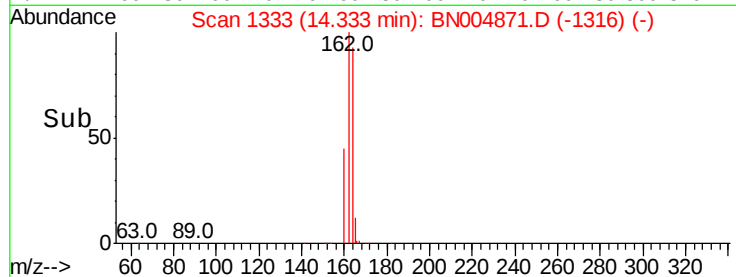
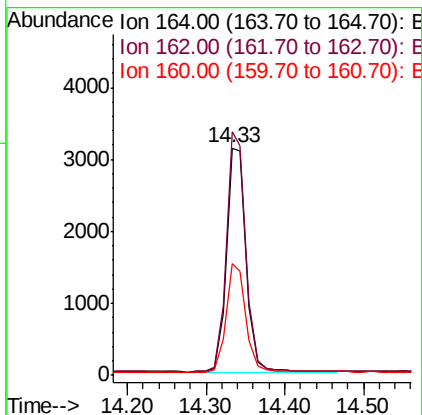
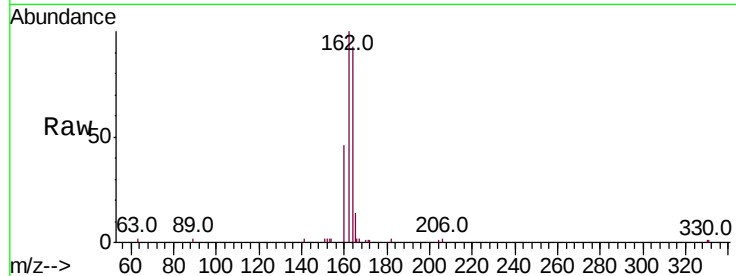
ClientSampleId :

PST-026-B027-031819

Tot Ion:	164	Resp:	5490
Ion	Ratio	Lower	Upper
164	100		
162	107.0	81.9	122.9
160	49.0	36.6	54.8

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#14

2,4,6-Tribromophenol

Concen: 0.470 ng

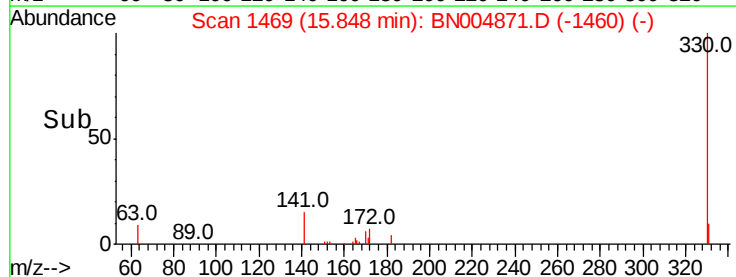
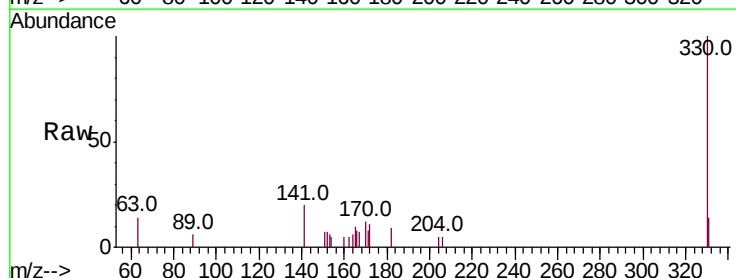
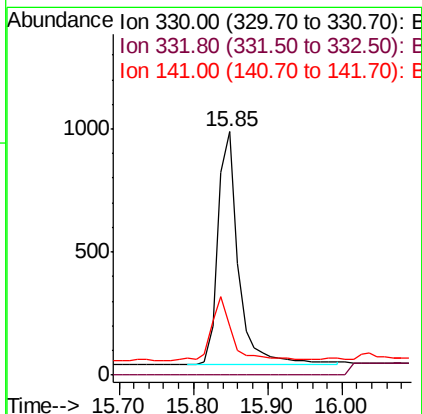
RT: 15.85 min Scan# 1469

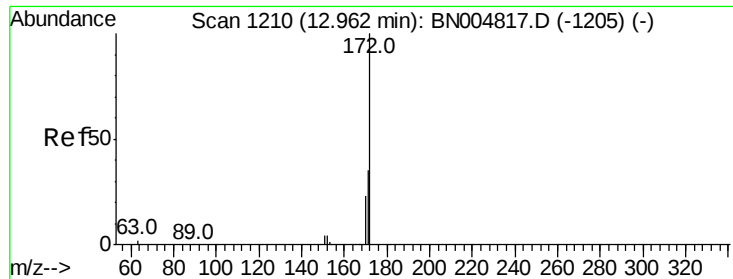
Delta R.T. -0.00 min

Lab File: BN004871.D

Acq: 22 Mar 2019 03:38

Tgt Ion:	330	Resp:	1781
Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.7	20.9	31.3





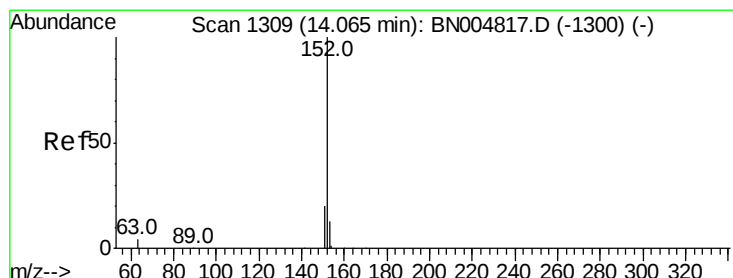
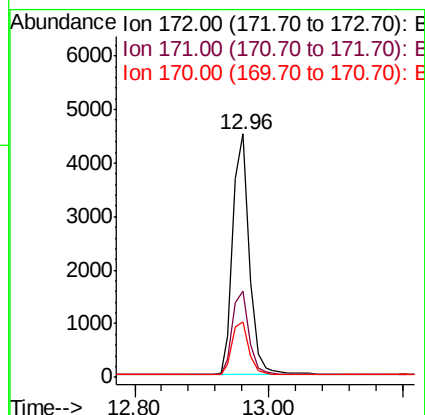
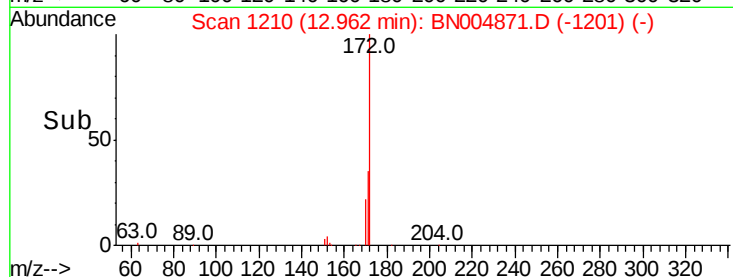
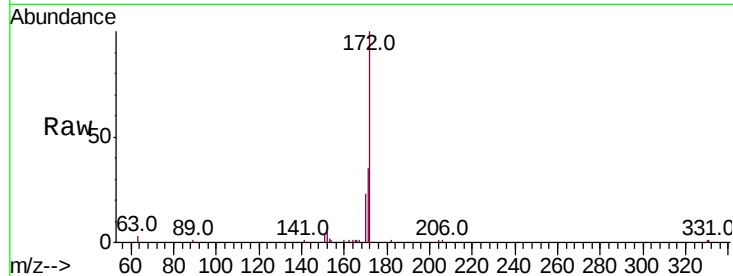
#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	23.0	18.7	28.1

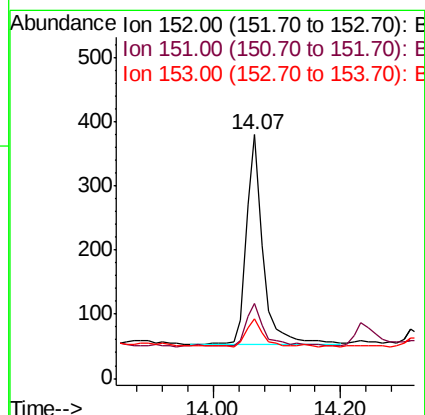
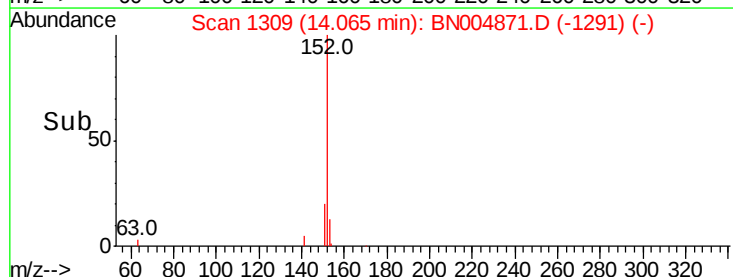
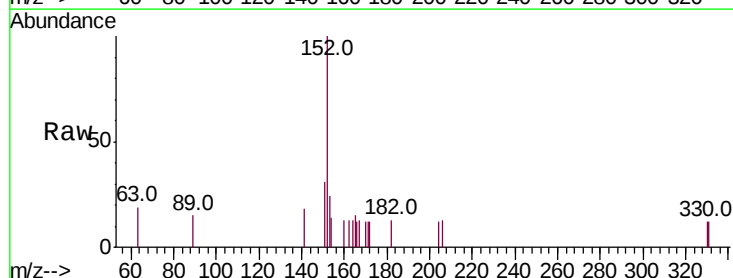
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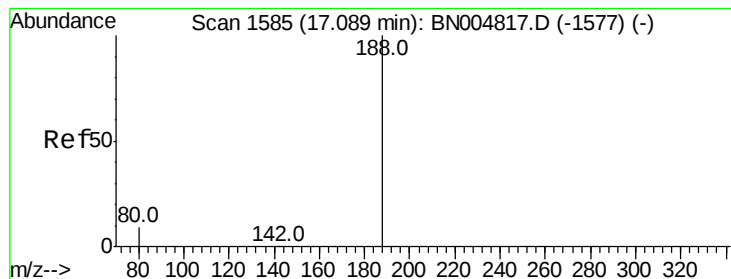
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#16
Acenaphthylene
Concen: 0.021 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.1	24.1
153	12.3	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: BN004871.D

Acq: 22 Mar 2019 03:38

Instrument :

BNA_N

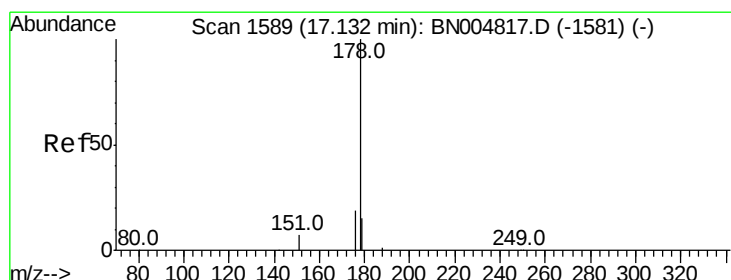
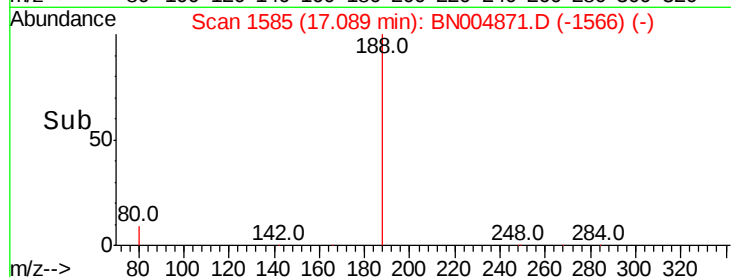
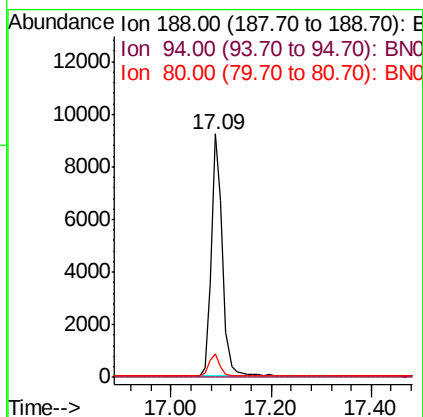
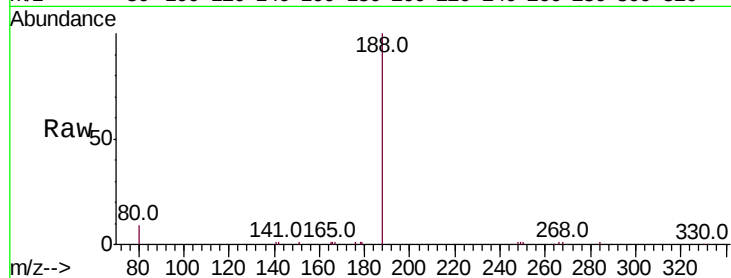
ClientSampleId :

PST-026-B027-031819

Tot Ion:	188	Resp:	14340
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	9.4	7.4	11.2

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#23

Phenanthrene

Concen: 0.088 ng

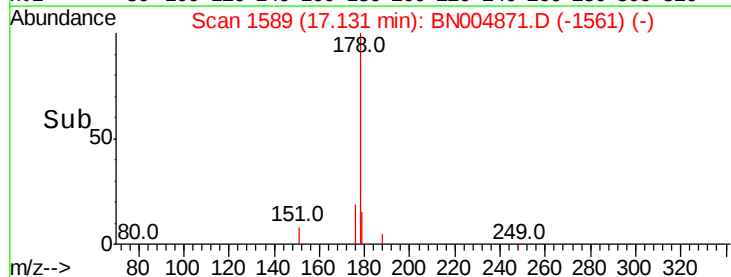
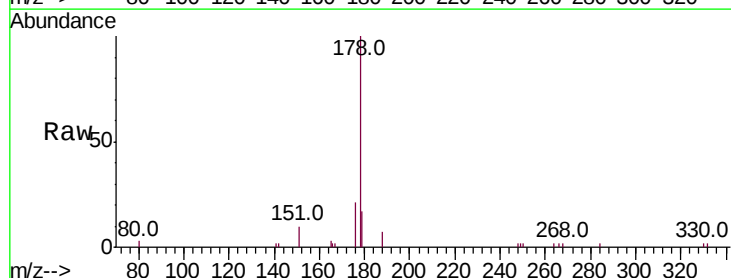
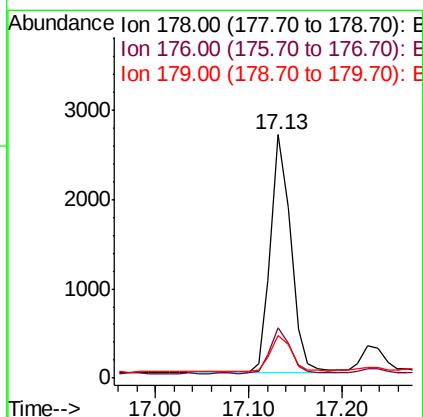
RT: 17.13 min Scan# 1589

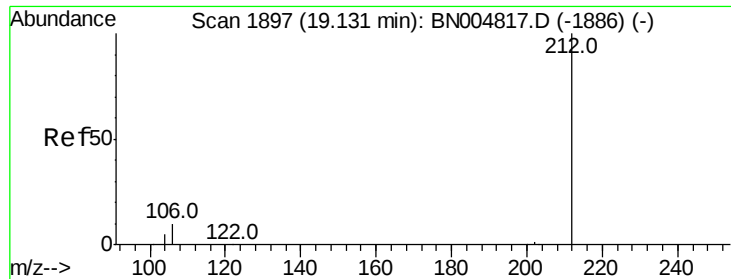
Delta R.T. -0.00 min

Lab File: BN004871.D

Acq: 22 Mar 2019 03:38

Tgt Ion:	178	Resp:	4080
Ion Ratio	Lower	Upper	
178	100		
176	18.8	14.9	22.3
179	16.2	12.1	18.1





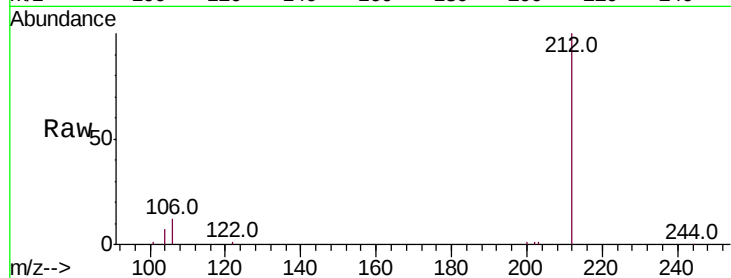
#25
 Fluoranthene-d10
 Concen: 0.295 ng
 RT: 19.13 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BN004871.D
 Acq: 22 Mar 2019 03:38

Instrument :
 BNA_N
 ClientSampleId :
 PST-026-B027-031819

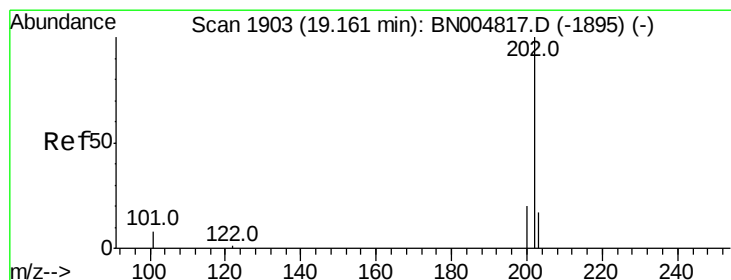
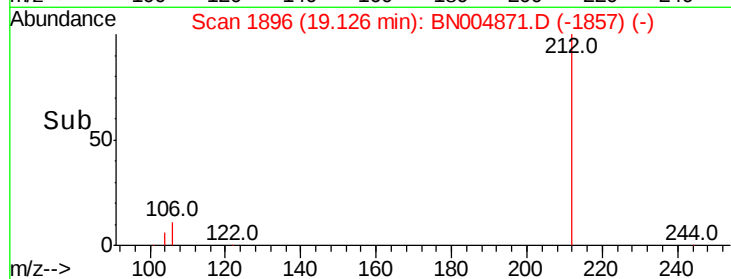
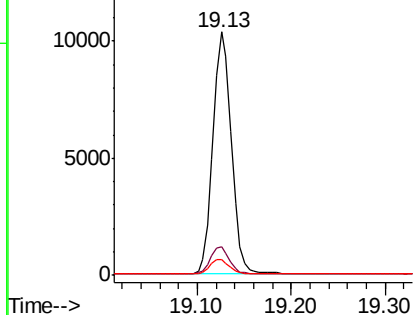
Tot Ion	Ratio	Lower	Upper
212	100		
106	11.2	8.6	13.0
104	6.2	4.7	7.1

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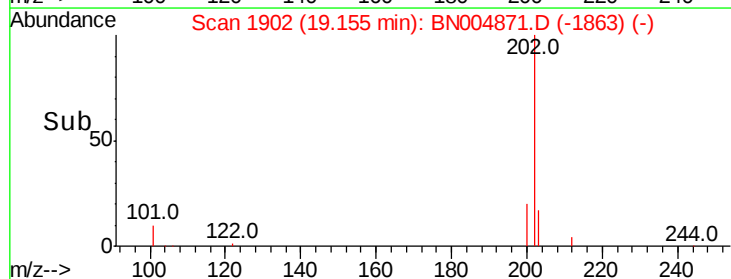
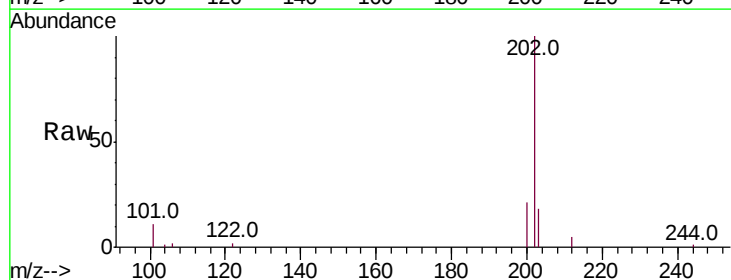
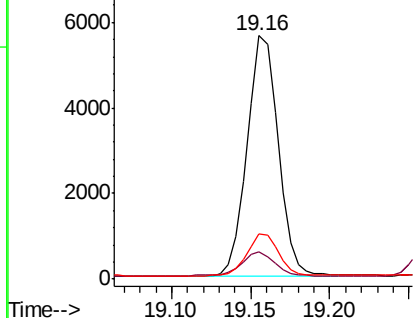
Abundance Ion 212.00 (211.70 to 212.70): E
 Ion 106.00 (105.70 to 106.70): E
 Ion 104.00 (103.70 to 104.70): E

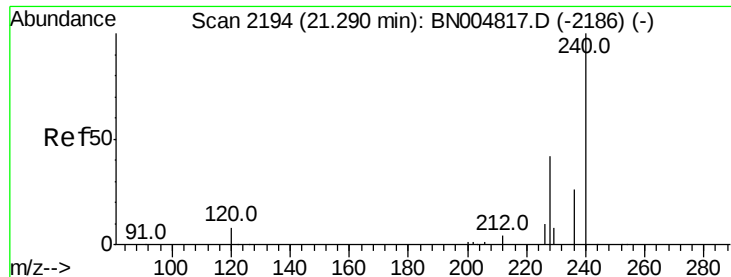


#26
 Fluoranthene
 Concen: 0.129 ng
 RT: 19.16 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: BN004871.D
 Acq: 22 Mar 2019 03:38

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	7.5	11.3
203	17.5	13.8	20.6

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





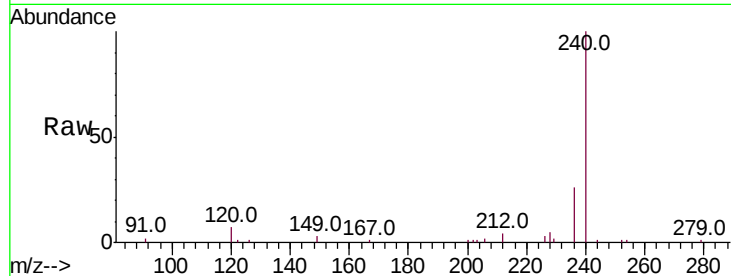
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.9	7.2	10.8#
236	25.5	20.9	31.3

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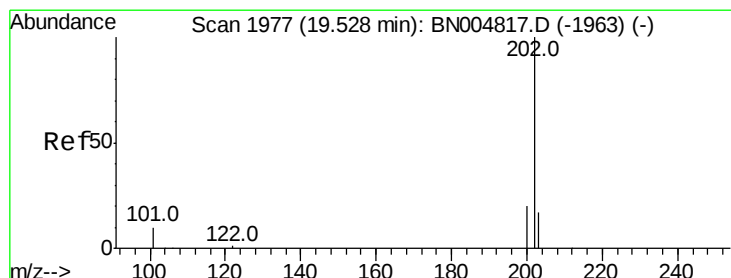
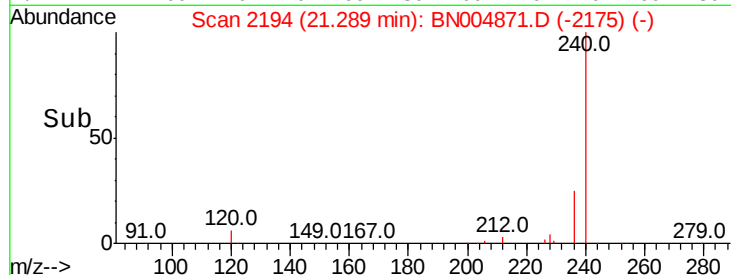
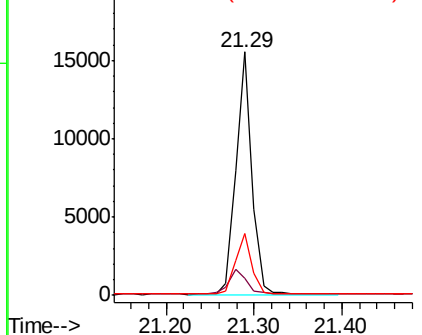


Abundance

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: 0.137 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

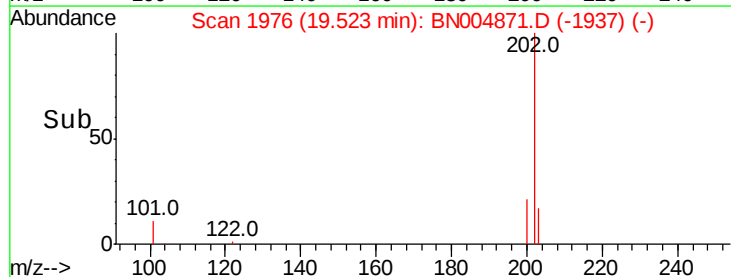
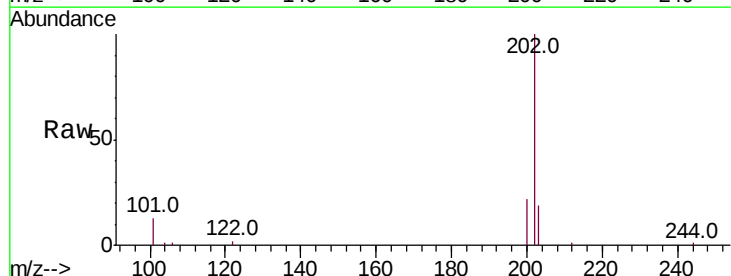
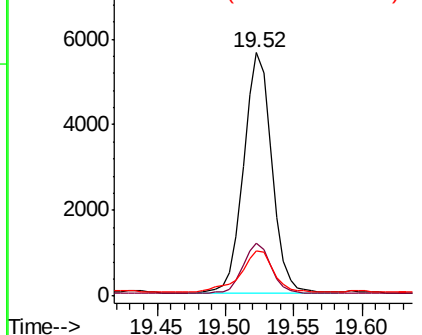
Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	20.0	14.0	21.0

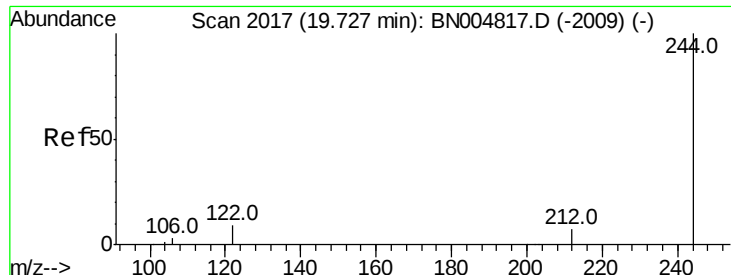
Abundance

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: 0.362 ng

RT: 19.72 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BN004871.D

Acq: 22 Mar 2019 03:38

Instrument :

BNA_N

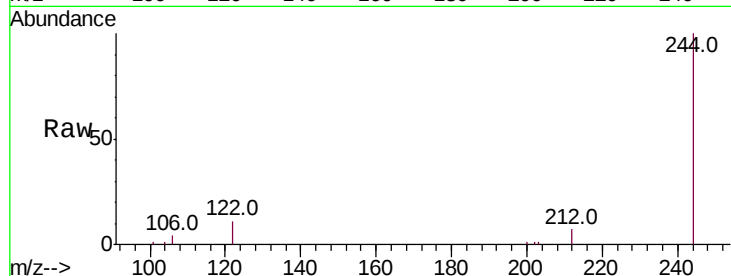
ClientSampleId :

PST-026-B027-031819

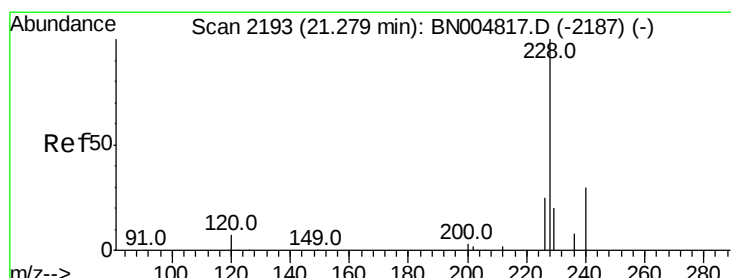
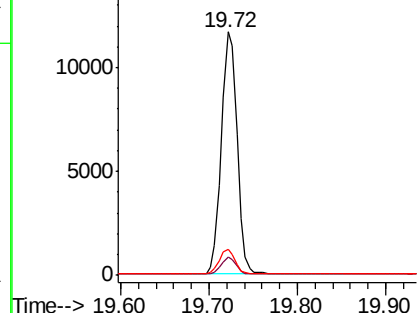
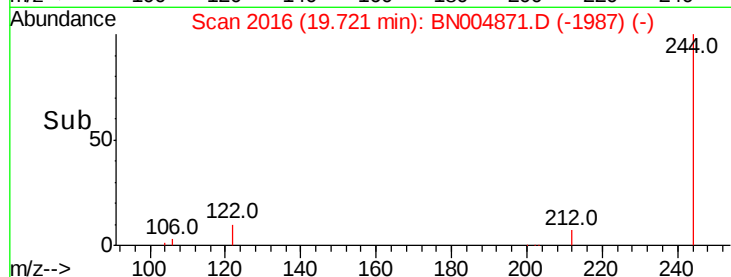
Tot Ion:	244	Resp:	14410
Ion Ratio	Lower	Upper	
244	100		
212	7.4	5.8	8.6
122	10.5	7.9	11.9

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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: 0.062 ng

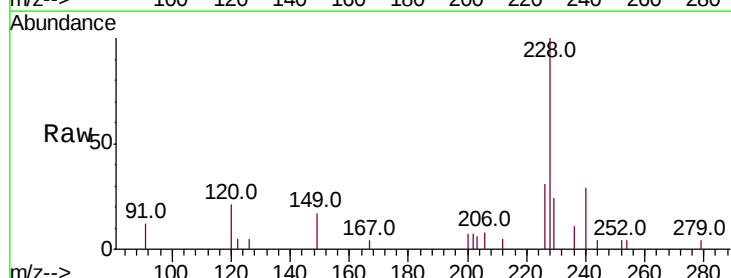
RT: 21.27 min Scan# 2192

Delta R.T. -0.01 min

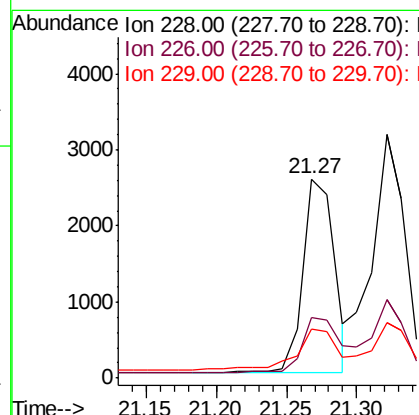
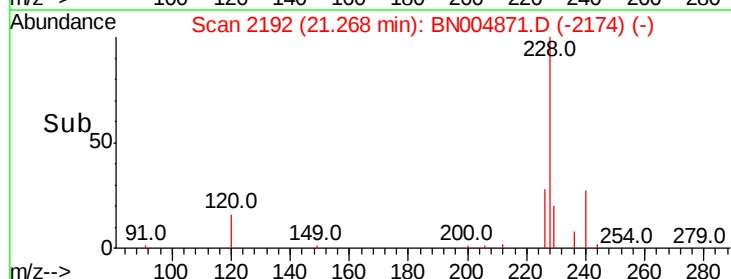
Lab File: BN004871.D

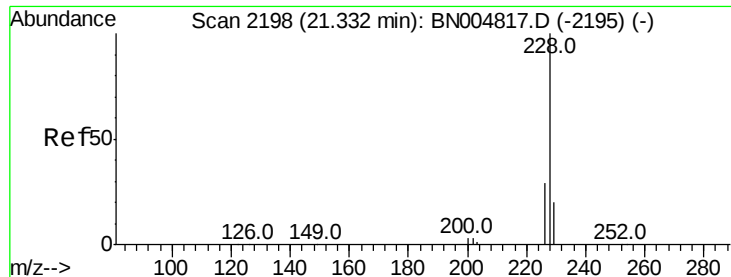
Acq: 22 Mar 2019 03:38

Tgt Ion:	228	Resp:	3937
Ion Ratio	Lower	Upper	
228	100		
226	30.7	20.6	31.0
229	24.4	16.2	24.4#



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: BN004871.D

Acq: 22 Mar 2019 03:38

Instrument :

BNA_N

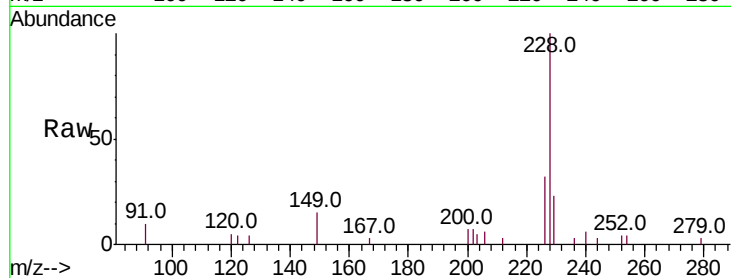
ClientSampleId :

PST-026-B027-031819

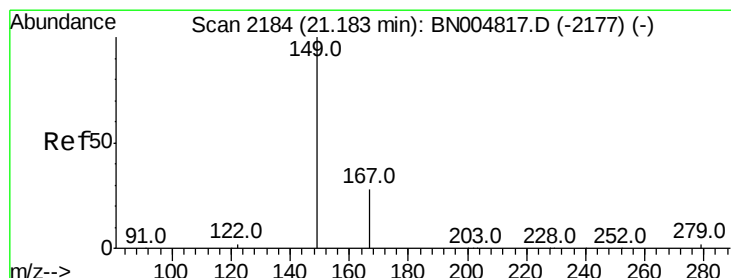
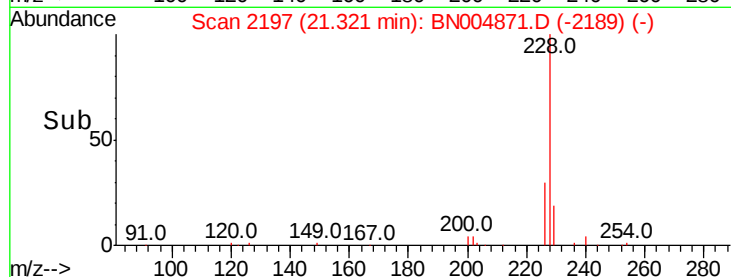
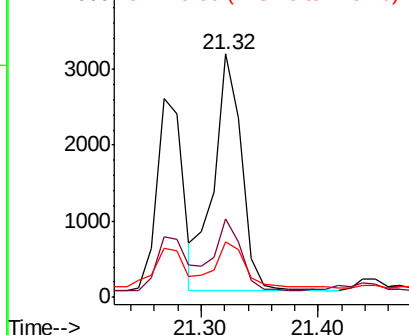
Tot Ion:228	Resp:	5113
Ion Ratio	Lower	Upper
228 100		
226 32.2	23.0	34.6
229 22.8	16.2	24.2

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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



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.082 ng

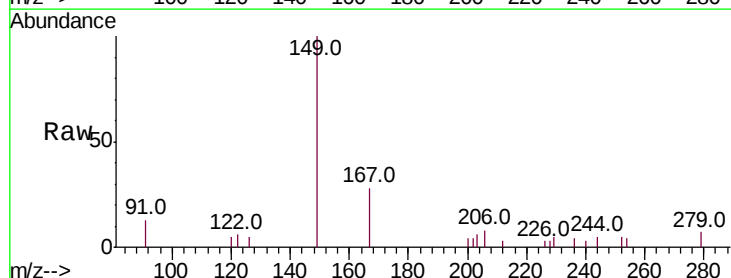
RT: 21.18 min Scan# 2184

Delta R.T. -0.00 min

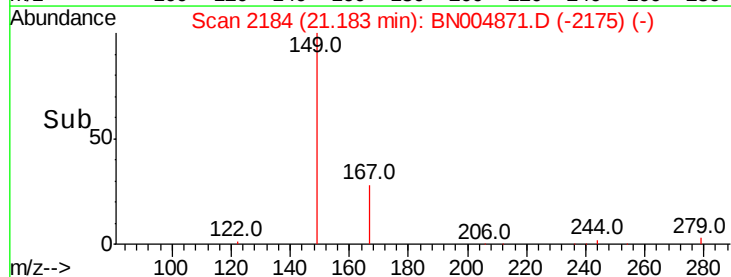
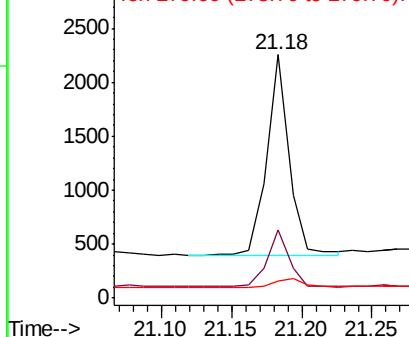
Lab File: BN004871.D

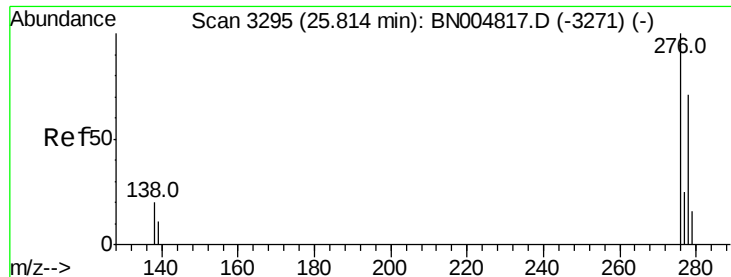
Acq: 22 Mar 2019 03:38

Tgt Ion:149	Resp:	2076
Ion Ratio	Lower	Upper
149 100		
167 27.8	23.0	34.4
279 6.4	4.6	6.8



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





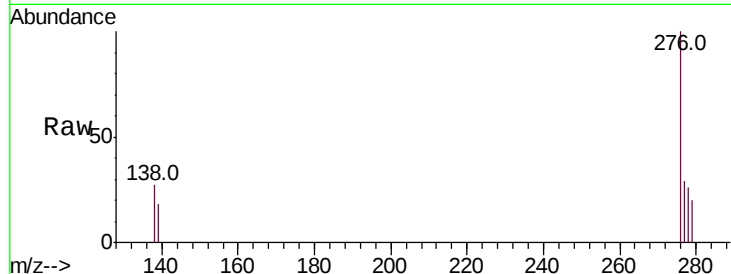
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.032 ng
RT: 25.82 min Scan# 3296
Delta R.T. 0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	16.6	24.8
277	24.1	20.3	30.5

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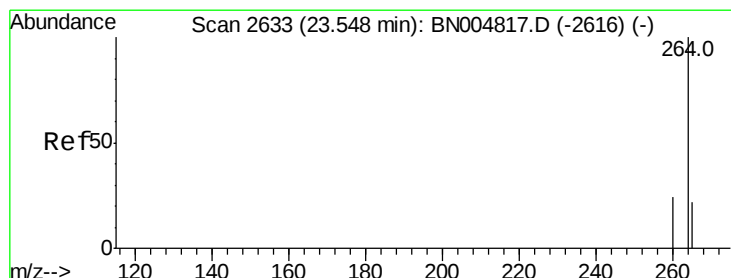
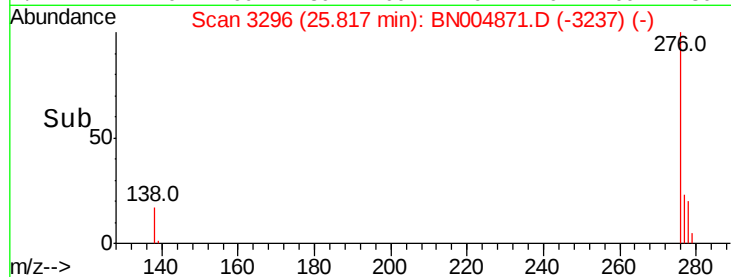
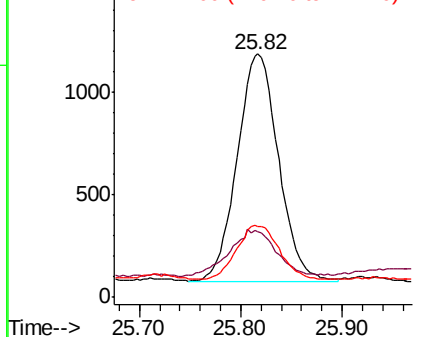


Abundance

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: 23.54 min Scan# 2631
Delta R.T. -0.01 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

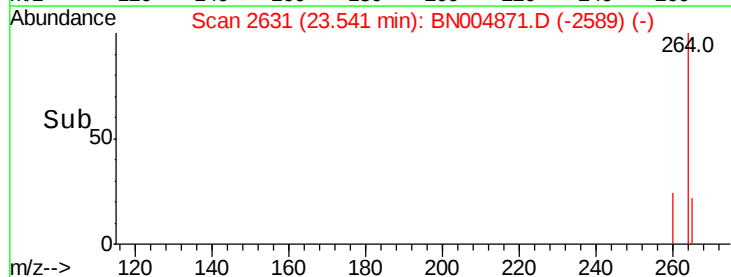
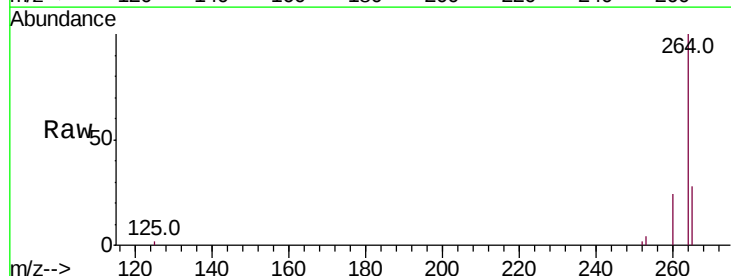
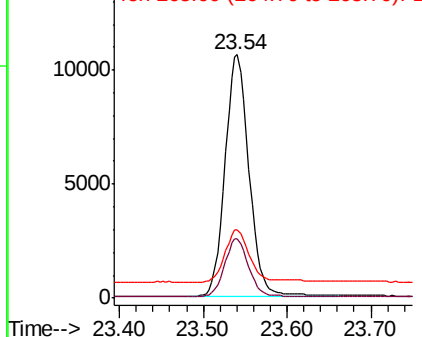
Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	28.1	23.1	34.7

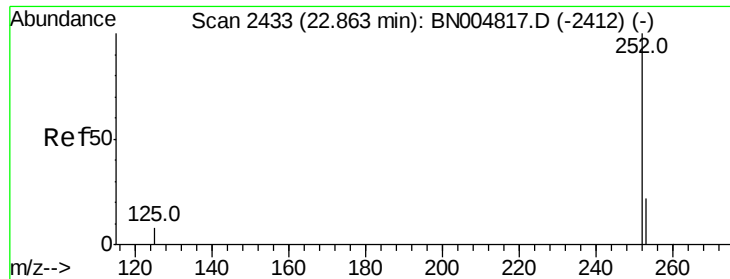
Abundance

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





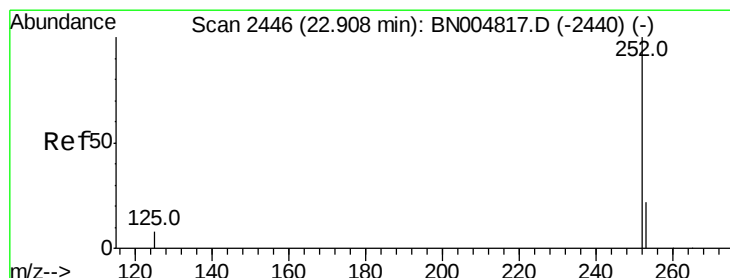
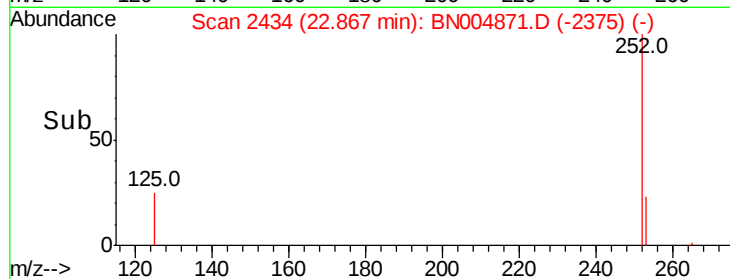
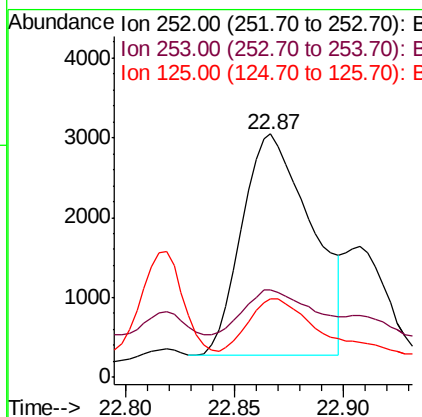
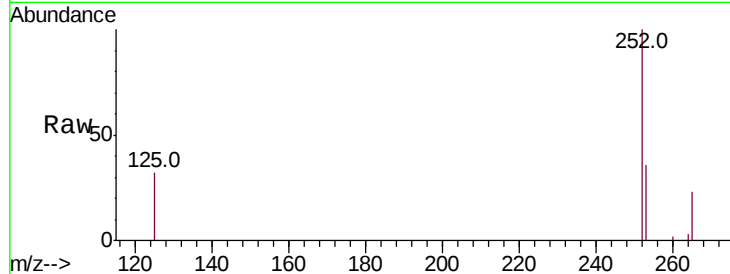
#35
Benzo(b)fluoranthene
Concen: 0.082 ng
RT: 22.87 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Tot Ion:252 Resp: 6170
Ion Ratio Lower Upper
252 100
253 35.8 19.0 28.4#
125 32.3 7.4 11.2#

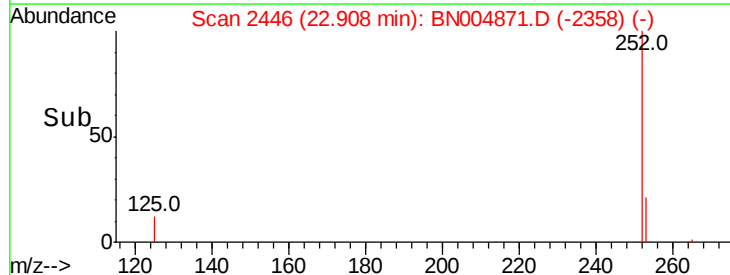
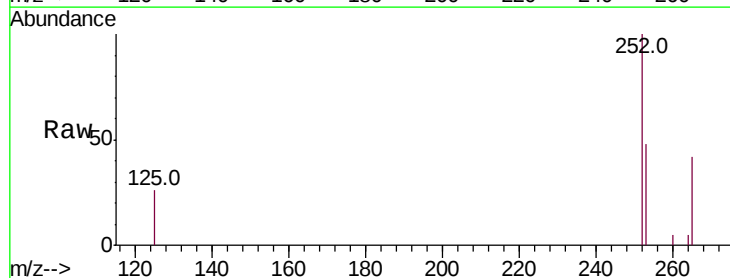
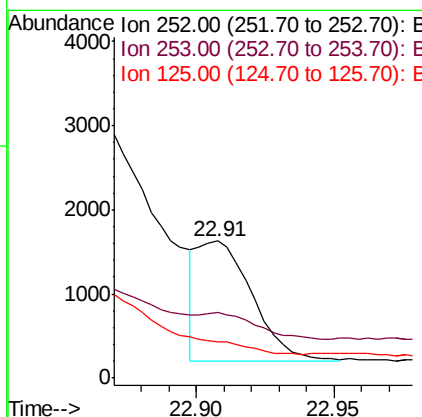
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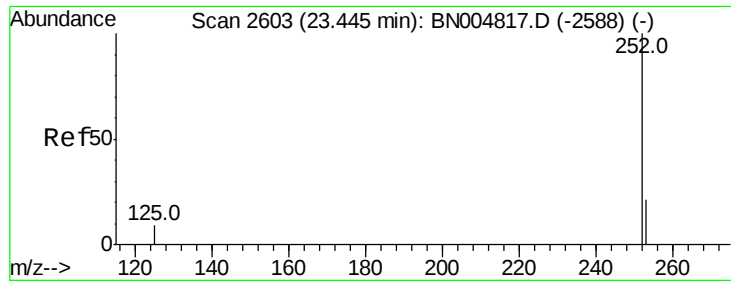
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#36
Benzo(k)fluoranthene
Concen: 0.027 ng m
RT: 22.91 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Tgt Ion:252 Resp: 1973
Ion Ratio Lower Upper
252 100
253 47.7 19.3 28.9#
125 26.5 7.4 11.0#





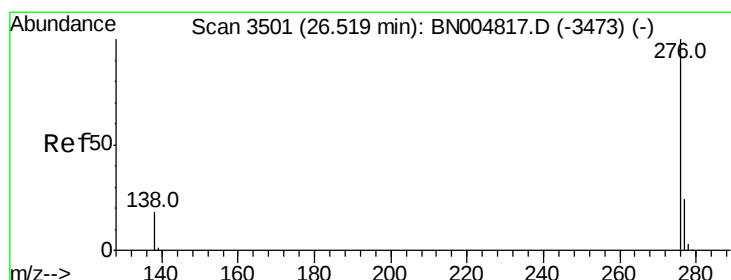
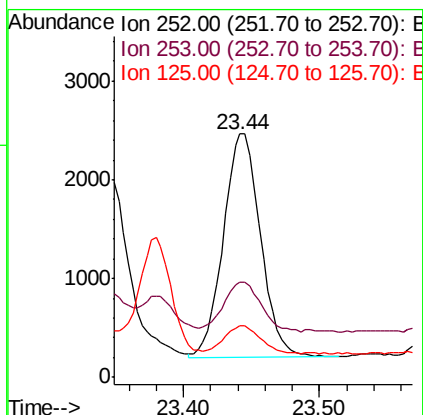
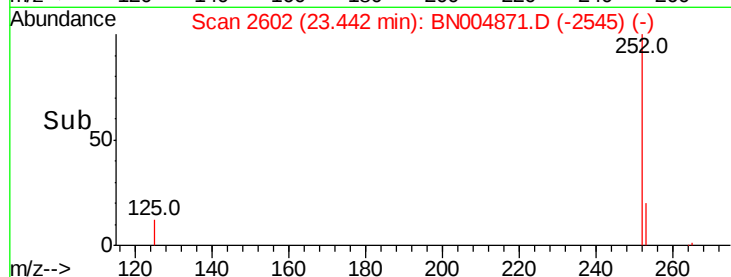
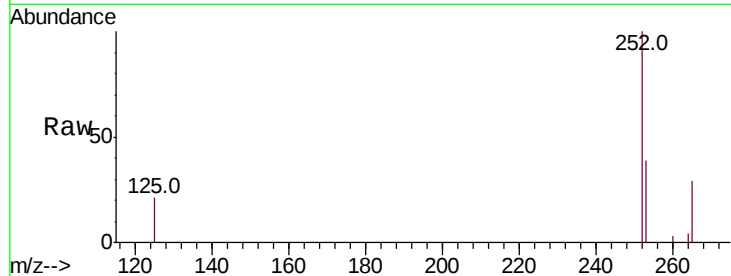
#37
Benzo(a)pyrene
Concen: 0.062 ng
RT: 23.44 min Scan# 2602
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Instrument :
BNA_N
ClientSampleId :
PST-026-B027-031819

Tot Ion	Ratio	Lower	Upper
252	100		
253	39.2	19.7	29.5#
125	21.4	8.3	12.5#

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#39
Benzo(g,h,i)perylene
Concen: 0.040 ng
RT: 26.52 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BN004871.D
Acq: 22 Mar 2019 03:38

Tgt Ion	Ratio	Lower	Upper
276	100		
277	31.1	19.7	29.5#
138	26.8	14.6	22.0#

