

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
 Data File : BN007069.D
 Acq On : 11 Aug 2019 03:48
 Operator : HP/JU
 Sample : K4239-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B208-080519

Manual Integrations
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mohammad
 8/14/2019 2:56:49 AM

Quant Time: Aug 12 05:18:41 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	6891	0.40	ng	0.00
6) Naphthalene-d8	10.19	136	25763	0.40	ng	0.00
12) Acenaphthene-d10	14.08	164	14863	0.40	ng	0.00
18) Phenanthrene-d10	16.82	188	36394	0.40	ng	0.00
26) Chrysene-d12	21.03	240	37764	0.40	ng	-0.02
32) Perylene-d12	23.15	264	41428	0.40	ng	-0.02

System Monitoring Compounds

3) 2-Fluorophenol	5.06	112	7384	0.45	ng	0.00
4) Phenol-d6	6.61	99	9994	0.49	ng	0.00
7) Nitrobenzene-d5	8.56	82	7680	0.37	ng	0.00
10) 2-Methylnaphthalene-d10	11.79	152	17865	0.37	ng	0.00
13) 2,4,6-Tribromophenol	15.57	330	2273	0.28	ng	0.00
14) 2-Fluorobiphenyl	12.71	172	6690	0.31	ng	0.00
24) Fluoranthene-d10	18.87	212	43955	0.34	ng	0.00
28) Terphenyl-d14	19.49	244	34101	0.33	ng	-0.01

Target Compounds

						Qvalue
22) Phenanthrene	16.87	178	13232	0.121	ng	99
25) Fluoranthene	18.90	202	19435	0.139	ng	100
27) Pyrene	19.26	202	23225	0.175	ng	97
29) Benzo(a)anthracene	21.02	228	14190	0.103	ng	93
30) Chrysene	21.08	228	14019	0.104	ng	96
31) Indeno(1,2,3-cd)pyrene	25.23	276	9350	0.063	ng	99
33) Benzo(b)fluoranthene	22.53	252	17430	0.123	ng	# 88
34) Benzo(k)fluoranthene	22.57	252	5754m	0.041	ng	
35) Benzo(a)pyrene	23.06	252	13456	0.104	ng	# 87
37) Benzo(g,h,i)perylene	25.86	276	10580	0.080	ng	# 90

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

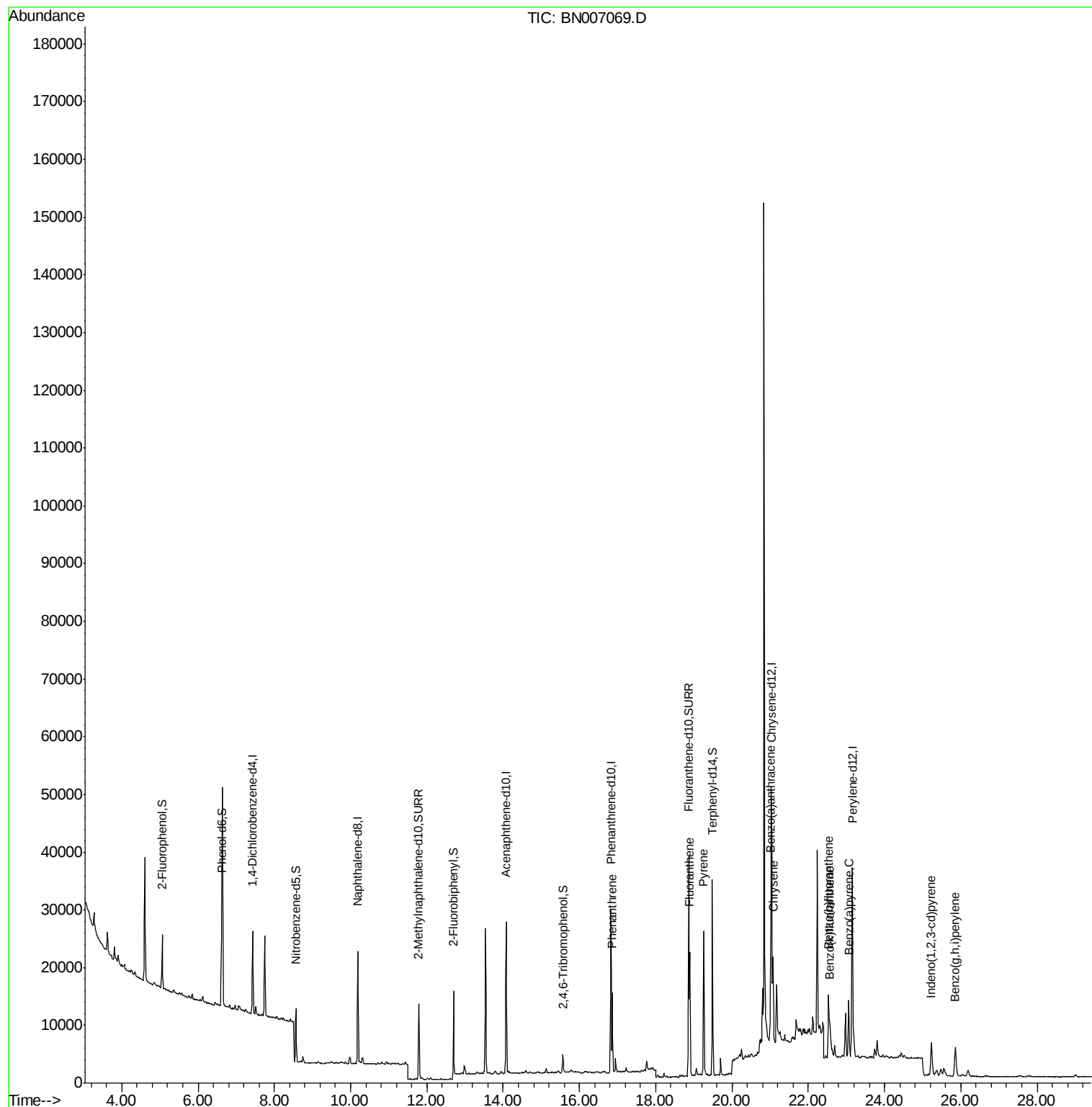
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN081019\
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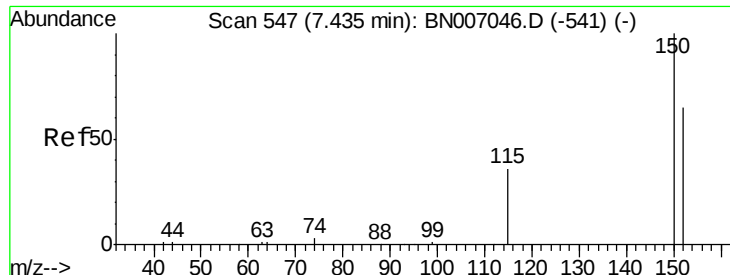
Instrument :
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PST-013-B208-080519

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#1

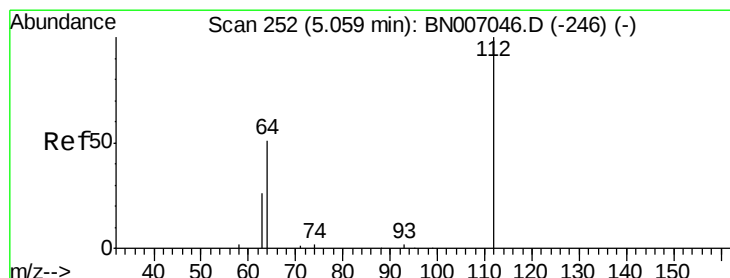
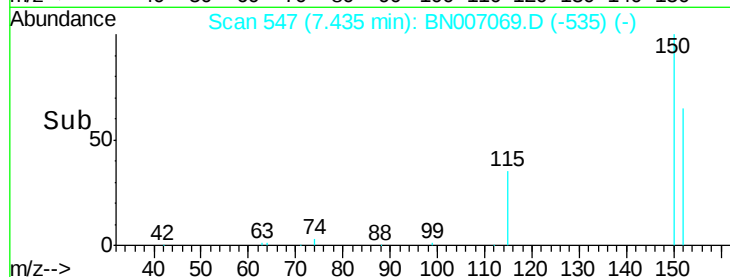
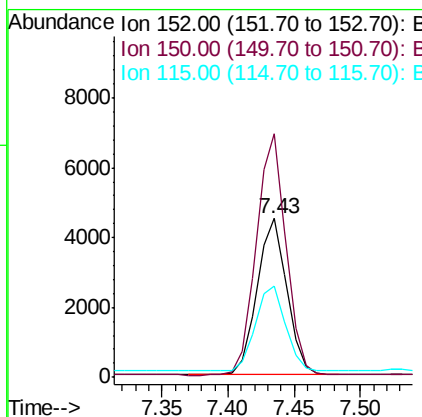
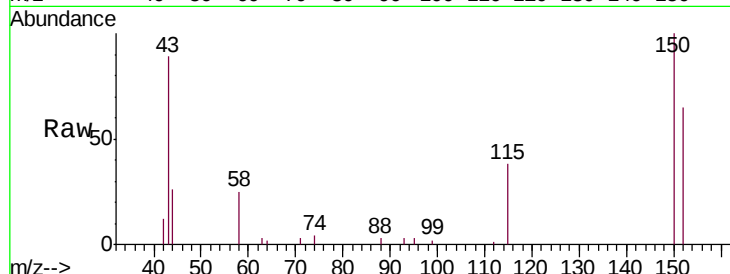
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.43 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: BN007069.D
 Acq: 11 Aug 2019 03:48

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B208-080519

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.5	121.7	182.5
115	57.8	46.2	69.4

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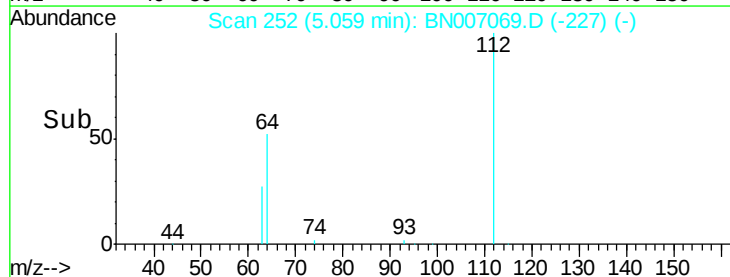
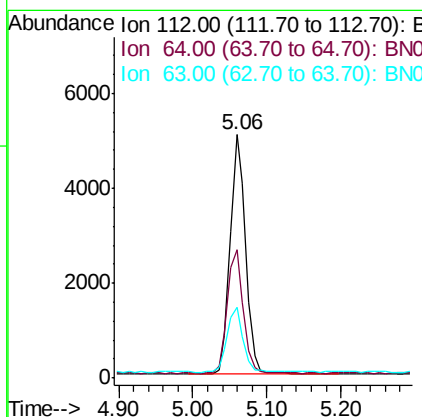
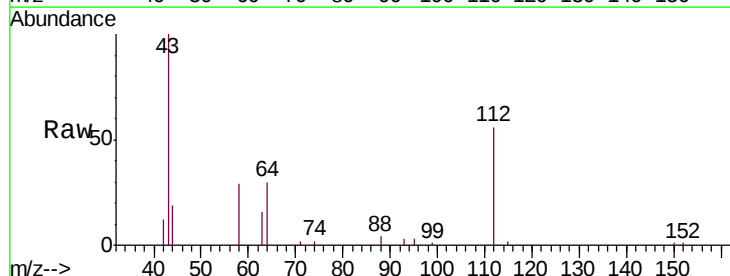
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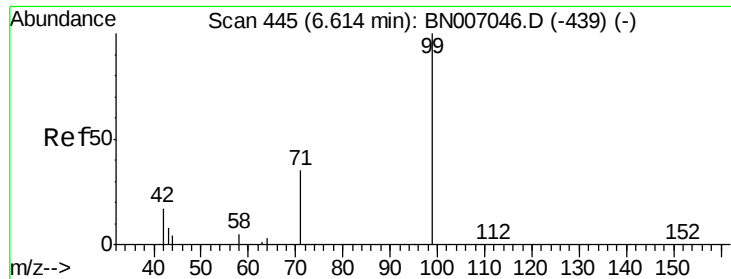


#3

2-Fluorophenol
 Concen: 0.446 ng
 RT: 5.06 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: BN007069.D
 Acq: 11 Aug 2019 03:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	42.6	63.8
63	27.5	22.2	33.2





#4

Phenol-d6

Concen: 0.487 ng

RT: 6.61 min Scan# 445

Delta R.T. -0.00 min

Lab File: BN007069.D

Acq: 11 Aug 2019 03:48

Instrument :

BNA_N

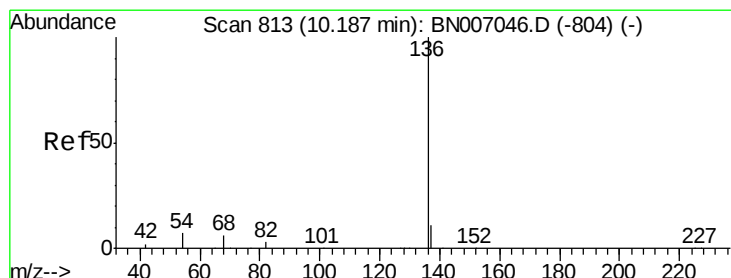
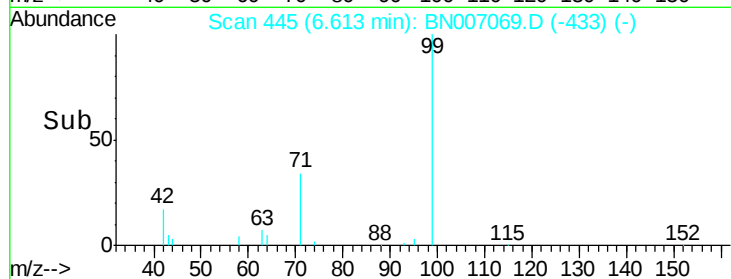
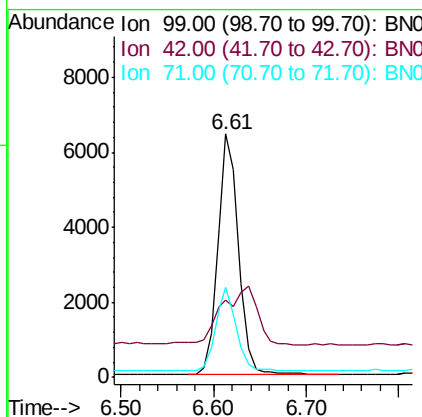
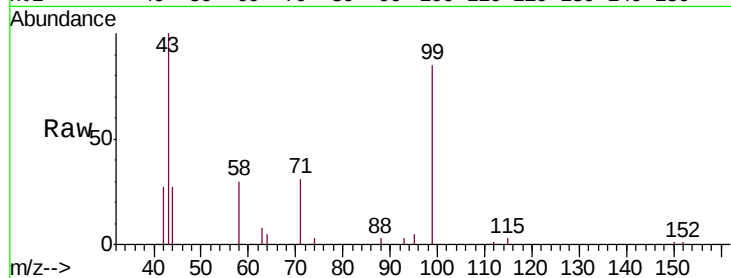
ClientSampleId :

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Tgt Ion:	99	Resp:	9994
Ion Ratio	Lower	Upper	
99	100		
42	0.0	15.8	23.6#
71	34.1	27.0	40.4

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#6

Naphthalene-d8

Concen: 0.400 ng

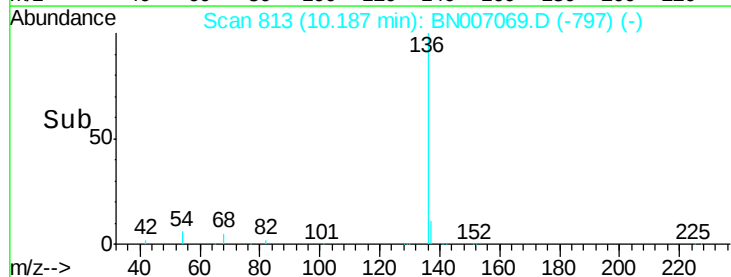
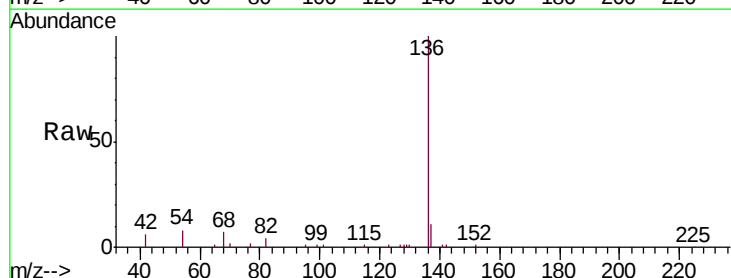
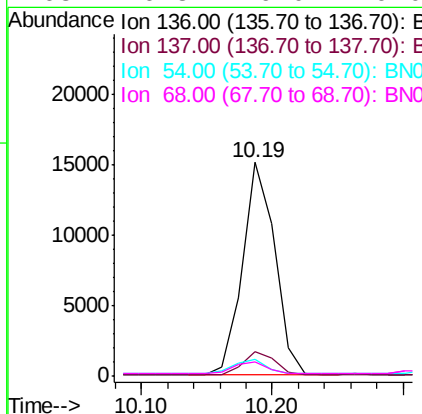
RT: 10.19 min Scan# 813

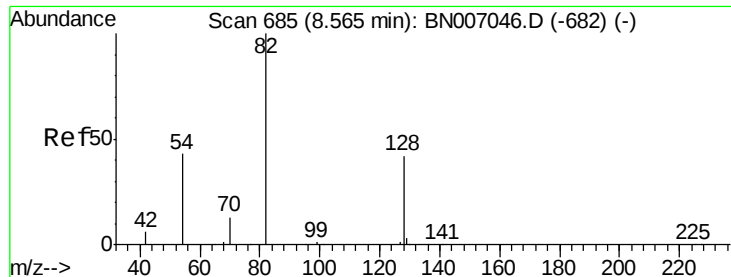
Delta R.T. -0.00 min

Lab File: BN007069.D

Acq: 11 Aug 2019 03:48

Tgt Ion:	136	Resp:	25763
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.4	14.0
54	7.5	6.6	9.8
68	6.8	6.0	9.0





#7

Nitrobenzene-d5

Concen: 0.370 ng

RT: 8.56 min Scan# 685

Delta R.T. -0.00 min

Lab File: BN007069.D

Acq: 11 Aug 2019 03:48

Instrument :

BNA_N

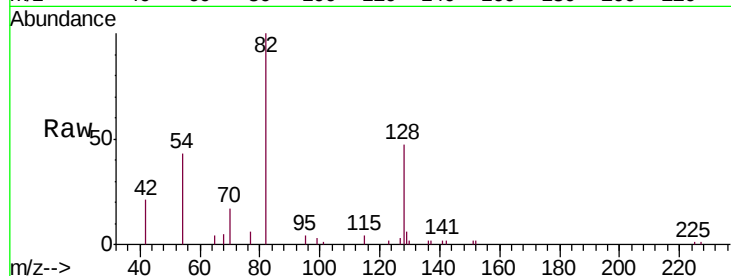
ClientSampleId :

PST-013-B208-080519

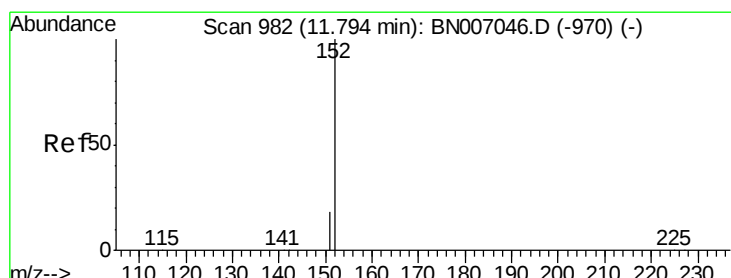
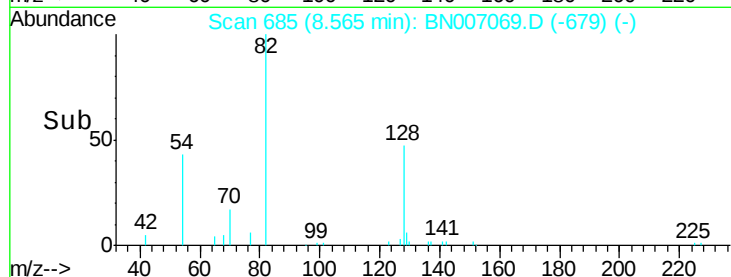
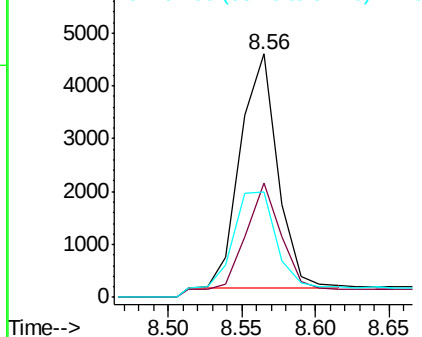
Tgt Ion:	82	Resp:	7680
Ion Ratio	Lower	Upper	
82	100		
128	46.9	34.6	51.8
54	43.1	36.2	54.4

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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



#10

2-Methylnaphthalene-d10

Concen: 0.372 ng

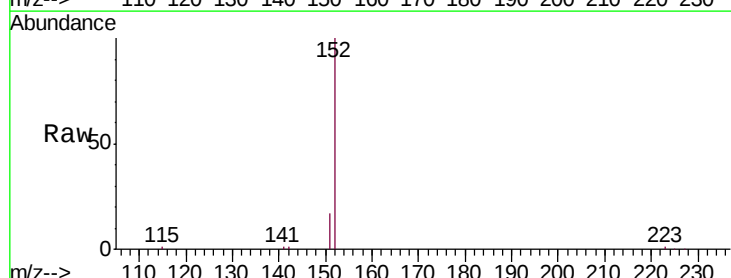
RT: 11.79 min Scan# 981

Delta R.T. -0.00 min

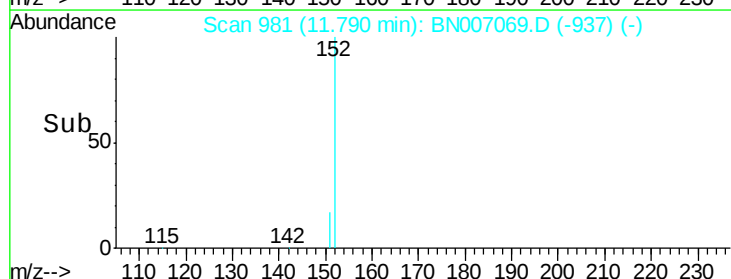
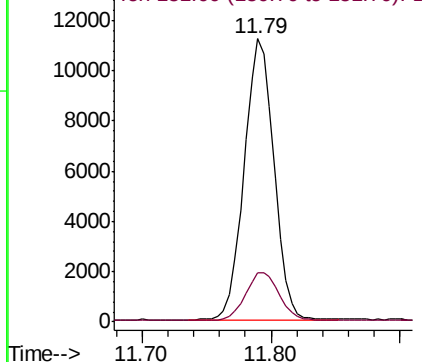
Lab File: BN007069.D

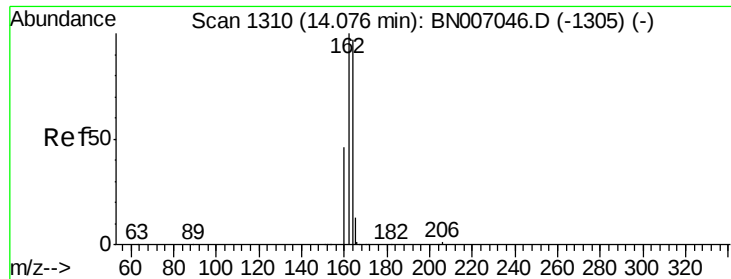
Acq: 11 Aug 2019 03:48

Tgt Ion:	152	Resp:	17865
Ion Ratio	Lower	Upper	
152	100		
151	19.0	15.5	23.3



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





#12

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.08 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BN007069.D

Acq: 11 Aug 2019 03:48

Instrument :

BNA_N

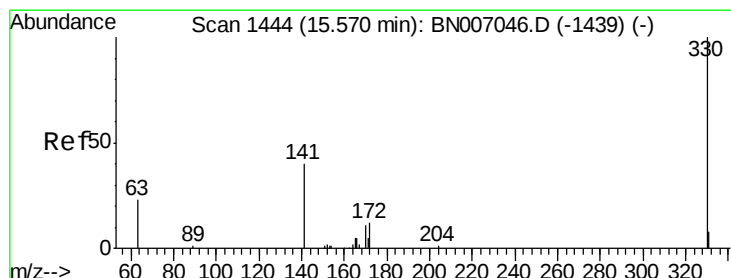
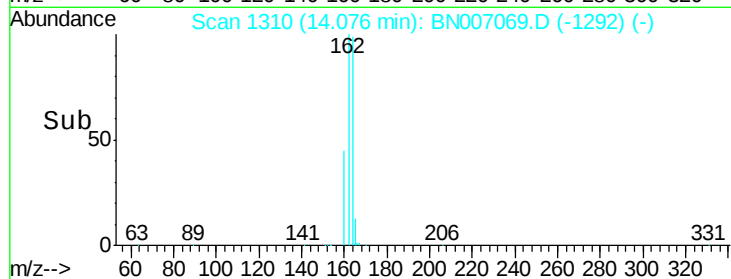
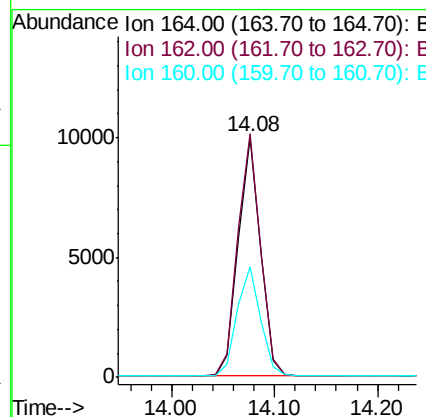
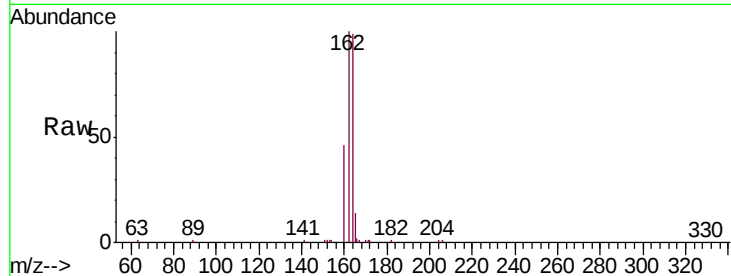
ClientSampleId :

PST-013-B208-080519

Tgt Ion:	164	Resp:	14863
Ion Ratio	Lower	Upper	
164	100		
162	101.3	82.2	123.4
160	46.2	38.3	57.5

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#13

2,4,6-Tribromophenol

Concen: 0.284 ng

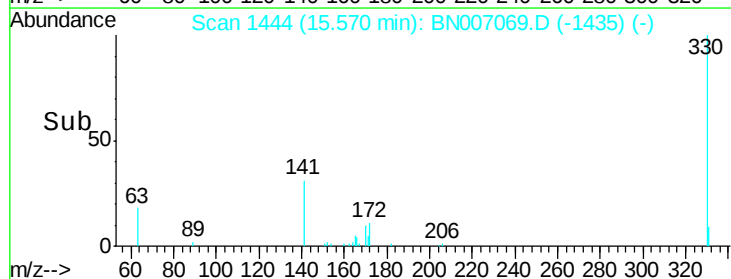
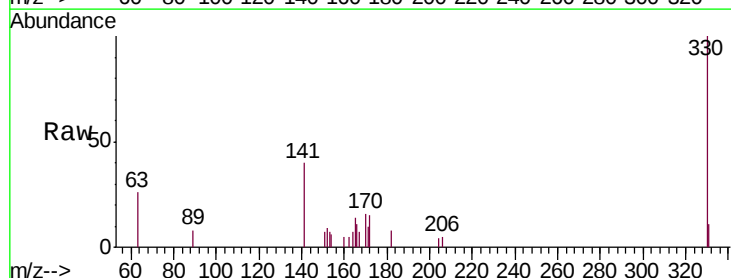
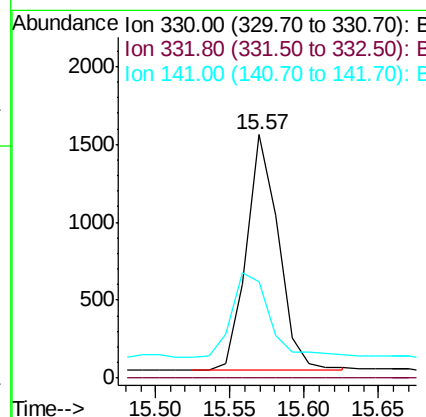
RT: 15.57 min Scan# 1444

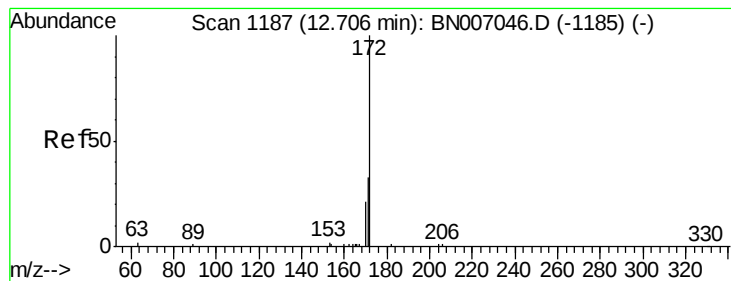
Delta R.T. -0.00 min

Lab File: BN007069.D

Acq: 11 Aug 2019 03:48

Tgt Ion:	330	Resp:	2273
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	42.8	33.6	50.4





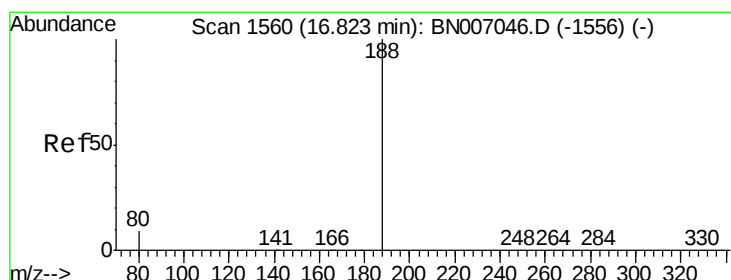
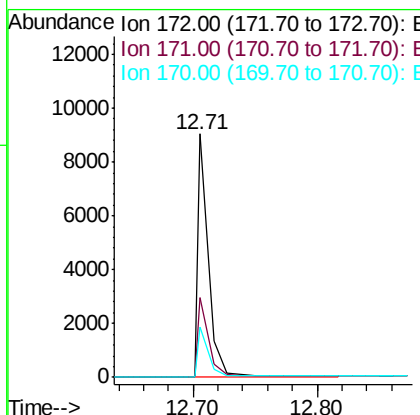
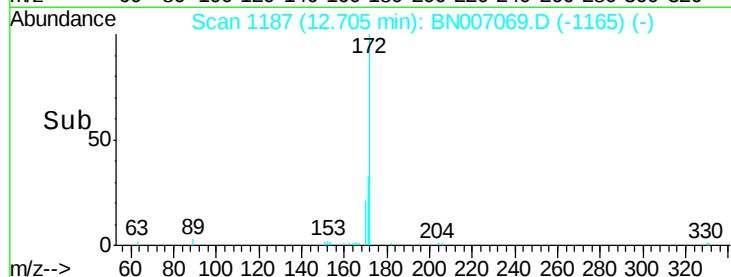
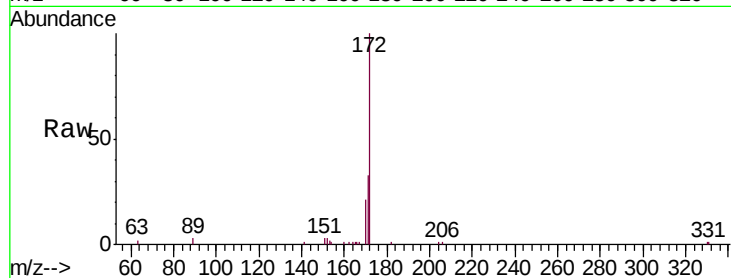
#14
 2-Fluorobiphenyl
 Concen: 0.310 ng
 RT: 12.71 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BN007069.D
 Acq: 11 Aug 2019 03:48

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B208-080519

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.0	26.3	39.5
170	20.7	17.0	25.4

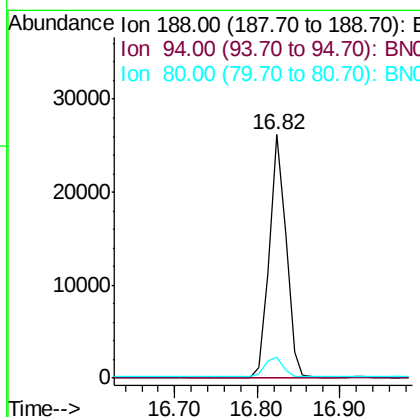
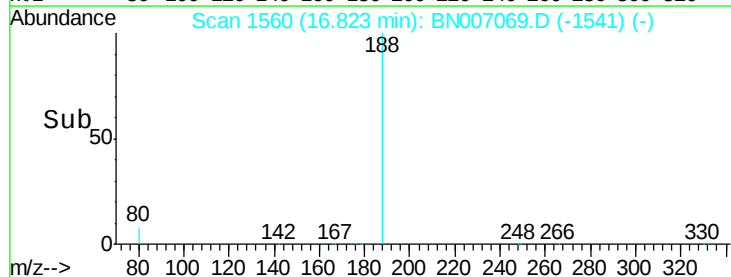
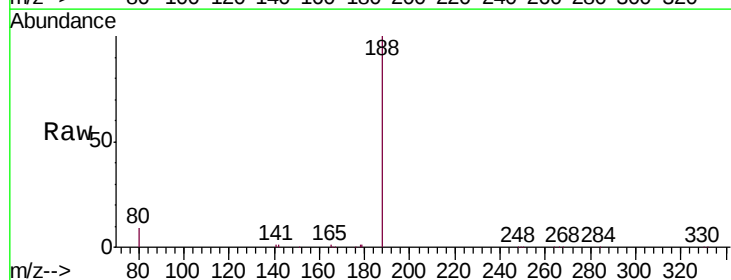
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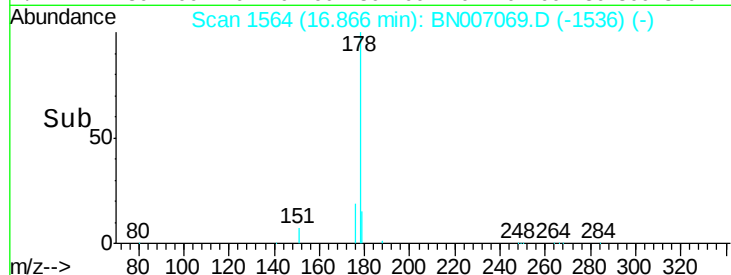
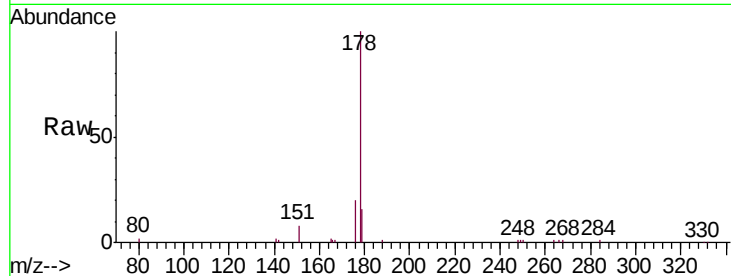
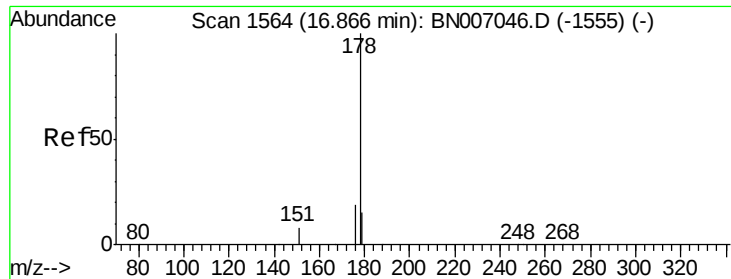
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#18
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 16.82 min Scan# 1560
 Delta R.T. -0.00 min
 Lab File: BN007069.D
 Acq: 11 Aug 2019 03:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.7	7.8	11.6





#22

Phenanthrene

Concen: 0.121 ng

RT: 16.87 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BN007069.D

Acq: 11 Aug 2019 03:48

Instrument :

BNA_N

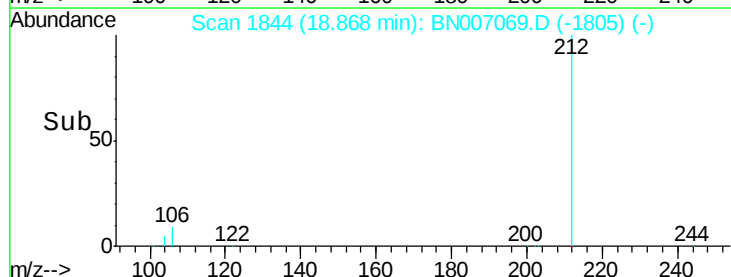
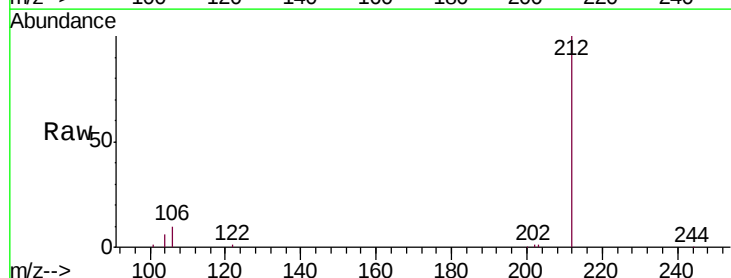
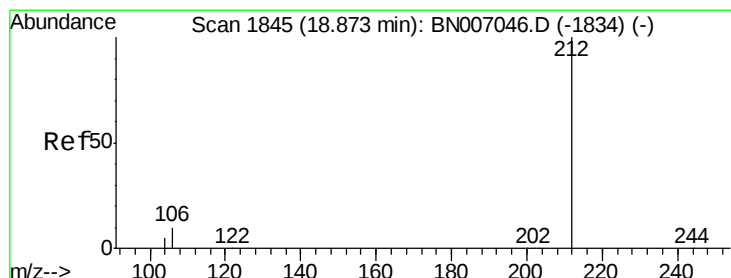
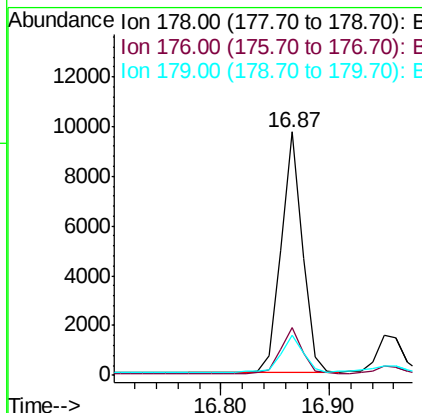
ClientSampleId :

PST-013-B208-080519

Tgt Ion:	178	Resp:	13232
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.2	22.8
179	15.9	12.3	18.5

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#24

Fluoranthene-d10

Concen: 0.341 ng

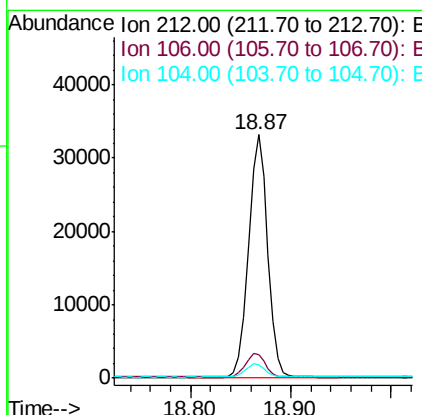
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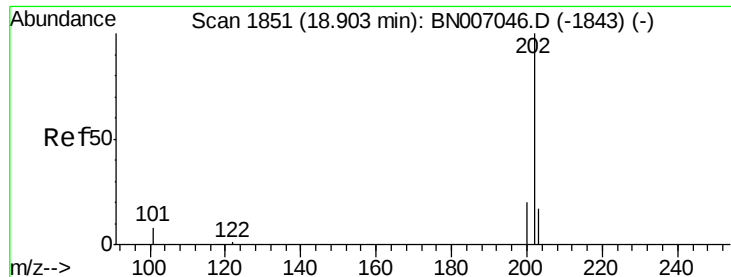
Delta R.T. -0.01 min

Lab File: BN007069.D

Acq: 11 Aug 2019 03:48

Tgt Ion:	212	Resp:	43955
Ion Ratio	Lower	Upper	
212	100		
106	10.1	8.2	12.2
104	5.6	4.5	6.7





#25

Fluoranthene

Concen: 0.139 ng

RT: 18.90 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BN007069.D

Acq: 11 Aug 2019 03:48

Instrument :

BNA_N

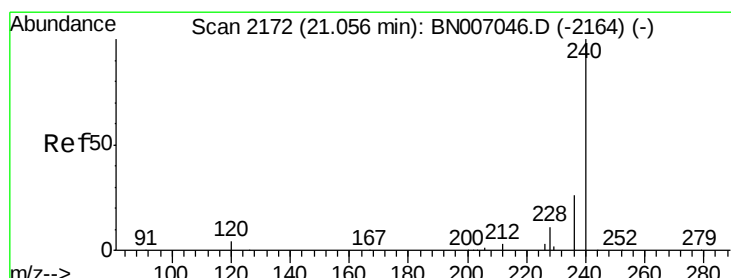
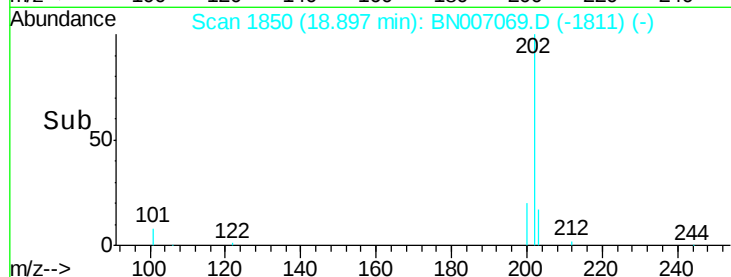
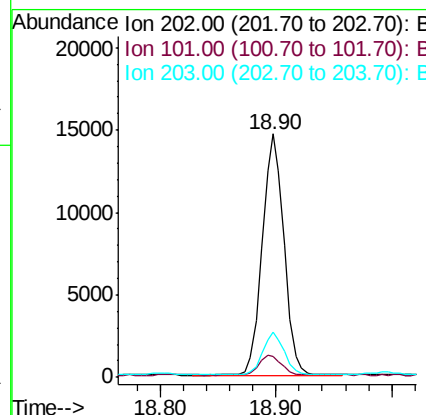
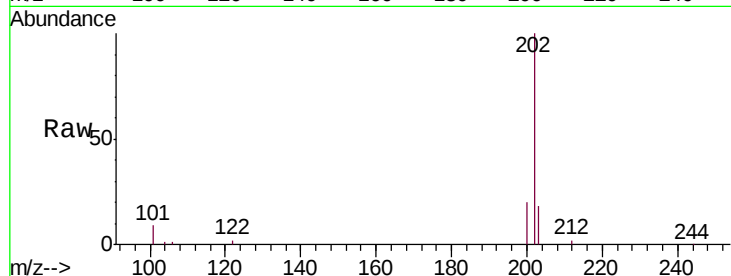
ClientSampleId :

PST-013-B208-080519

Tgt Ion:	202	Resp:	19435
Ion Ratio	Lower	Upper	
202	100		
101	8.6	7.0	10.4
203	17.1	13.8	20.8

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#26

Chrysene-d12

Concen: 0.400 ng

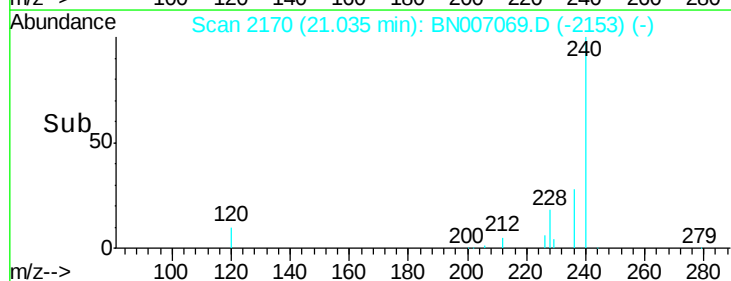
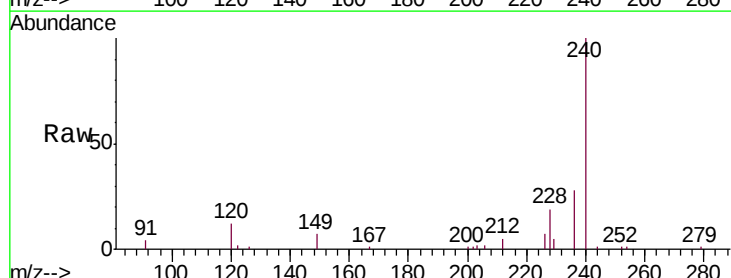
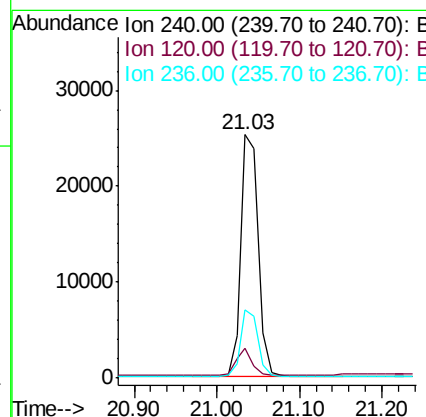
RT: 21.03 min Scan# 2170

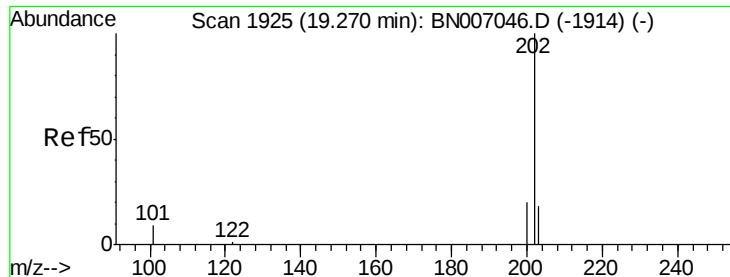
Delta R.T. -0.02 min

Lab File: BN007069.D

Acq: 11 Aug 2019 03:48

Tgt Ion:	240	Resp:	37764
Ion Ratio	Lower	Upper	
240	100		
120	12.2	4.0	6.0#
236	28.2	21.3	31.9





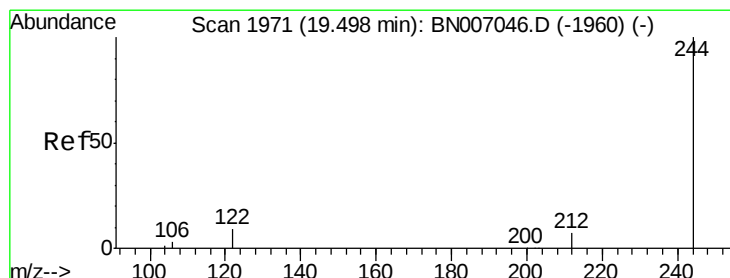
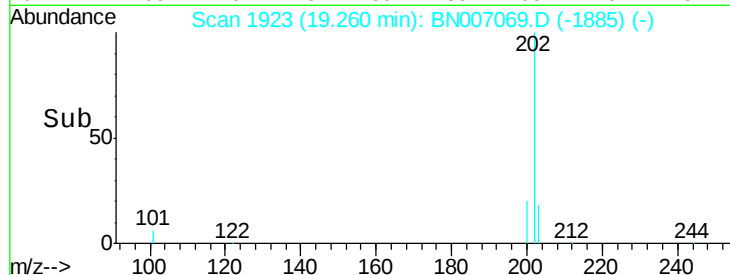
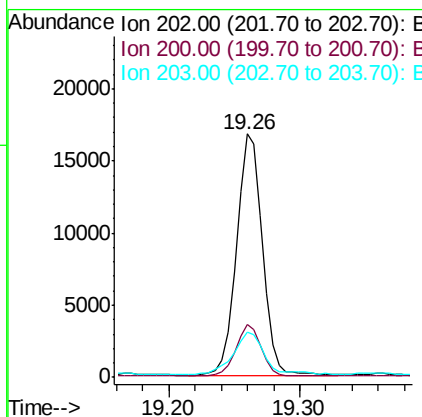
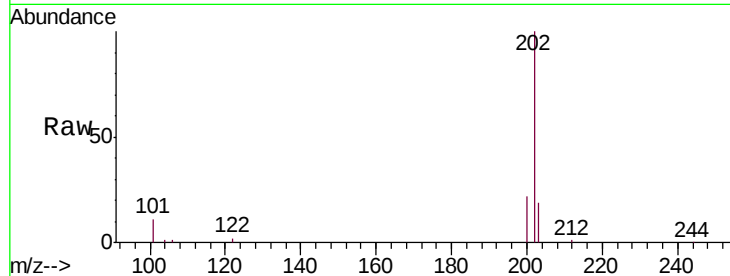
#27
 Pyrene
 Concen: 0.175 ng
 RT: 19.26 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BN007069.D
 Acq: 11 Aug 2019 03:48

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B208-080519

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.6	24.8
203	19.9	14.0	21.0

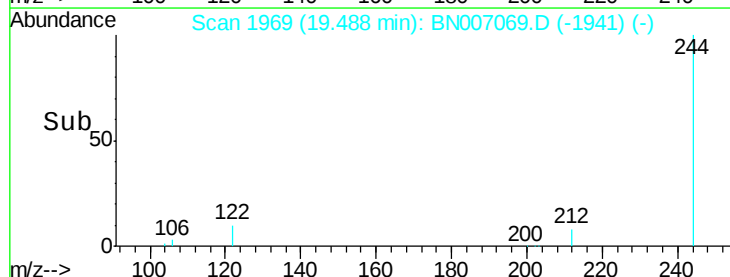
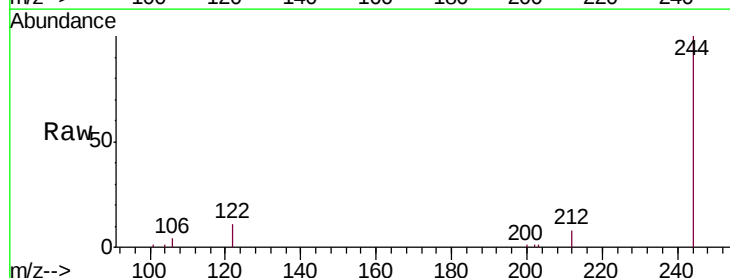
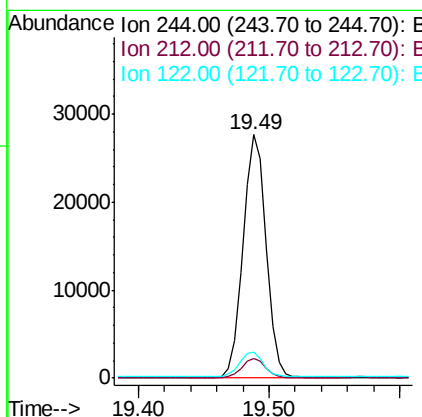
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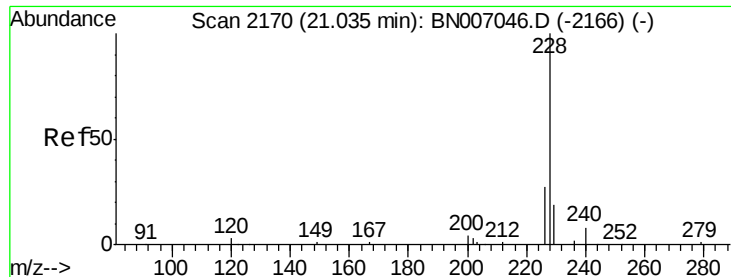
mohammad
 8/14/2019 2:56:49 AM



#28
 Terphenyl-d14
 Concen: 0.331 ng
 RT: 19.49 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BN007069.D
 Acq: 11 Aug 2019 03:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.2
122	10.6	7.4	11.2





#29

Benzo(a)anthracene

Concen: 0.103 ng

RT: 21.02 min Scan# 2169

Delta R.T. -0.01 min

Lab File: BN007069.D

Acq: 11 Aug 2019 03:48

Instrument :

BNA_N

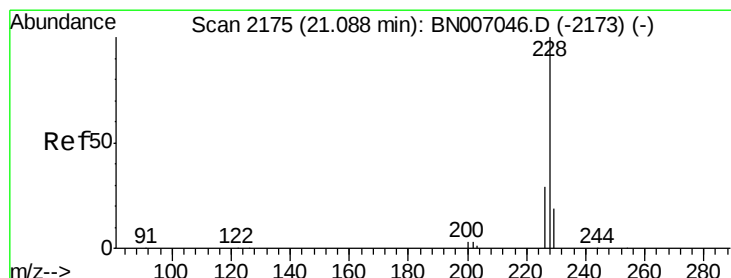
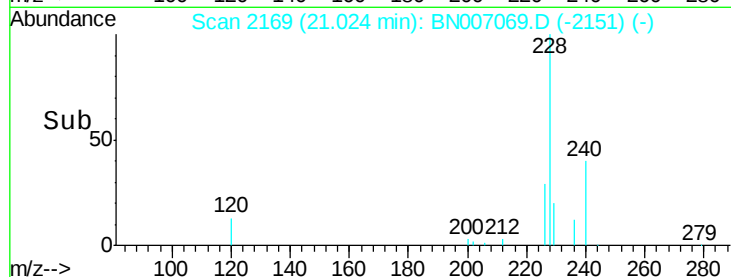
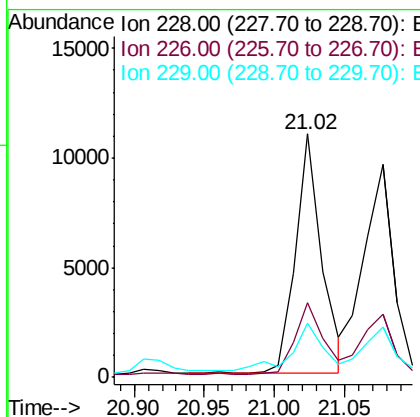
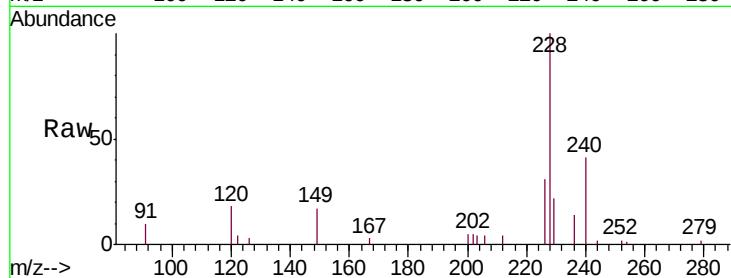
ClientSampleId :

PST-013-B208-080519

Tgt Ion:	228	Resp:	14190
Ion Ratio	Lower	Upper	
228	100		
226	30.9	21.8	32.6
229	22.1	15.6	23.4

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#30

Chrysene

Concen: 0.104 ng

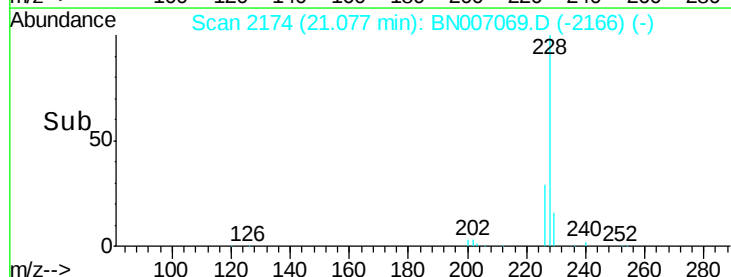
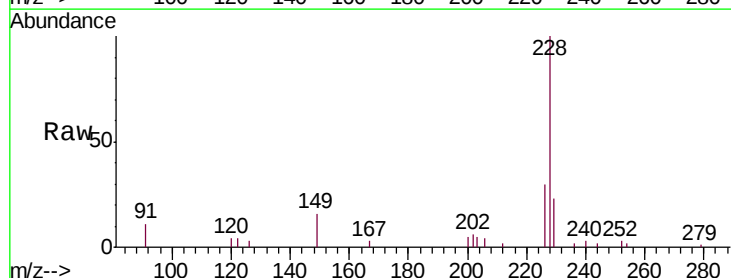
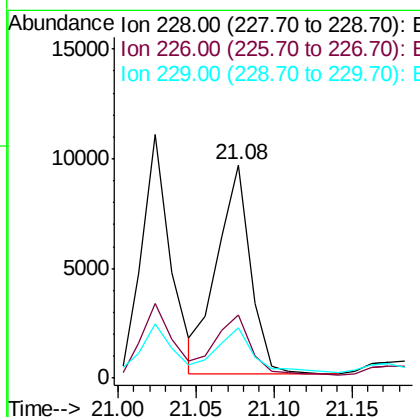
RT: 21.08 min Scan# 2174

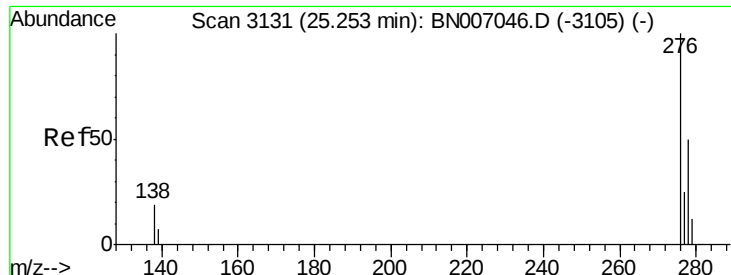
Delta R.T. -0.01 min

Lab File: BN007069.D

Acq: 11 Aug 2019 03:48

Tgt Ion:	228	Resp:	14019
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.8	35.6
229	23.4	15.7	23.5





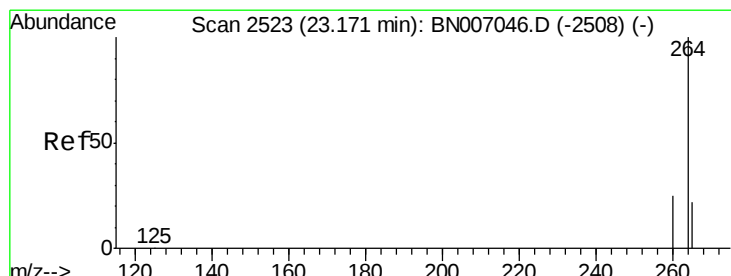
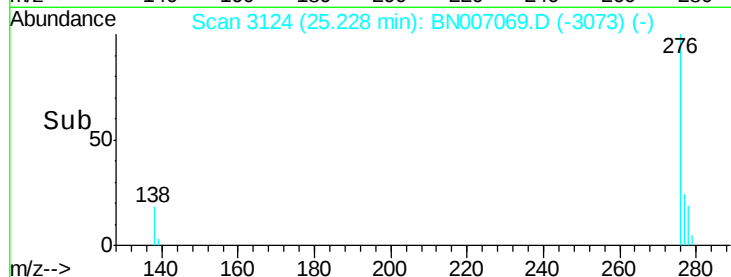
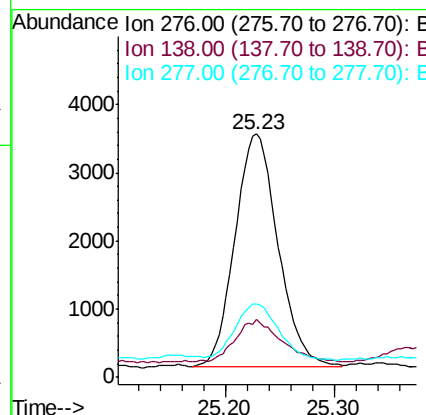
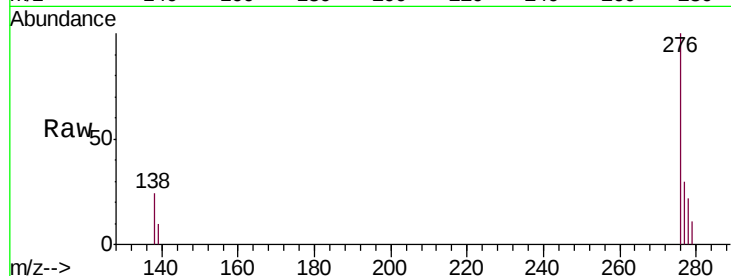
#31
 Indeno(1,2,3-cd)pyrene
 Concen: 0.063 ng
 RT: 25.23 min Scan# 3124
 Delta R.T. -0.02 min
 Lab File: BN007069.D
 Acq: 11 Aug 2019 03:48

Instrument :
 BNA_N
 ClientSampleId :
 PST-013-B208-080519

Tgt Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.0	24.0
277	24.5	19.9	29.9

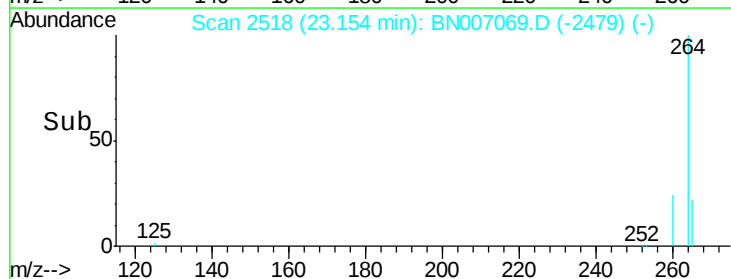
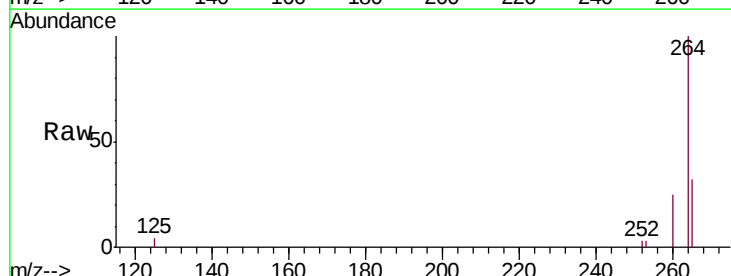
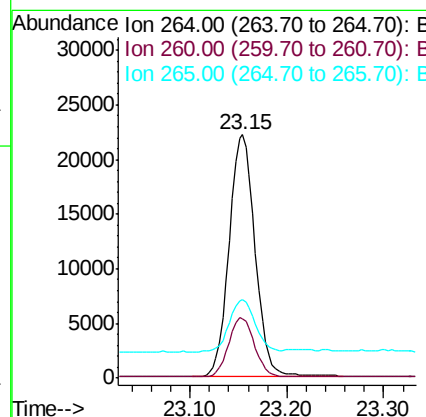
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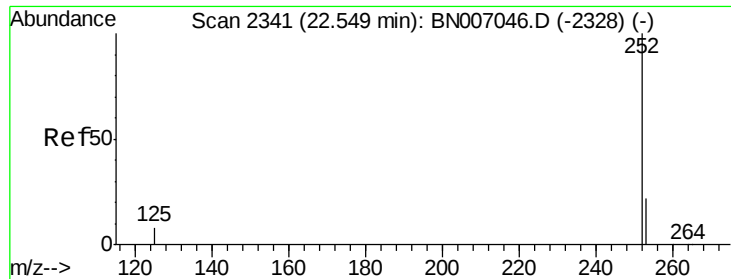
mohammad
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#32
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.15 min Scan# 2518
 Delta R.T. -0.02 min
 Lab File: BN007069.D
 Acq: 11 Aug 2019 03:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	32.5	26.2	39.4





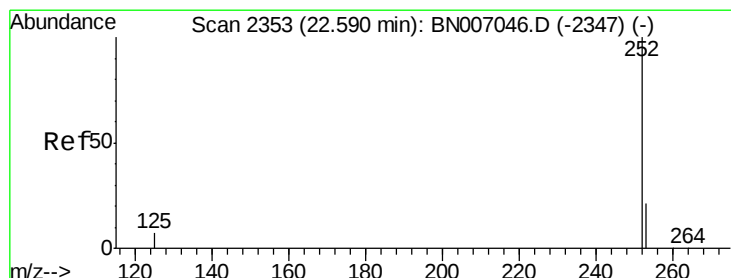
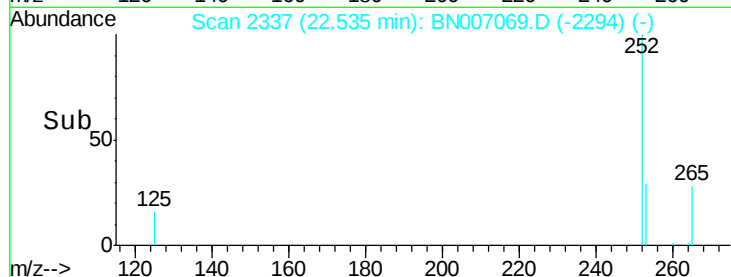
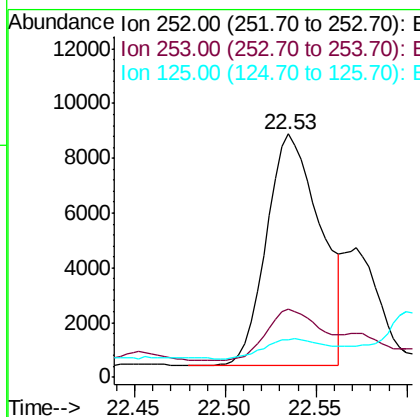
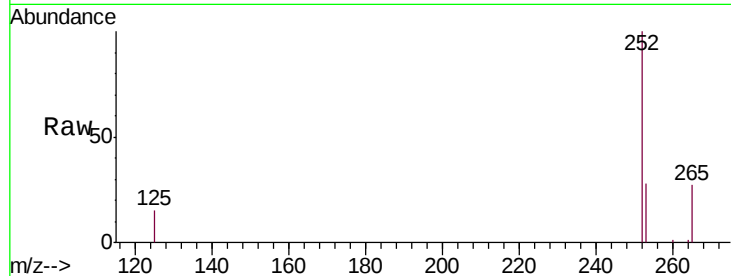
#33
Benzo(b)fluoranthene
Concen: 0.123 ng
RT: 22.53 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Instrument :
BNA_N
ClientSampleId :
PST-013-B208-080519

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.2	27.2#
125	15.5	7.4	11.0#

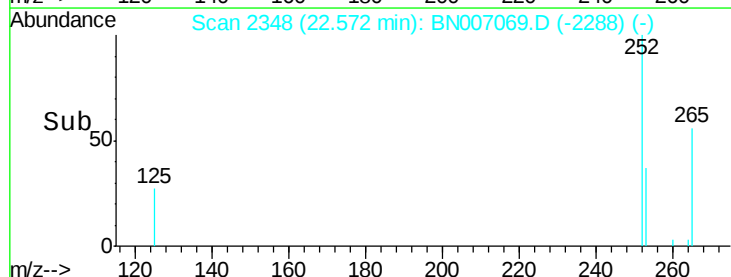
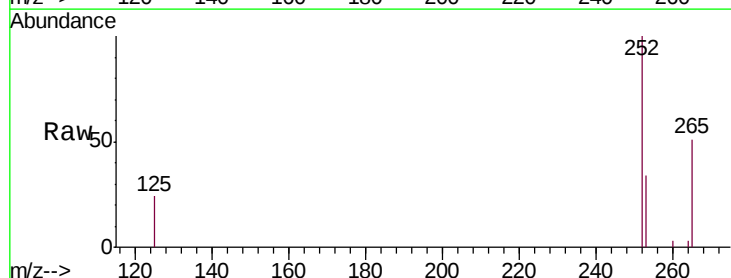
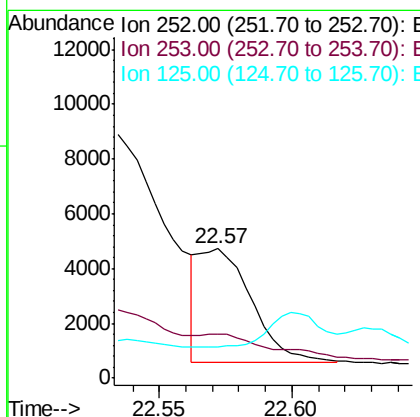
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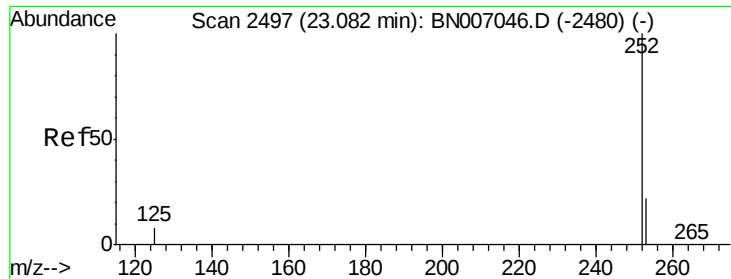
mohammad
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#34
Benzo(k)fluoranthene
Concen: 0.041 ng m
RT: 22.57 min Scan# 2348
Delta R.T. -0.02 min
Lab File: BN007069.D
Acq: 11 Aug 2019 03:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	33.5	18.1	27.1#
125	24.1	7.4	11.0#





#35

Benzo(a)pyrene

Concen: 0.104 ng

RT: 23.06 min Scan# 2491

Delta R.T. -0.02 min

Lab File: BN007069.D

Acq: 11 Aug 2019 03:48

Instrument :

BNA_N

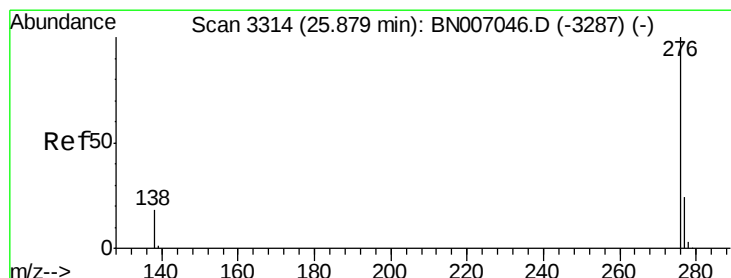
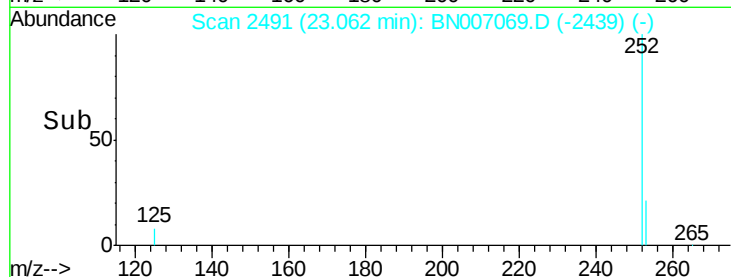
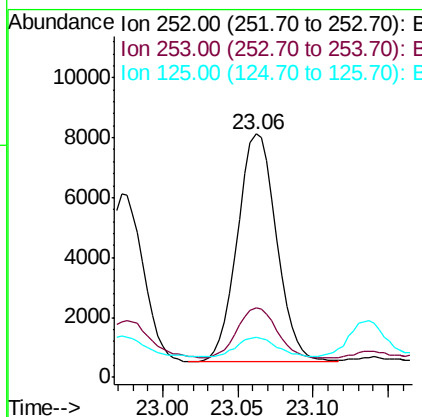
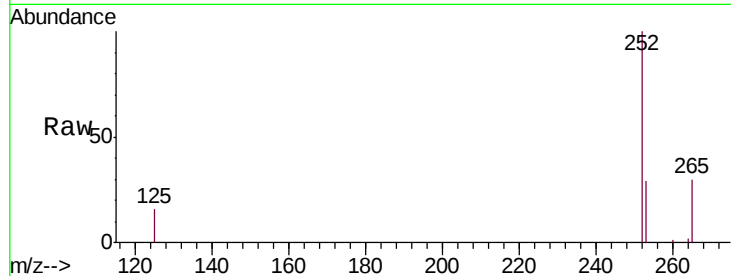
ClientSampleId :

PST-013-B208-080519

Tgt Ion:	252	Resp:	13456
Ion Ratio	Lower	Upper	
252	100		
253	28.7	18.5	27.7#
125	16.5	8.2	12.4#

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#37

Benzo(g,h,i)perylene

Concen: 0.080 ng

RT: 25.86 min Scan# 3308

Delta R.T. -0.02 min

Lab File: BN007069.D

Acq: 11 Aug 2019 03:48

Tgt Ion:	276	Resp:	10580
Ion Ratio	Lower	Upper	
276	100		
277	29.4	19.8	29.8
138	23.6	14.6	22.0#

