

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
 Data File : BN007080.D
 Acq On : 11 Aug 2019 11:01
 Operator : HP/JU
 Sample : K4143-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-006-SW126-073019

Manual Integrations
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mohammad
 8/14/2019 2:57:13 AM

Quant Time: Aug 12 07:11:52 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat Aug 10 21:44:50 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	9910	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	38100	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	21904	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	55024	0.40	ng	0.00
26) Chrysene-d12	21.04	240	55062	0.40	ng	-0.01
32) Perylene-d12	23.16	264	60048	0.40	ng	-0.01

System Monitoring Compounds

3) 2-Fluorophenol	5.06	112	4618	0.19	ng	0.00
4) Phenol-d6	6.61	99	6222	0.21	ng	0.00
7) Nitrobenzene-d5	8.56	82	4898	0.16	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	11499	0.16	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	1014	0.09	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	3885	0.12	ng	0.00
24) Fluoranthene-d10	18.87	212	29589	0.15	ng	0.00
28) Terphenyl-d14	19.49	244	22169	0.15	ng	0.00

Target Compounds

						Qvalue
15) Acenaphthylene	13.79	152	2855	0.025	ng	99
22) Phenanthrene	16.87	178	15253	0.092	ng	99
25) Fluoranthene	18.90	202	39638	0.188	ng	100
27) Pyrene	19.26	202	35484	0.184	ng	97
29) Benzo(a)anthracene	21.02	228	18304	0.091	ng	93
30) Chrysene	21.08	228	22401	0.115	ng	96
31) Indeno(1,2,3-cd)pyrene	25.23	276	13593	0.063	ng	98
33) Benzo(b)fluoranthene	22.54	252	29007	0.141	ng	# 94
34) Benzo(k)fluoranthene	22.58	252	10093m	0.050	ng	
35) Benzo(a)pyrene	23.07	252	17399	0.093	ng	# 92
37) Benzo(g,h,i)perylene	25.86	276	13983	0.073	ng	95

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

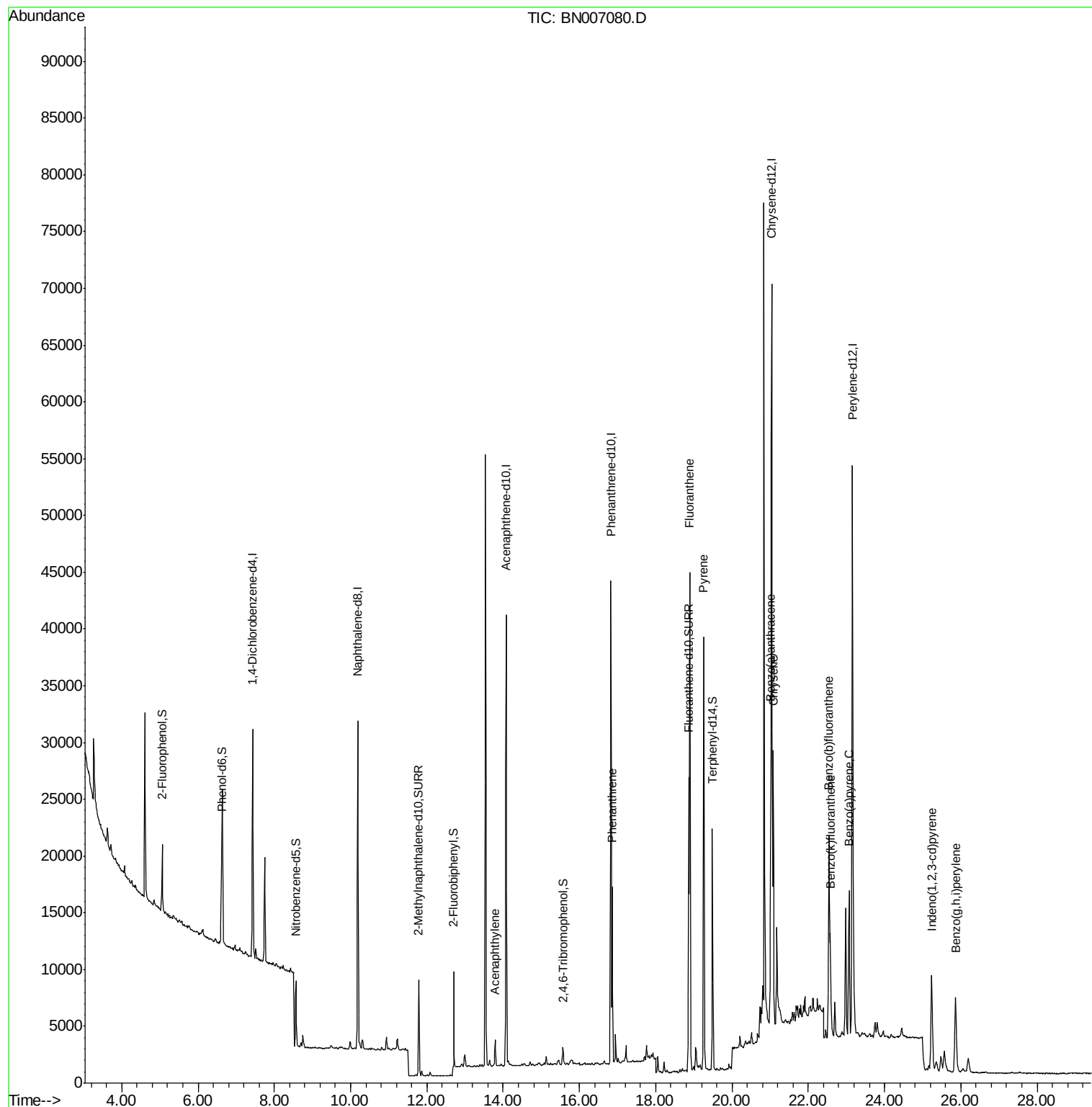
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
Data File : BN007080.D
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Misc :
ALS Vial : 27 Sample Multiplier: 1

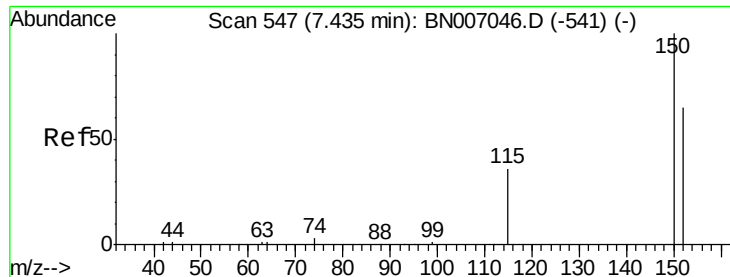
Instrument :
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PST-006-SW126-073019

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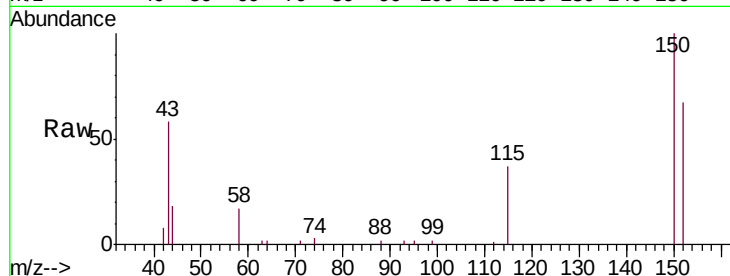




#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007080.D
Acq: 11 Aug 2019 11:01

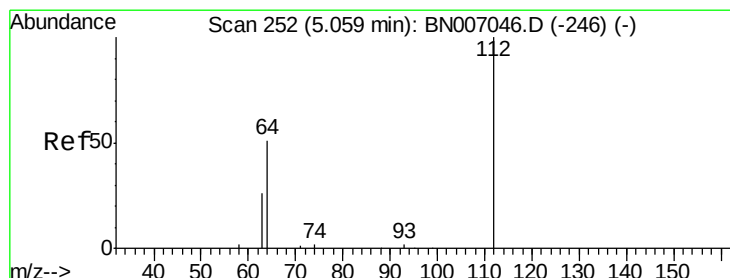
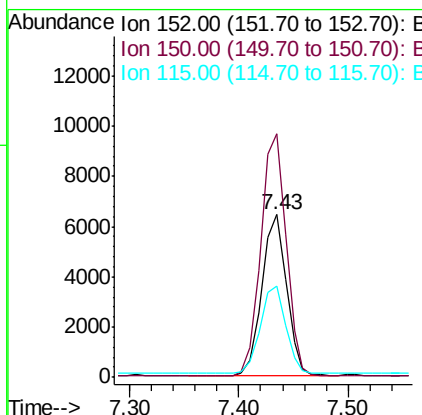
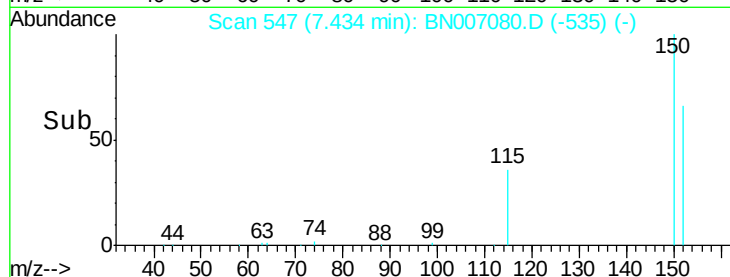
Instrument :
BNA_N
ClientSampleId :
PST-006-SW126-073019



Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.8	121.7	182.5
115	56.1	46.2	69.4

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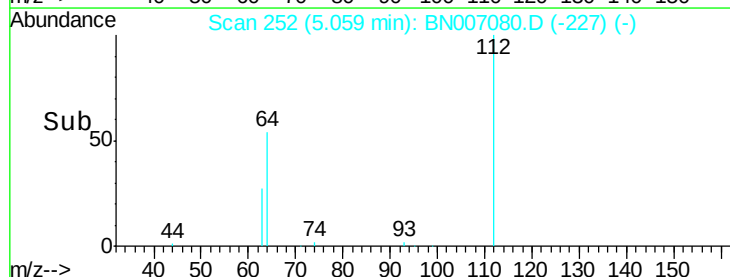
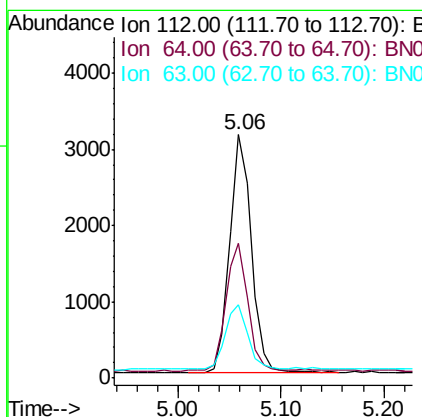
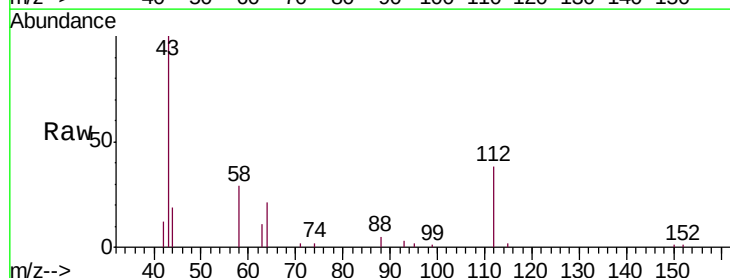
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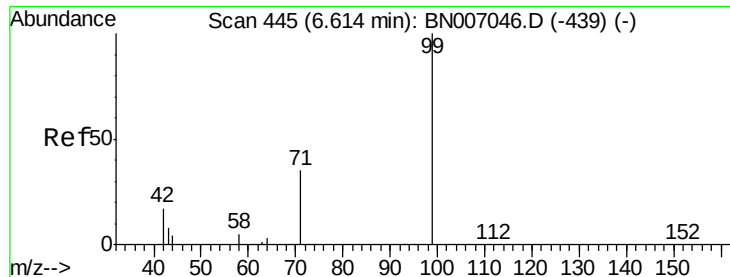


#3

2-Fluorophenol
Concen: 0.194 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007080.D
Acq: 11 Aug 2019 11:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	42.6	63.8
63	27.7	22.2	33.2





#4

Phenol-d6

Concen: 0.211 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007080.D

Acq: 11 Aug 2019 11:01

Instrument :

BNA_N

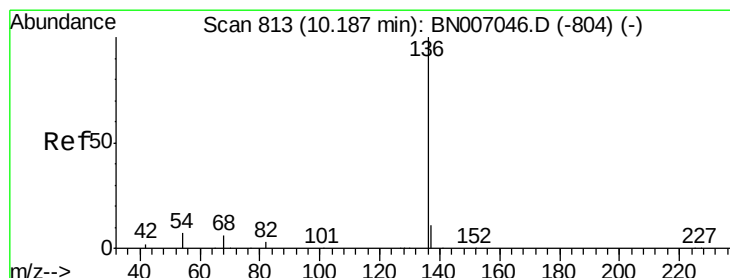
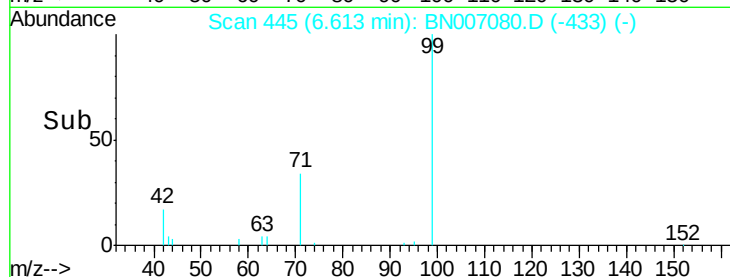
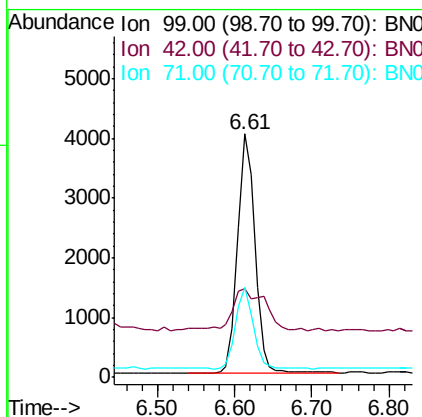
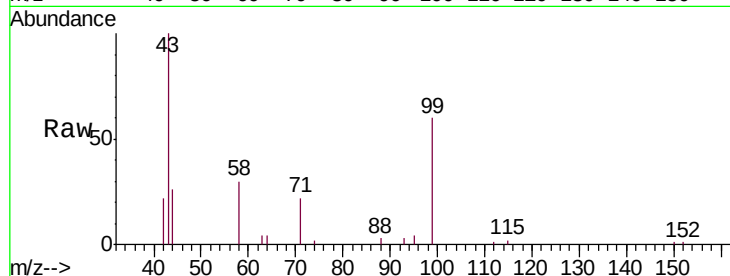
ClientSampleId :

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Tgt Ion:	99	Resp:	6222
Ion Ratio	Lower	Upper	
99	100		
42	32.1	15.8	23.6#
71	34.4	27.0	40.4

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#6

Naphthalene-d8

Concen: 0.400 ng

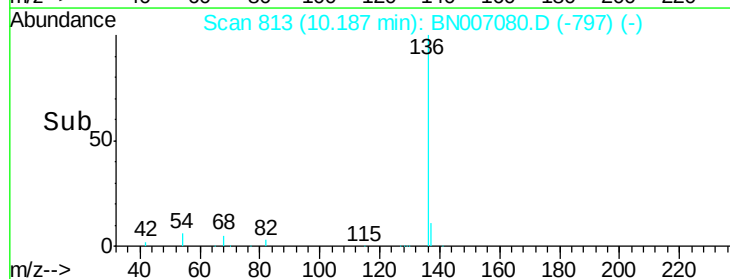
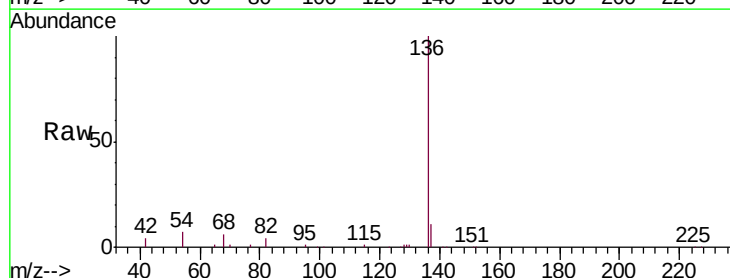
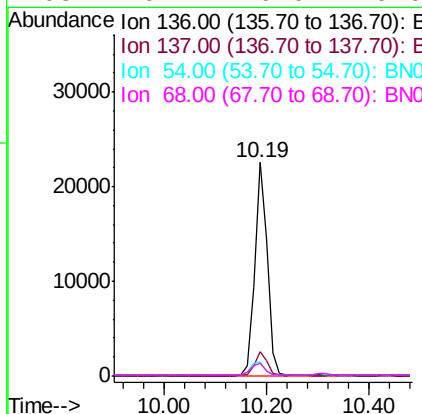
RT: 10.19 min Scan# 813

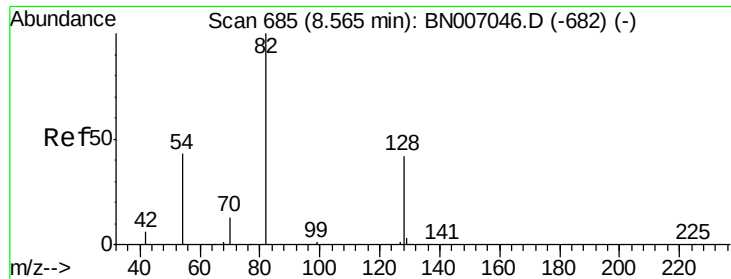
Delta R.T. -0.00 min

Lab File: BN007080.D

Acq: 11 Aug 2019 11:01

Tgt Ion:	136	Resp:	38100
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.4	14.0
54	6.7	6.6	9.8
68	6.1	6.0	9.0





#7

Nitrobenzene-d5

Concen: 0.159 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007080.D

Acq: 11 Aug 2019 11:01

Instrument :

BNA_N

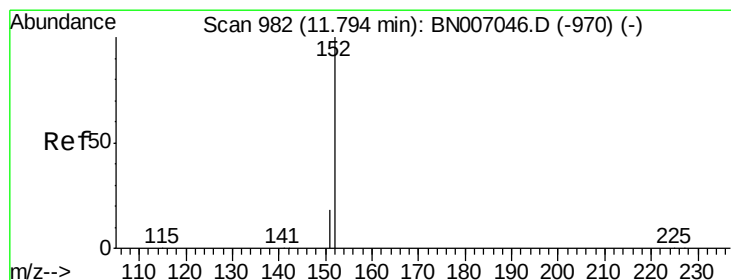
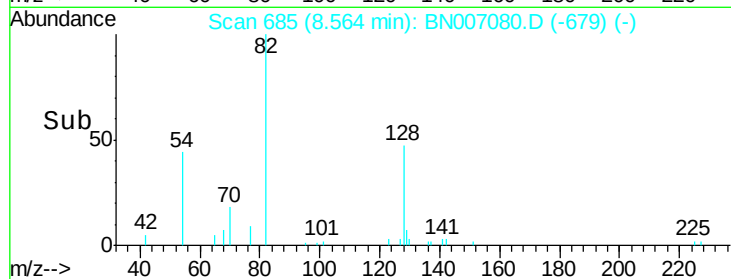
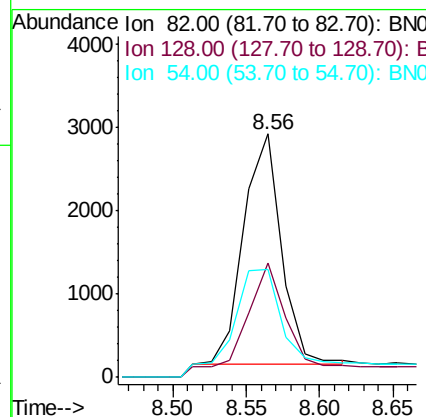
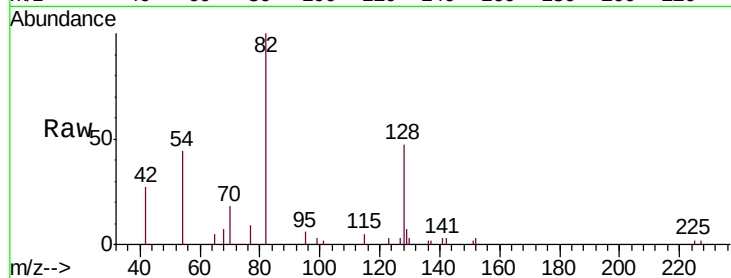
ClientSampleId :

PST-006-SW126-073019

Tgt Ion:	82	Resp:	4898
Ion Ratio	Lower	Upper	
82	100		
128	47.0	34.6	51.8
54	44.5	36.2	54.4

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#10

2-Methylnaphthalene-d10

Concen: 0.162 ng

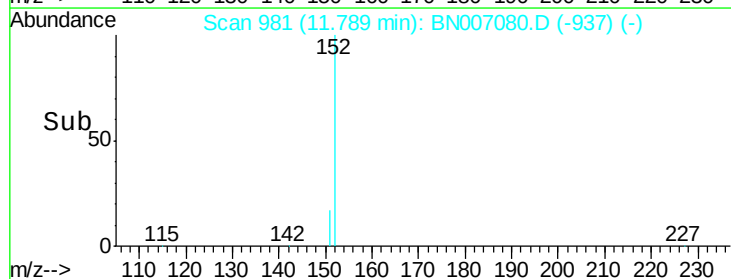
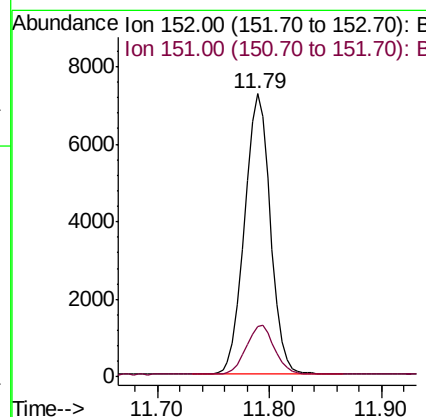
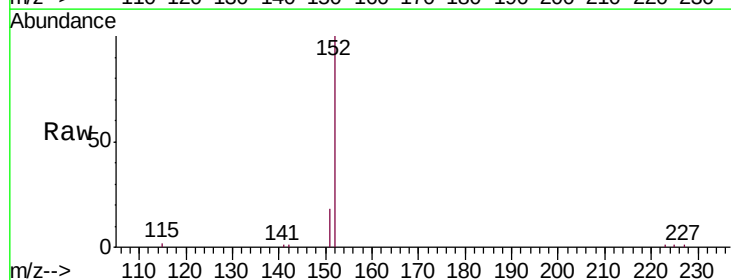
RT: 11.79 min Scan# 981

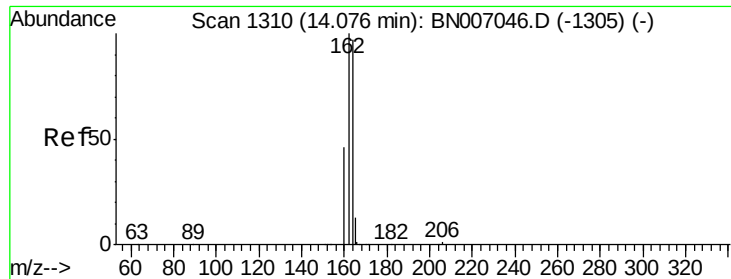
Delta R.T. -0.00 min

Lab File: BN007080.D

Acq: 11 Aug 2019 11:01

Tgt Ion:	152	Resp:	11499
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.5	23.3





#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007080.D

Acq: 11 Aug 2019 11:01

Instrument :

BNA_N

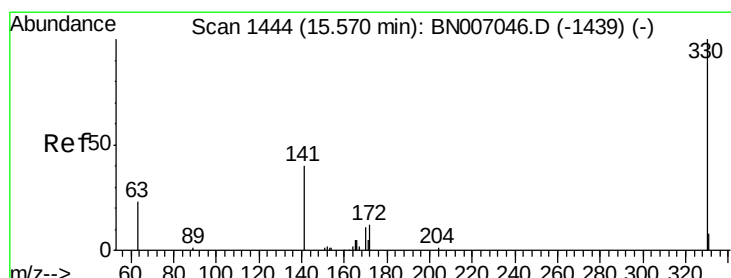
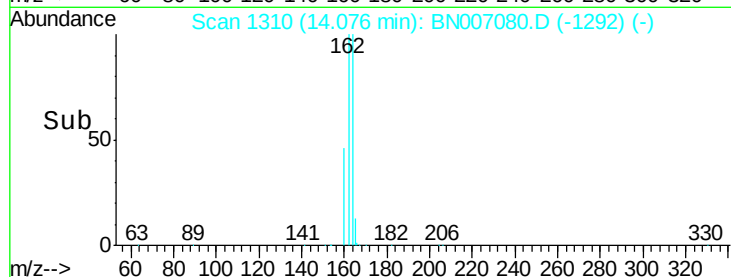
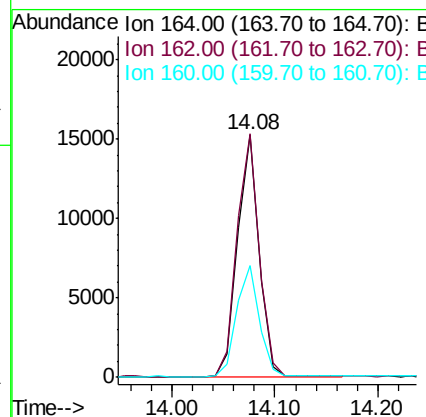
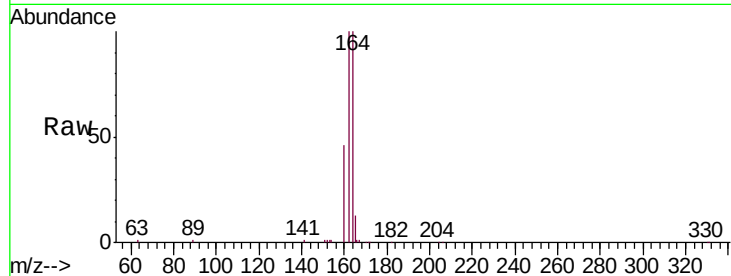
ClientSampleId :

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Tgt Ion:	164	Resp:	21904
Ion Ratio	Lower	Upper	
164	100		
162	100.4	82.2	123.4
160	46.1	38.3	57.5

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#13

2,4,6-Tribromophenol

Concen: 0.086 ng

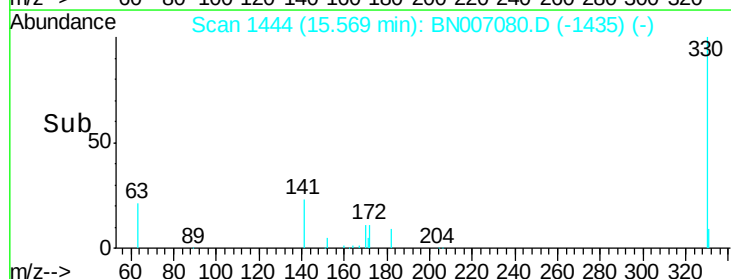
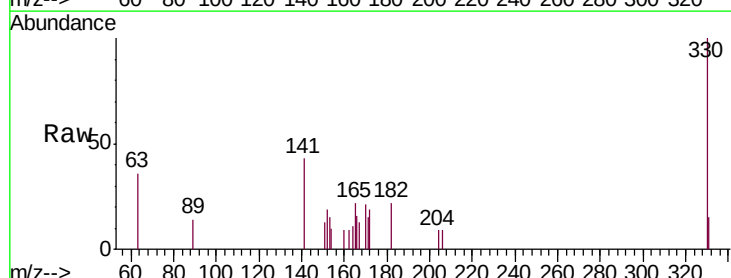
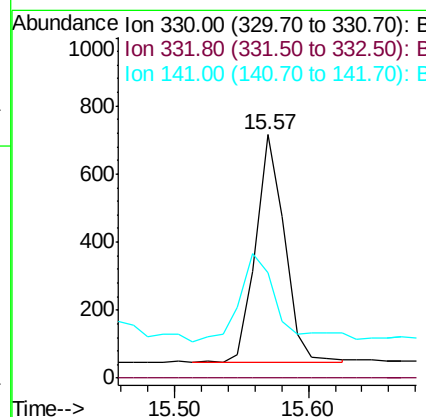
RT: 15.57 min Scan# 1444

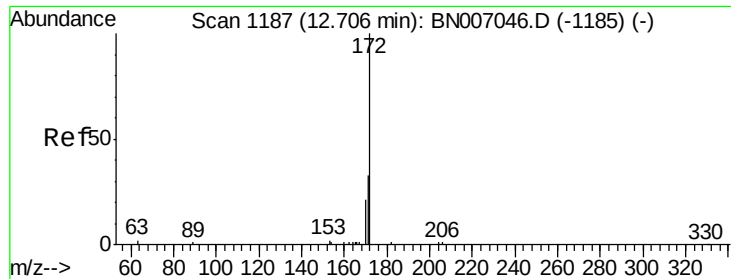
Delta R.T. -0.00 min

Lab File: BN007080.D

Acq: 11 Aug 2019 11:01

Tgt Ion:	330	Resp:	1014
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	48.8	33.6	50.4





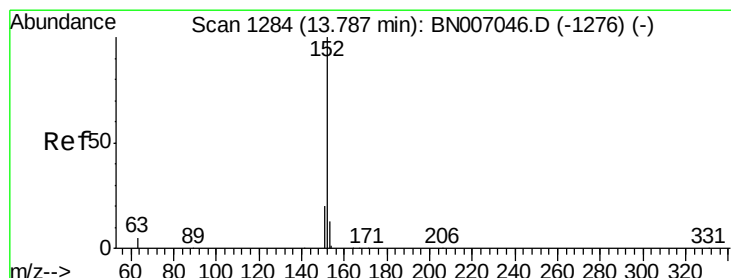
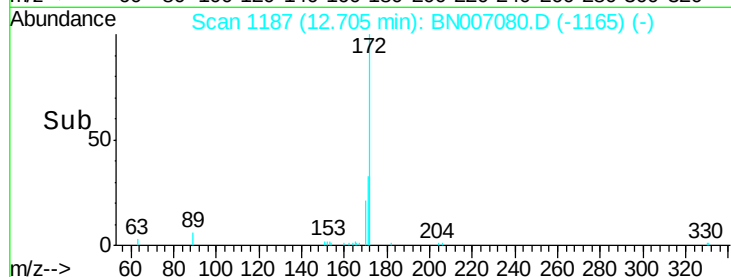
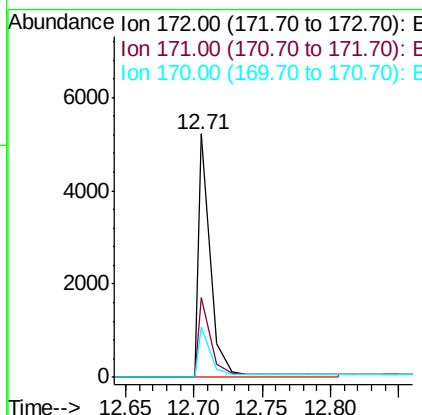
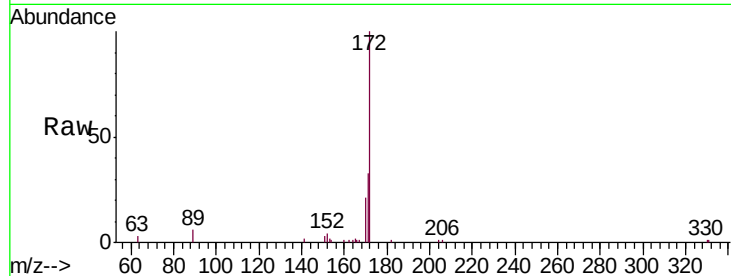
#14
2-Fluorobiphenyl
Concen: 0.122 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007080.D
Acq: 11 Aug 2019 11:01

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.8	26.3	39.5
170	20.7	17.0	25.4

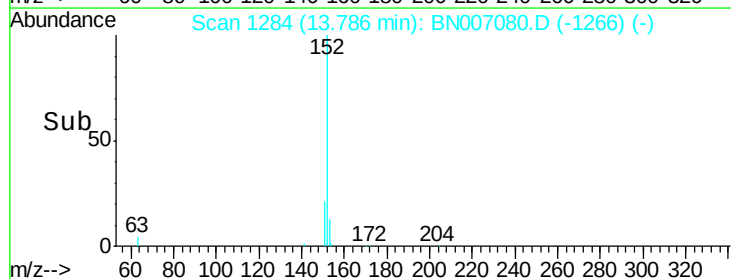
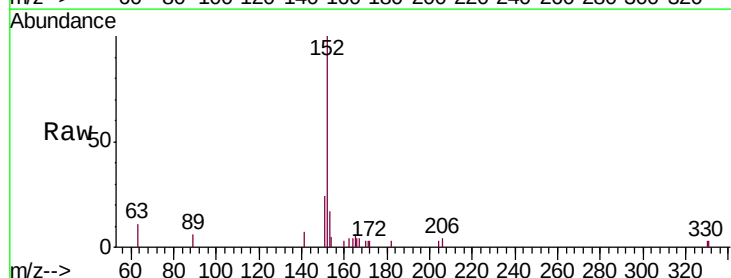
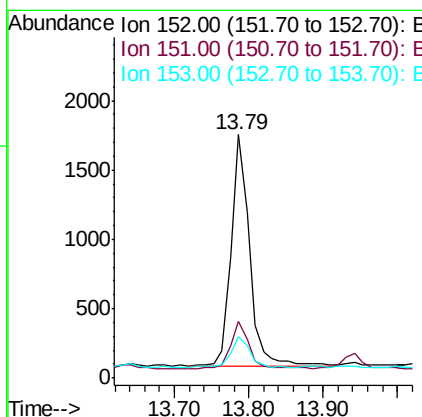
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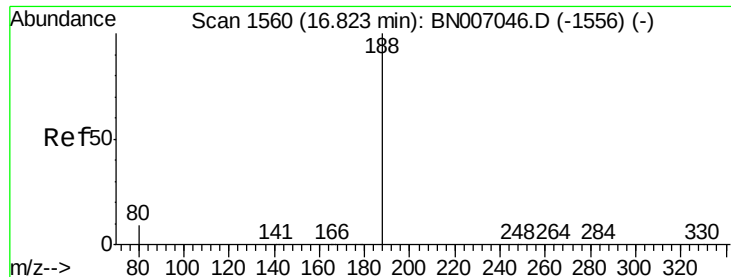
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#15
Acenaphthylene
Concen: 0.025 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007080.D
Acq: 11 Aug 2019 11:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.8	23.6
153	12.8	10.4	15.6





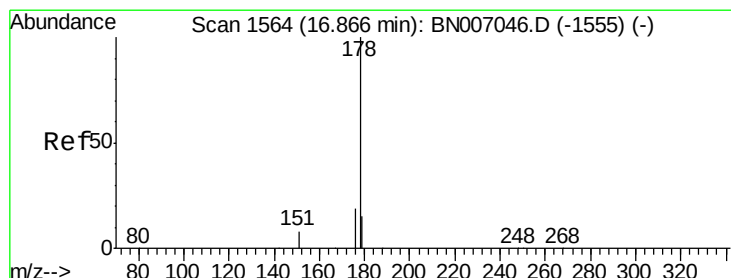
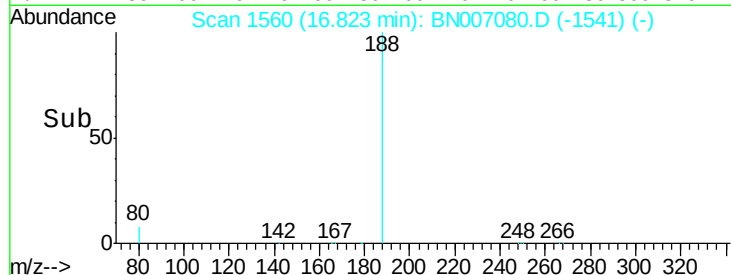
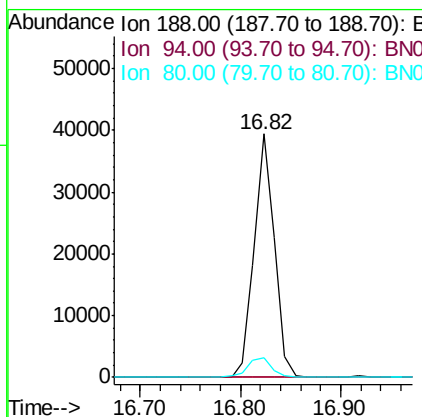
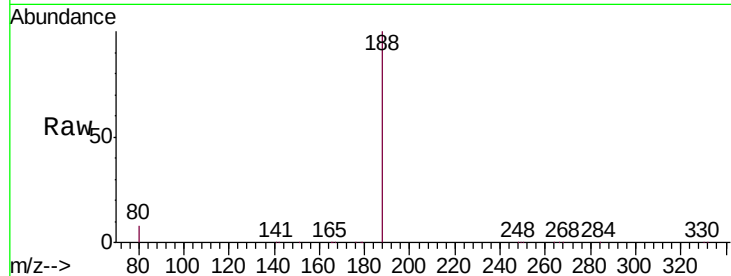
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007080.D
Acq: 11 Aug 2019 11:01

Instrument :
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Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	0.0	0.0
80	8.0	7.8	11.6

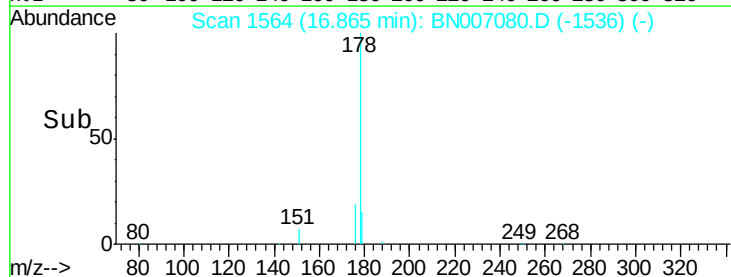
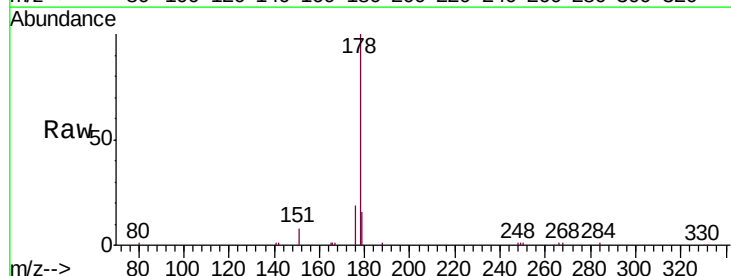
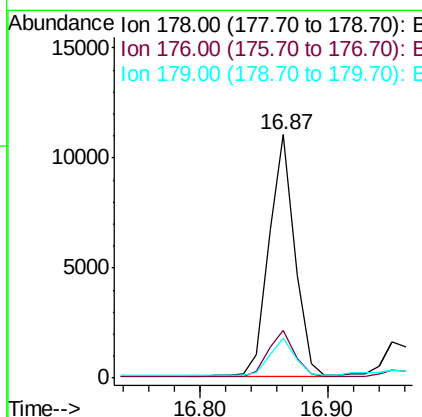
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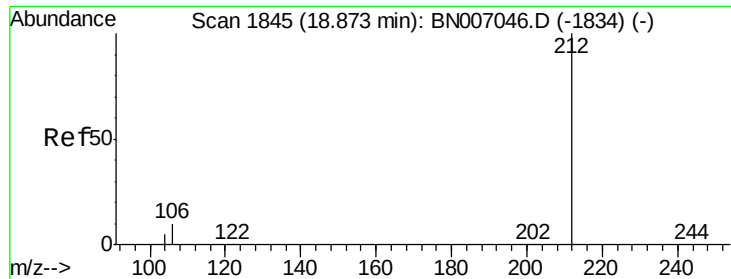
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#22
Phenanthrene
Concen: 0.092 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007080.D
Acq: 11 Aug 2019 11:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	19.1	15.2	22.8
179	15.8	12.3	18.5





#24

Fluoranthene-d10

Concen: 0.152 ng

RT: 18.87 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BN007080.D

Acq: 11 Aug 2019 11:01

Instrument :

BNA_N

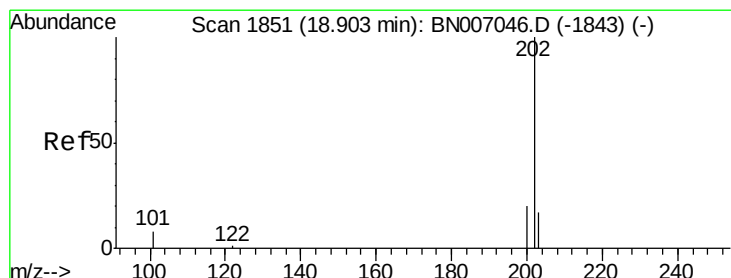
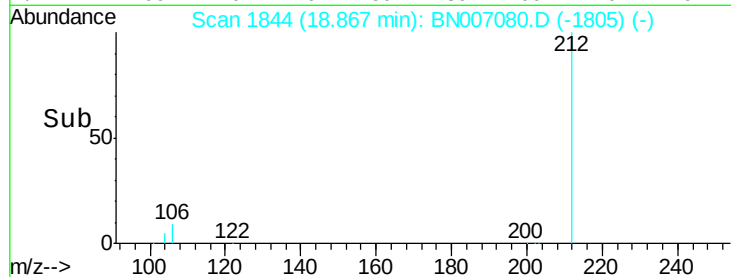
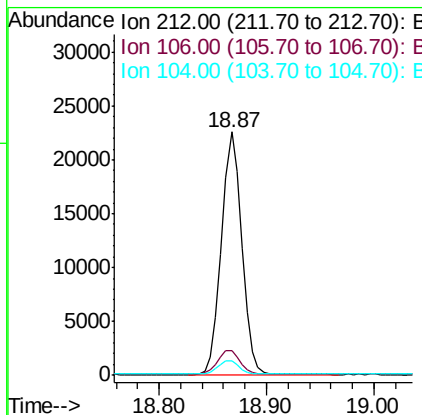
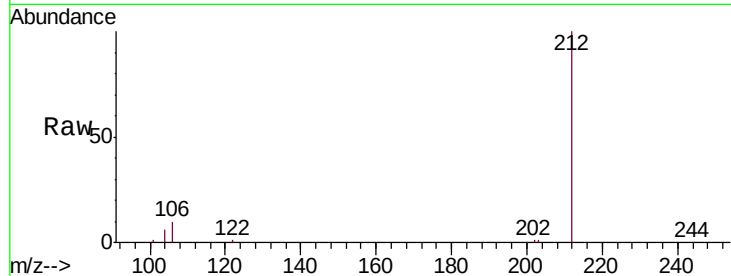
ClientSampleId :

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Tgt Ion:	212	Resp:	29589
Ion Ratio	Lower	Upper	
212	100		
106	10.3	8.2	12.2
104	5.7	4.5	6.7

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#25

Fluoranthene

Concen: 0.188 ng

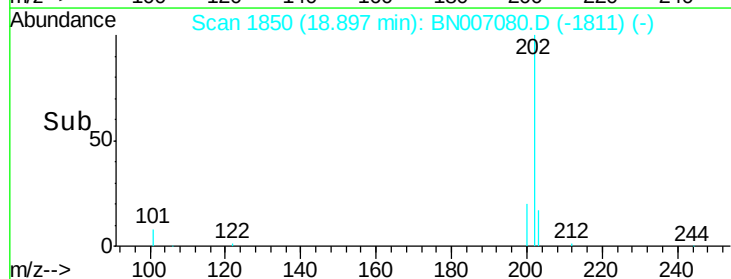
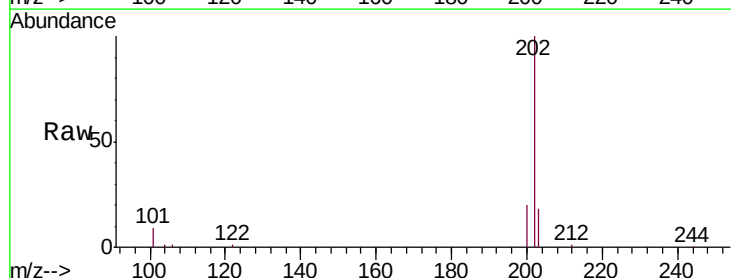
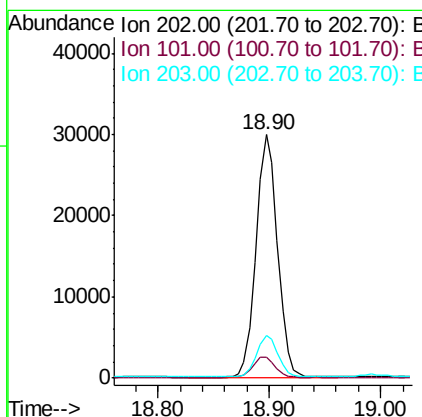
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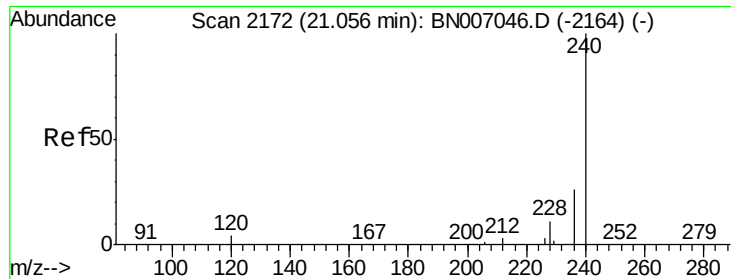
Delta R.T. -0.01 min

Lab File: BN007080.D

Acq: 11 Aug 2019 11:01

Tgt Ion:	202	Resp:	39638
Ion Ratio	Lower	Upper	
202	100		
101	8.6	7.0	10.4
203	17.2	13.8	20.8





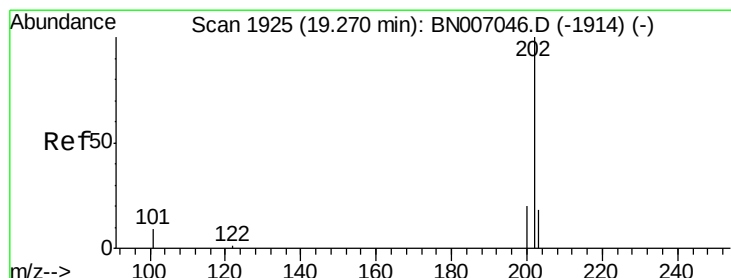
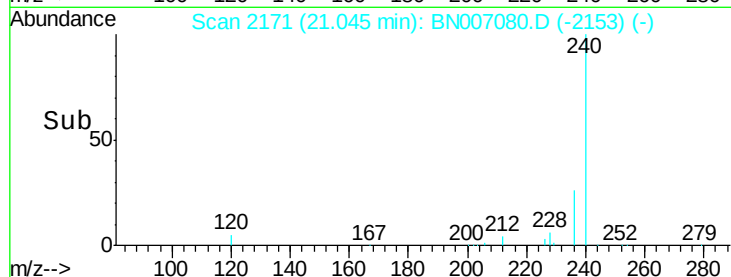
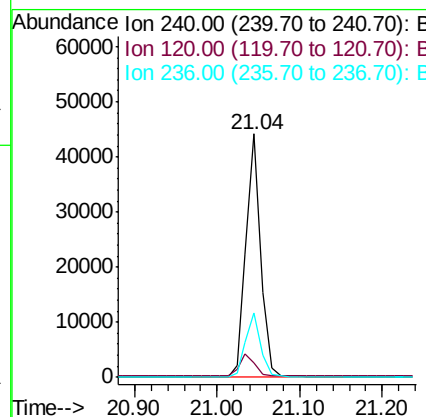
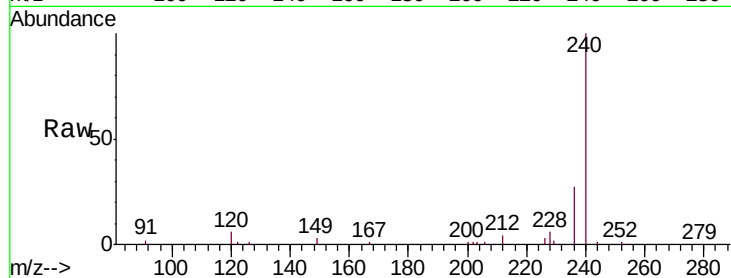
#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.04 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007080.D
Acq: 11 Aug 2019 11:01

Instrument :
BNA_N
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	4.0	6.0#
236	26.7	21.3	31.9

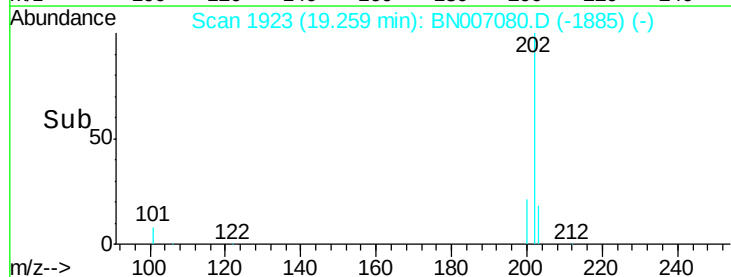
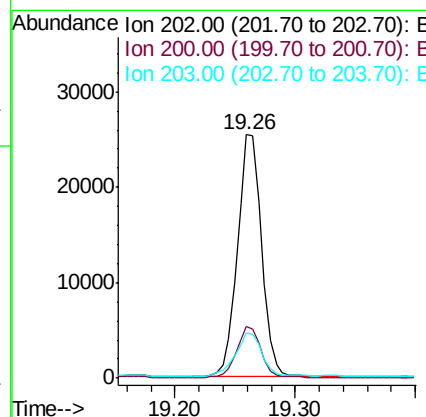
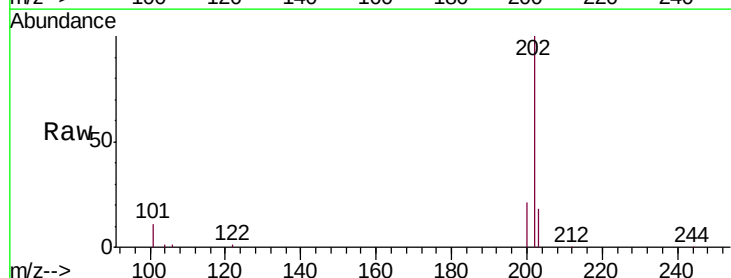
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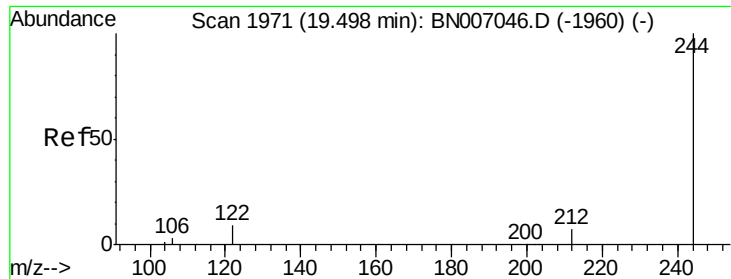
mohammad
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#27
Pyrene
Concen: 0.184 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN007080.D
Acq: 11 Aug 2019 11:01

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.6	24.8
203	20.2	14.0	21.0





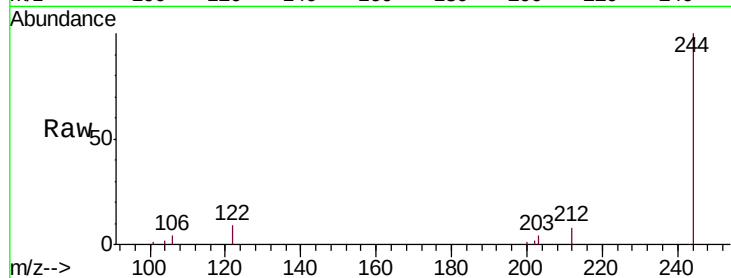
#28
 Terphenyl-d14
 Concen: 0.148 ng
 RT: 19.49 min Scan# 1970
 Delta R.T. -0.01 min
 Lab File: BN007080.D
 Acq: 11 Aug 2019 11:01

Instrument :
 BNA_N
 ClientSampleId :
 PST-006-SW126-073019

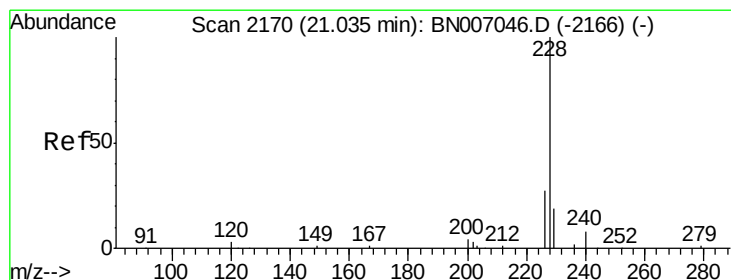
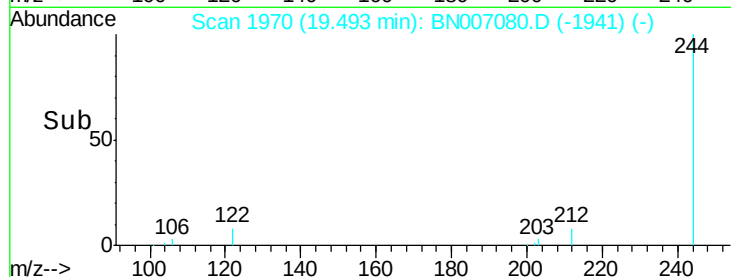
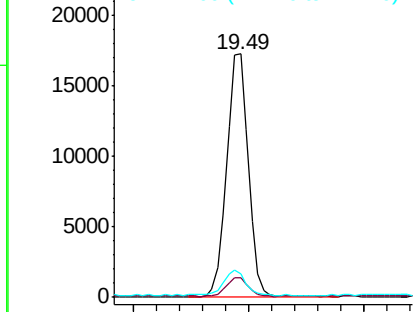
Tgt Ion	Ratio	Resp	Lower	Upper
244	100	22169		
212	8.0		6.2	9.2
122	9.4		7.4	11.2

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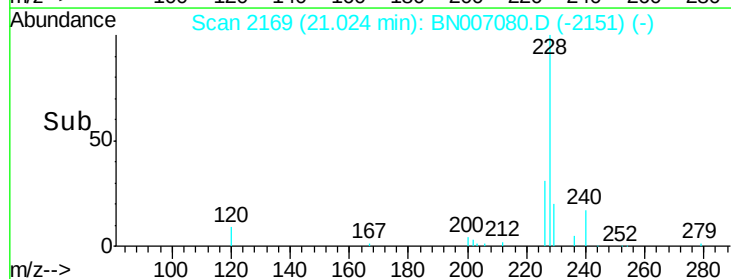
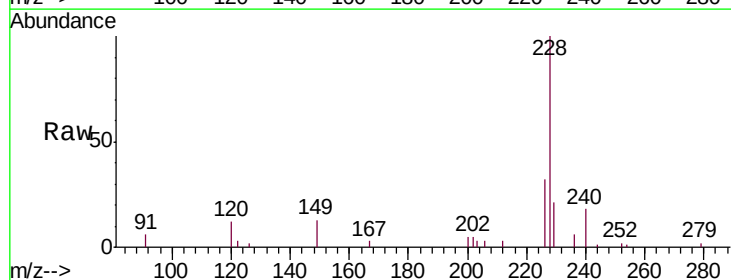
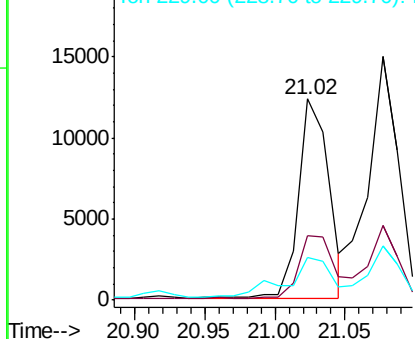
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

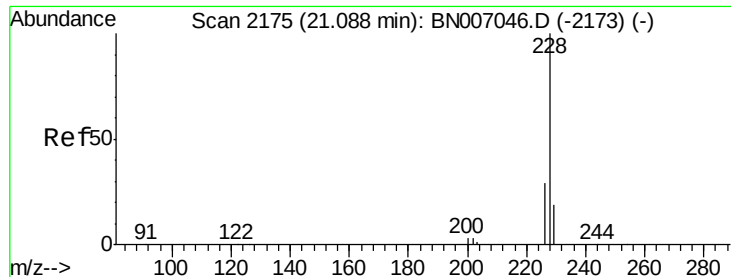


#29
 Benzo(a)anthracene
 Concen: 0.091 ng
 RT: 21.02 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BN007080.D
 Acq: 11 Aug 2019 11:01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	18304		
226	31.8		21.8	32.6
229	21.2		15.6	23.4

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





#30

Chrysene

Concen: 0.115 ng

RT: 21.08 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BN007080.D

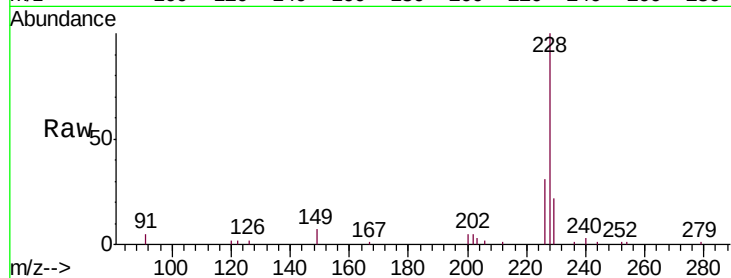
Acq: 11 Aug 2019 11:01

Instrument :

BNA_N

ClientSampleId :

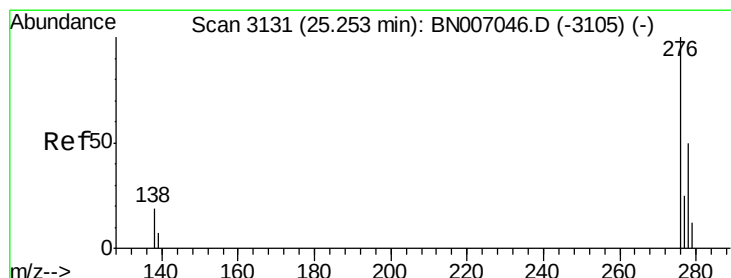
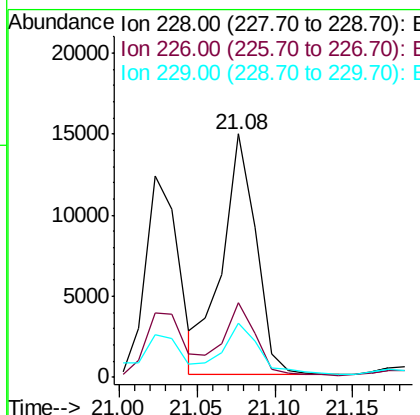
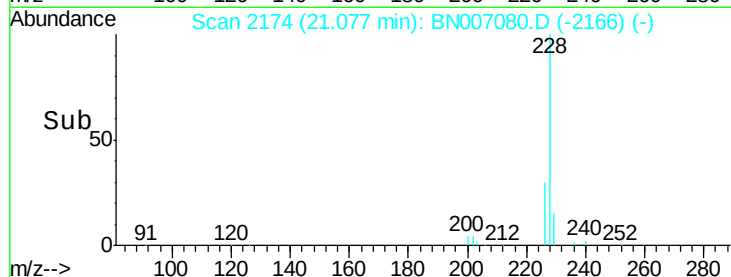
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Tgt Ion:	228	Resp:	22401
Ion Ratio	Lower	Upper	
228	100		
226	30.8	23.8	35.6
229	22.3	15.7	23.5

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#31

Indeno(1,2,3-cd)pyrene

Concen: 0.063 ng

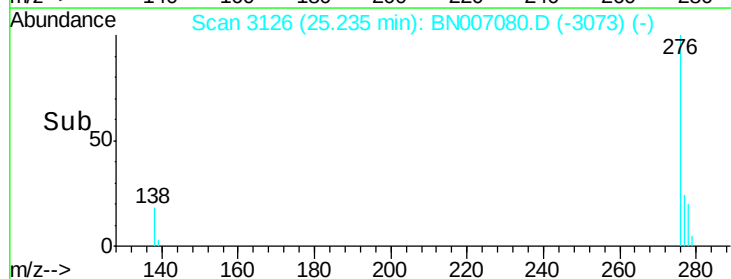
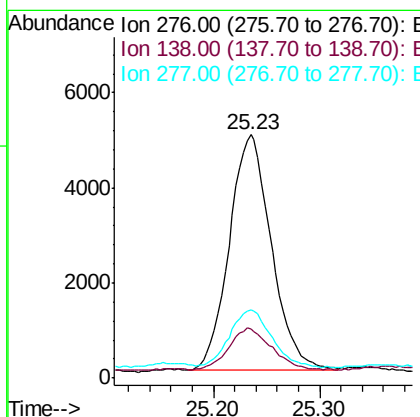
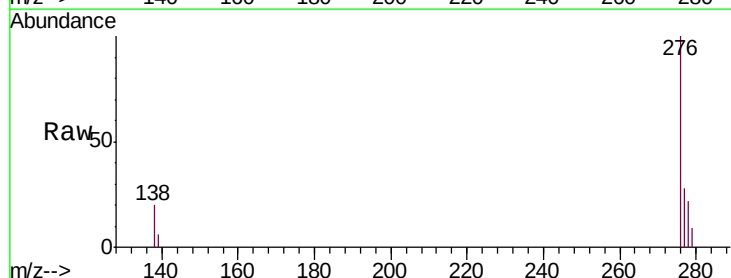
RT: 25.23 min Scan# 3126

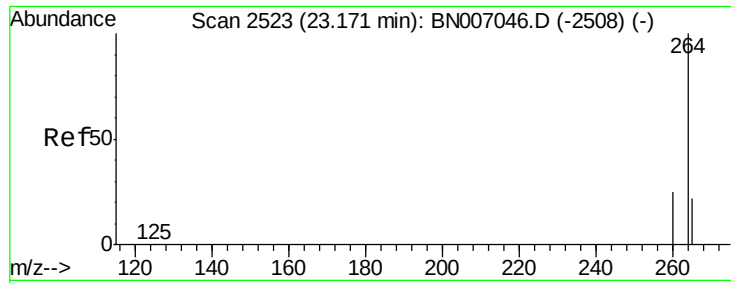
Delta R.T. -0.02 min

Lab File: BN007080.D

Acq: 11 Aug 2019 11:01

Tgt Ion:	276	Resp:	13593
Ion Ratio	Lower	Upper	
276	100		
138	17.6	16.0	24.0
277	25.0	19.9	29.9





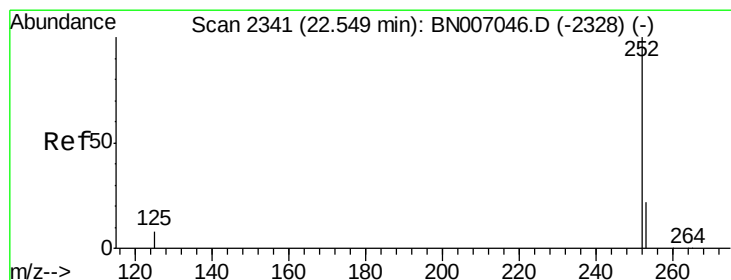
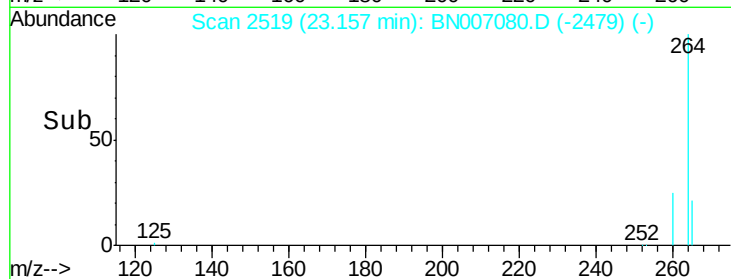
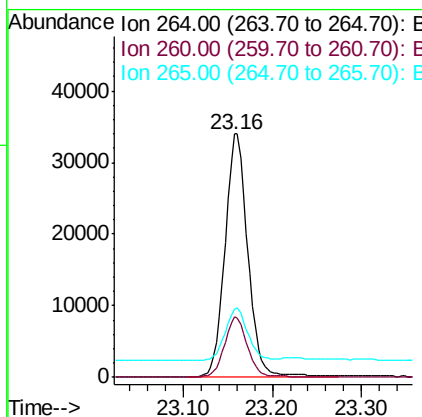
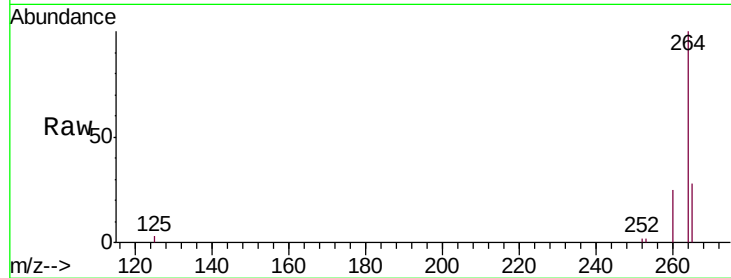
#32
Perylene-d12
 Concen: 0.400 ng
 RT: 23.16 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BN007080.D
 Acq: 11 Aug 2019 11:01

Instrument :
 BNA_N
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.8
265	28.1	26.2	39.4

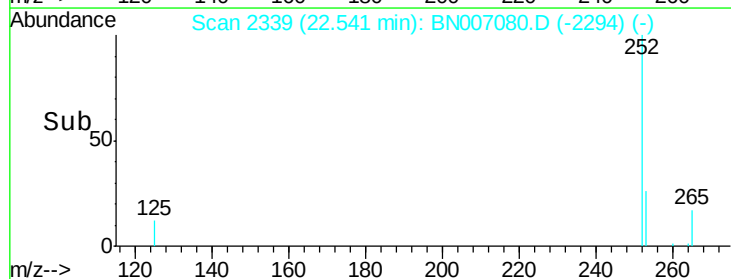
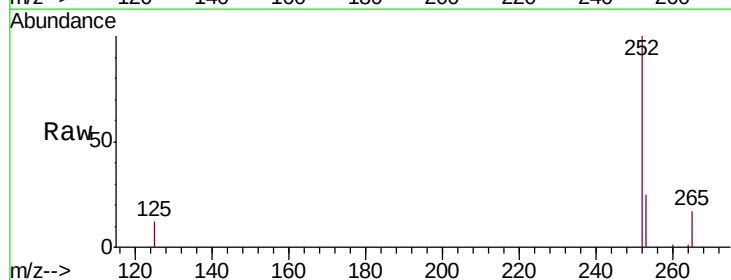
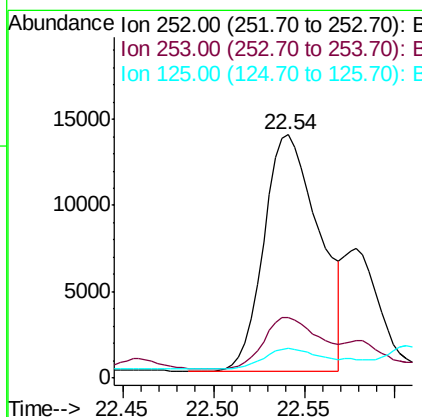
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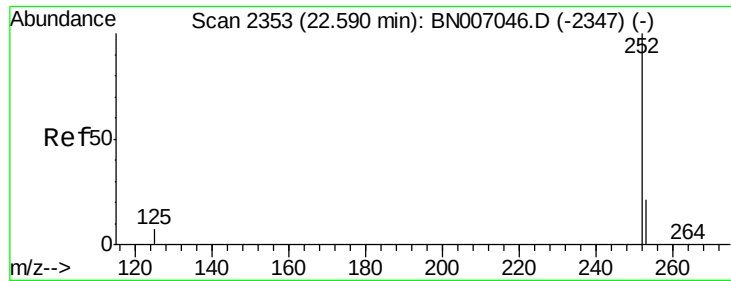
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#33
Benzo(b)fluoranthene
 Concen: 0.141 ng
 RT: 22.54 min Scan# 2339
 Delta R.T. -0.01 min
 Lab File: BN007080.D
 Acq: 11 Aug 2019 11:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.2	27.2
125	12.1	7.4	11.0





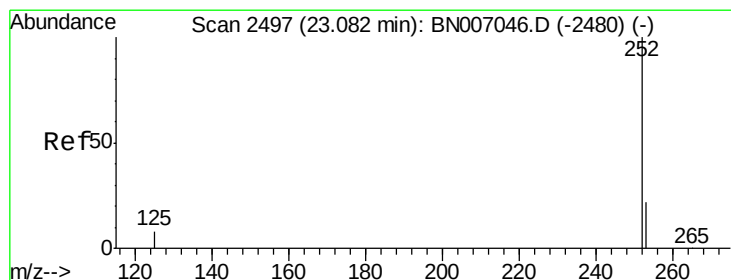
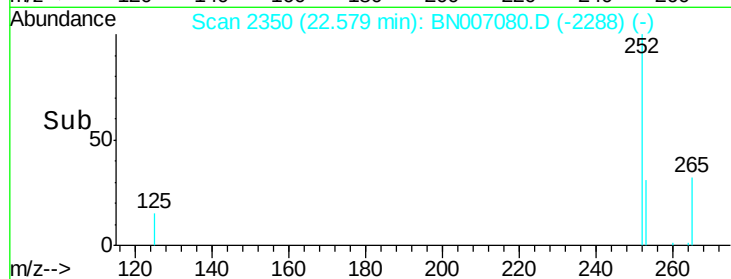
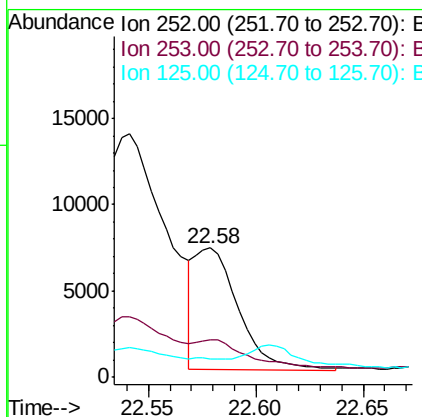
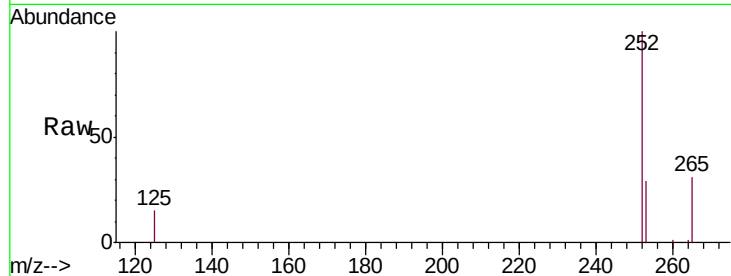
#34
Benzo(k)fluoranthene
Concen: 0.050 ng m
RT: 22.58 min Scan# 2350
Delta R.T. -0.01 min
Lab File: BN007080.D
Acq: 11 Aug 2019 11:01

Instrument :
BNA_N
ClientSampleId :
PST-006-SW126-073019

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.0	18.1	27.1#
125	14.5	7.4	11.0#

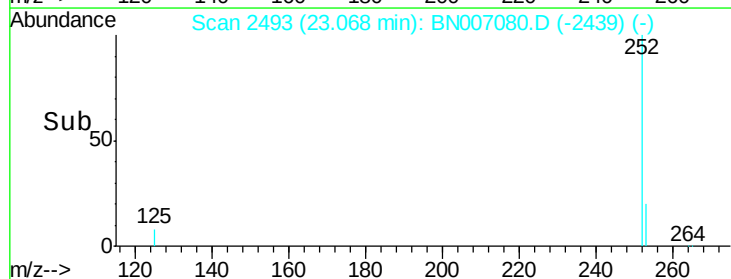
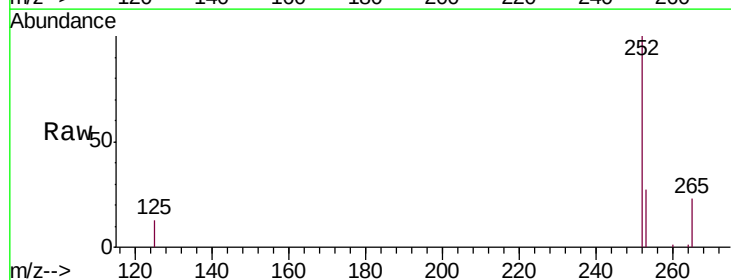
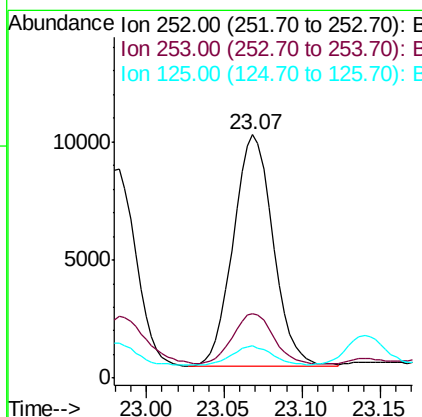
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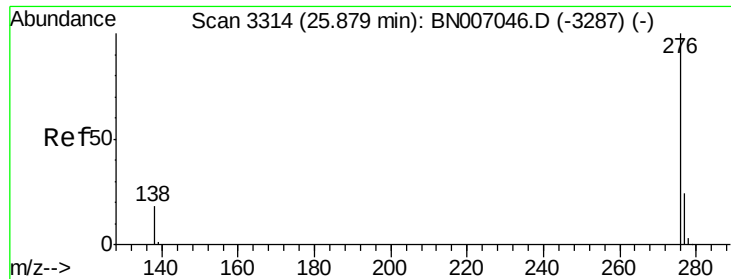
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#35
Benzo(a)pyrene
Concen: 0.093 ng
RT: 23.07 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BN007080.D
Acq: 11 Aug 2019 11:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.5	27.7
125	13.3	8.2	12.4#





#37

Benzo(g,h,i)perylene

Concen: 0.073 ng

RT: 25.86 min Scan# 3309

Delta R.T. -0.02 min

Lab File: BN007080.D

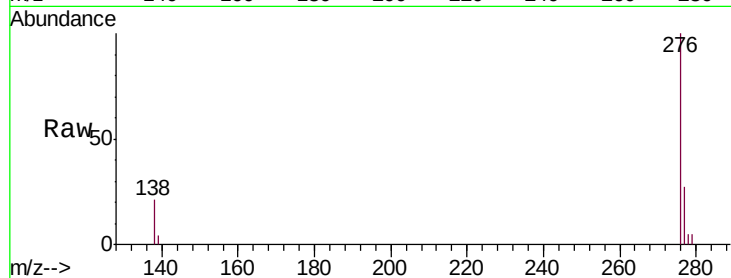
Acq: 11 Aug 2019 11:01

Instrument :

BNA_N

ClientSampleId :

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Tgt Ion:	276	Resp:	13983
Ion Ratio	Lower	Upper	
276	100		
277	26.9	19.8	29.8
138	21.1	14.6	22.0

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