

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
 Data File : BN007589.D
 Acq On : 11 Sep 2019 15:52
 Operator : HP/JU
 Sample : K4698-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GW507-K2-35.0-40.0-090419-FD

Manual Integrations
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mohammad
 9/16/2019 9:00:54 AM

Quant Time: Sep 12 11:01:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 11 14:14:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	6826	0.40	ng	0.00
7) Naphthalene-d8	10.49	136	27252	0.40	ng	0.00
13) Acenaphthene-d10	14.35	164	16688	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	34784	0.40	ng	-0.01
27) Chrysene-d12	21.28	240	36015	0.40	ng	-0.01
34) Perylene-d12	23.51	264	39473	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2907	0.14	ng	0.00
5) Phenol-d6	6.90	99	2556	0.09	ng	0.00
8) Nitrobenzene-d5	8.86	82	8896	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	17223	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.83	330	2235	0.35	ng	-0.01
15) 2-Fluorobiphenyl	12.97	172	25320	0.37	ng	-0.01
25) Fluoranthene-d10	19.12	212	44606	0.39	ng	0.00
29) Terphenyl-d14	19.73	244	44808	0.48	ng	0.00
Target Compounds						
9) Naphthalene	10.54	128	6481	0.085	ng	Qvalue # 95
12) 2-Methylnaphthalene	12.16	142	5395	0.100	ng	97
17) Acenaphthene	14.40	154	2389	0.042	ng	93
18) Fluorene	15.39	166	5736	0.077	ng	99
23) Phenanthrene	17.12	178	65852	0.613	ng	99
24) Anthracene	17.22	178	9051	0.091	ng	# 93
26) Fluoranthene	19.15	202	53736	0.413	ng	98
28) Pyrene	19.51	202	52661	0.407	ng	97
30) Benzo(a)anthracene	21.27	228	7204m	0.056	ng	
31) Chrysene	21.31	228	10521	0.080	ng	95
32) Bis(2-ethylhexyl)phthalate	21.23	149	10301	0.234	ng	98

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

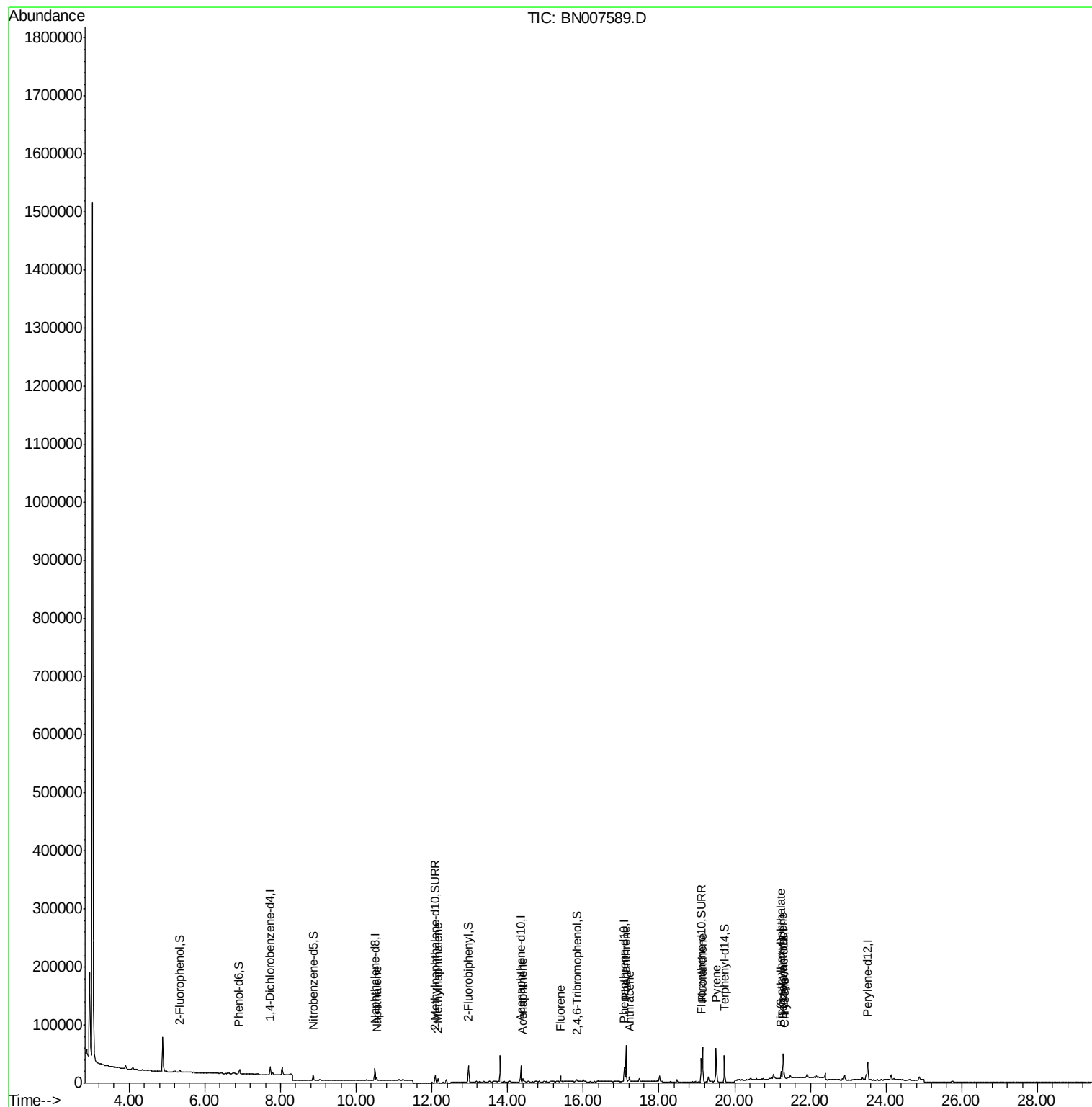
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091119\
Data File : BN007589.D
Acq On : 11 Sep 2019 15:52
Operator : HP/JU
Sample : K4698-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

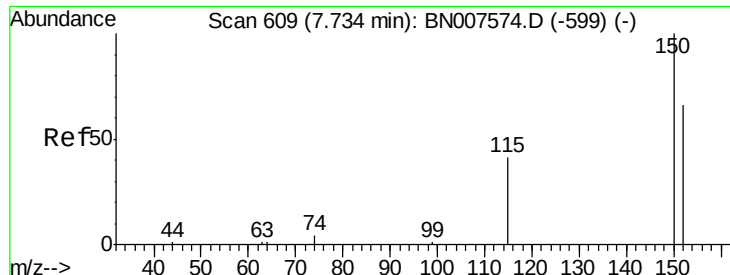
Instrument :
BNA_N
ClientSampleId :
GW507-K2-35.0-40.0-090419-FD

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mohammad
9/16/2019 9:00:54 AM

Quant Time: Sep 12 11:01:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

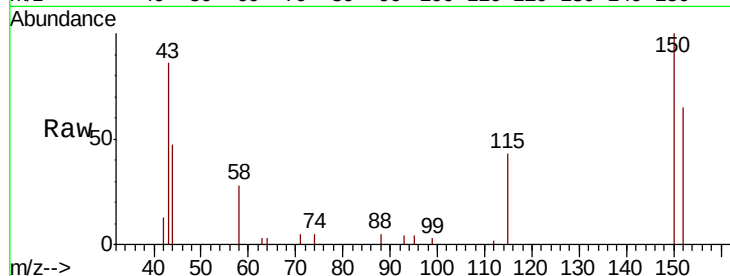
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 608
Delta R.T. -0.01 min
Lab File: BN007589.D
Acq: 11 Sep 2019 15:52

Instrument :
BNA_N
ClientSampleId :
GW507-K2-35.0-40.0-090419-FD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.5	119.5	179.3
115	66.0	53.0	79.6

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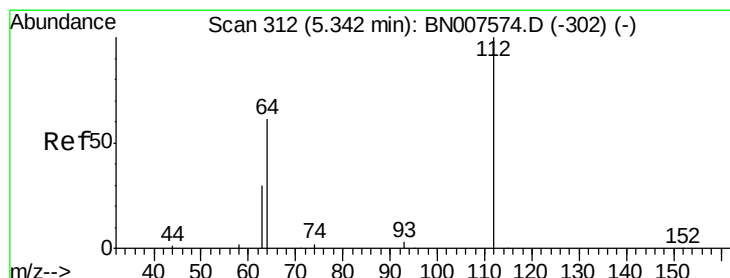
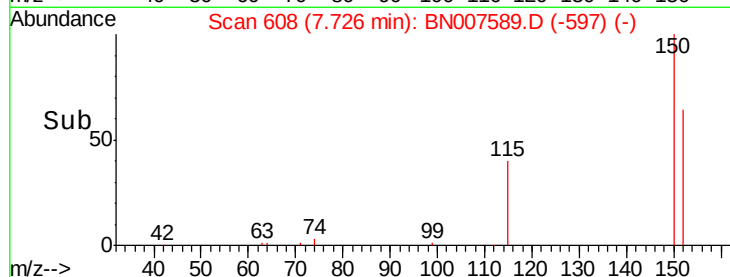
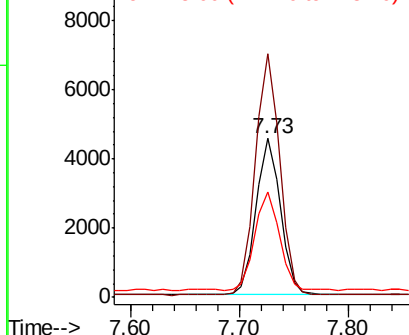


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

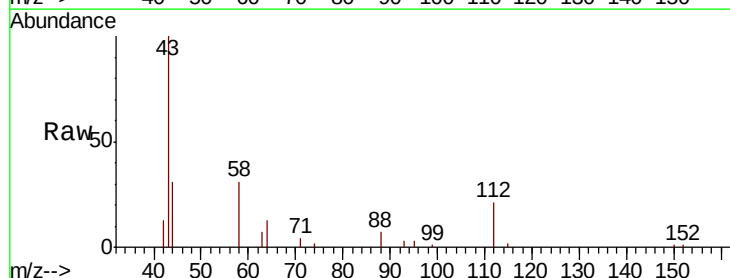
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.140 ng
RT: 5.34 min Scan# 312
Delta R.T. 0.00 min
Lab File: BN007589.D
Acq: 11 Sep 2019 15:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.8	49.2	73.8
63	29.4	26.0	39.0

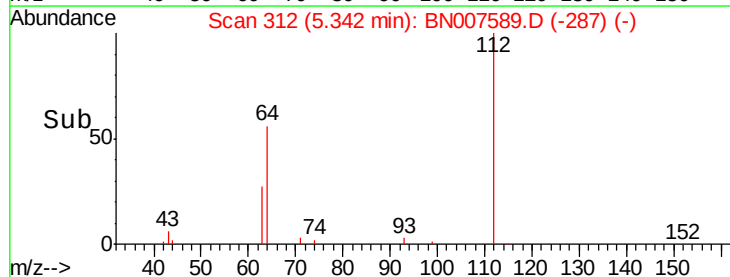
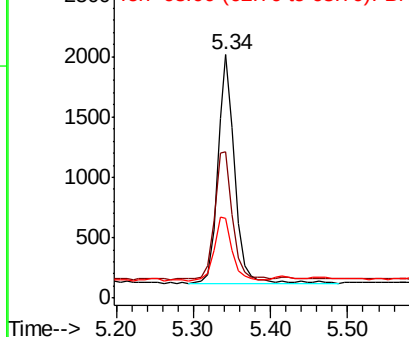


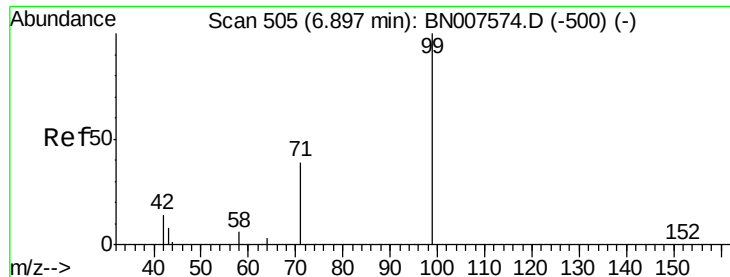
Abundance

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: 0.090 ng

RT: 6.90 min Scan# 505

Delta R.T. 0.00 min

Lab File: BN007589.D

Acq: 11 Sep 2019 15:52

Instrument :

BNA_N

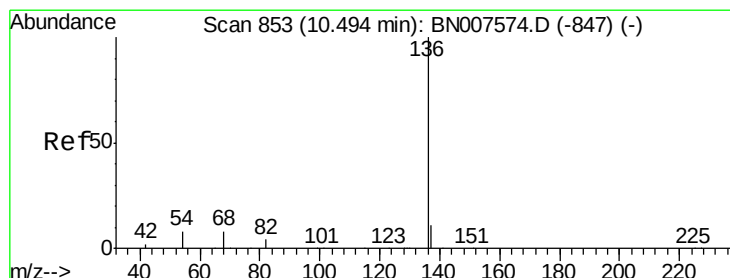
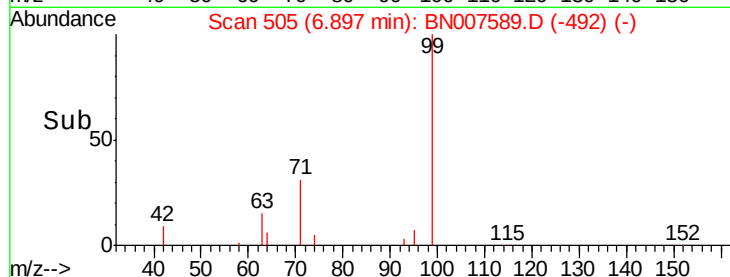
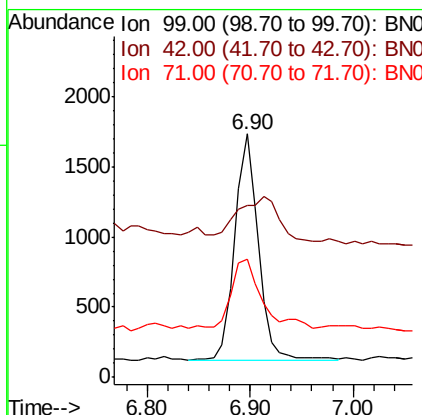
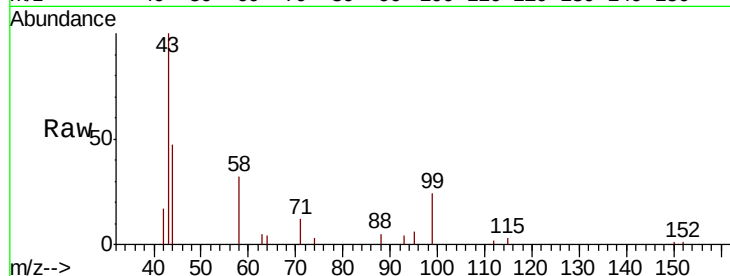
ClientSampleId :

GW507-K2-35.0-40.0-090419-FD

Tot Ion	Ratio	Lower	Upper
99	100		
42	34.2	11.8	17.8#
71	39.1	28.8	43.2

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#7

Naphthalene-d8

Concen: 0.400 ng

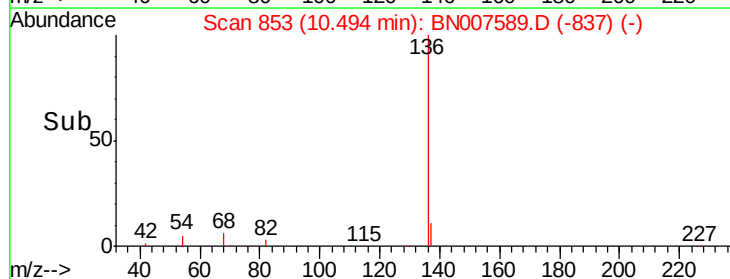
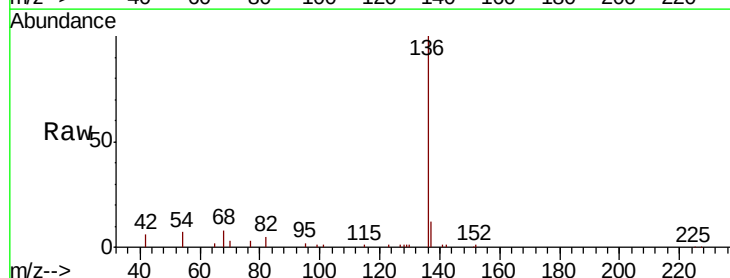
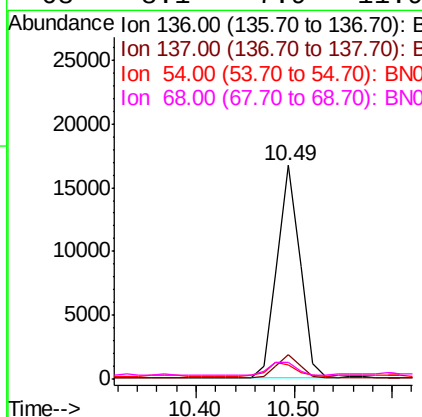
RT: 10.49 min Scan# 853

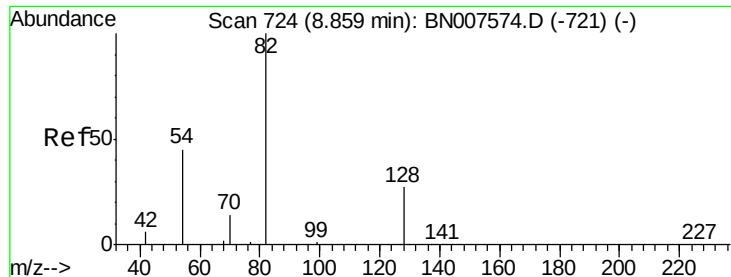
Delta R.T. 0.00 min

Lab File: BN007589.D

Acq: 11 Sep 2019 15:52

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.1	13.7
54	6.9	7.5	11.3#
68	8.1	7.9	11.9





#8

Nitrobenzene-d5

Concen: 0.536 ng

RT: 8.86 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN007589.D

Acq: 11 Sep 2019 15:52

Instrument :

BNA_N

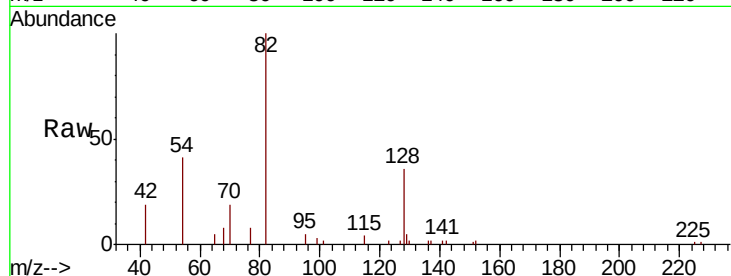
ClientSampleId :

GW507-K2-35.0-40.0-090419-FD

Tot Ion:	82	Resp:	8896
Ion Ratio	Lower	Upper	
82	100		
128	35.6	23.4	35.2#
54	40.7	38.2	57.2

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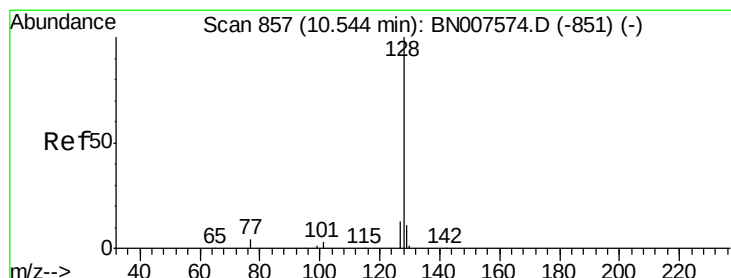
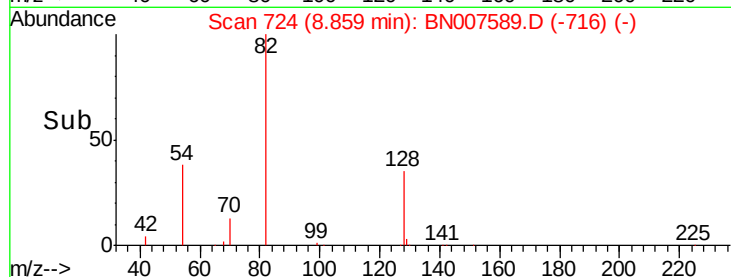
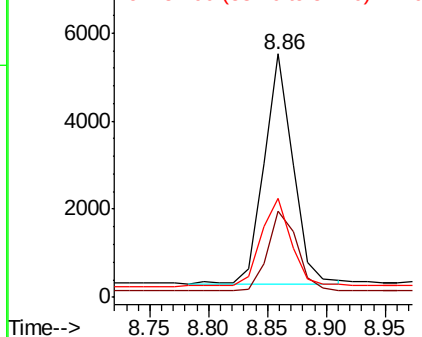


Abundance

Ion 82.00 (81.70 to 82.70): BN0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BN0



#9

Naphthalene

Concen: 0.085 ng

RT: 10.54 min Scan# 857

Delta R.T. 0.00 min

Lab File: BN007589.D

Acq: 11 Sep 2019 15:52

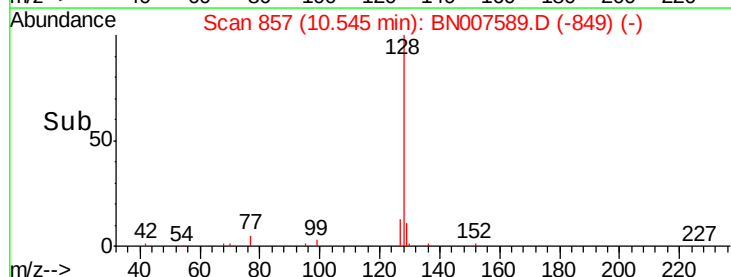
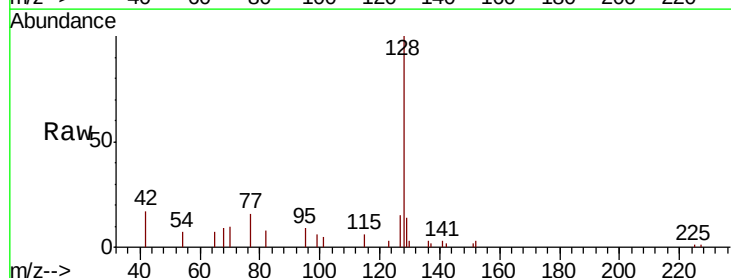
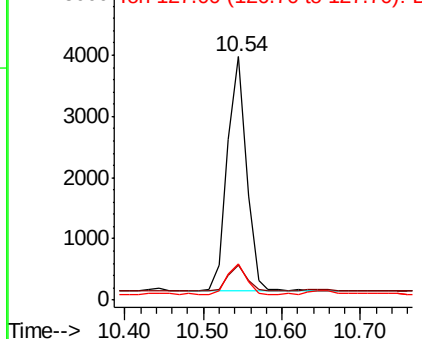
Tgt Ion:	128	Resp:	6481
Ion Ratio	Lower	Upper	
128	100		
129	14.5	9.3	13.9#
127	15.0	11.0	16.4

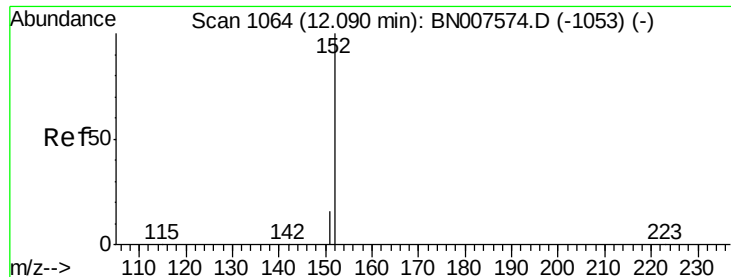
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





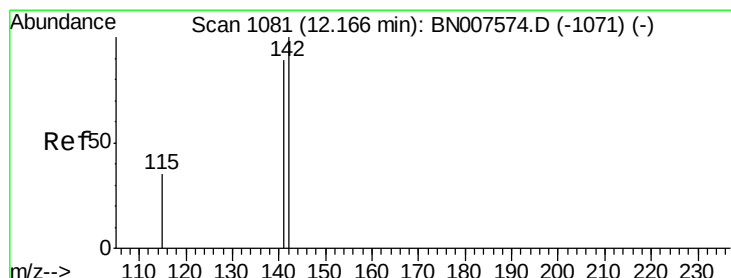
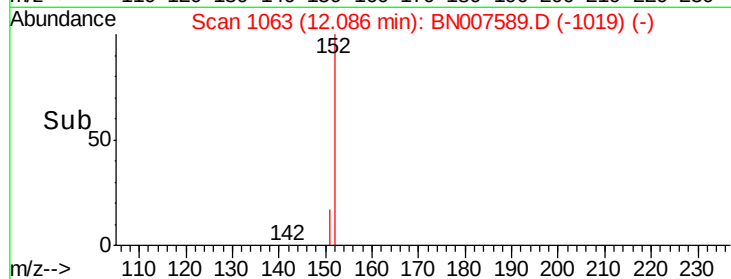
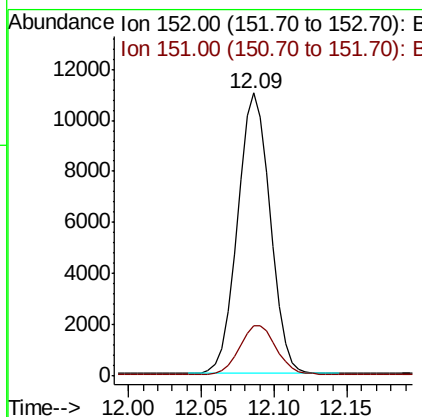
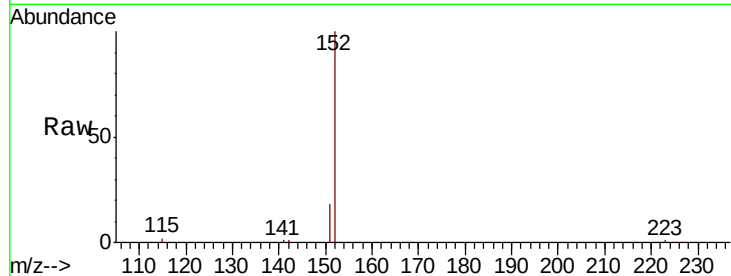
#11
 2-Methylnaphthalene-d10
 Concen: 0.366 ng
 RT: 12.09 min Scan# 1063
 Delta R.T. -0.00 min
 Lab File: BN007589.D
 Acq: 11 Sep 2019 15:52

Instrument :
 BNA_N
 ClientSampleId :
 GW507-K2-35.0-40.0-090419-FD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.3	22.9

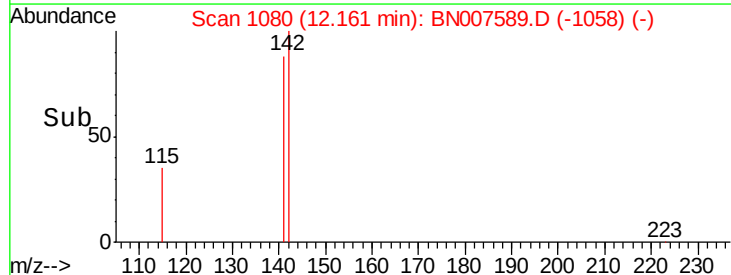
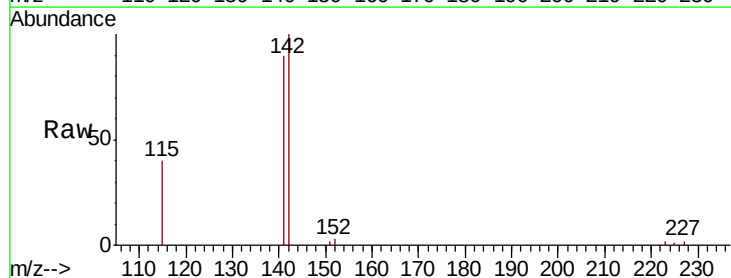
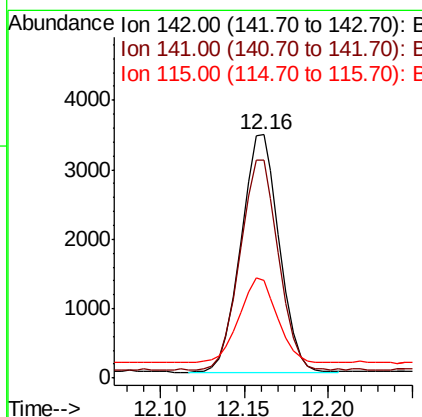
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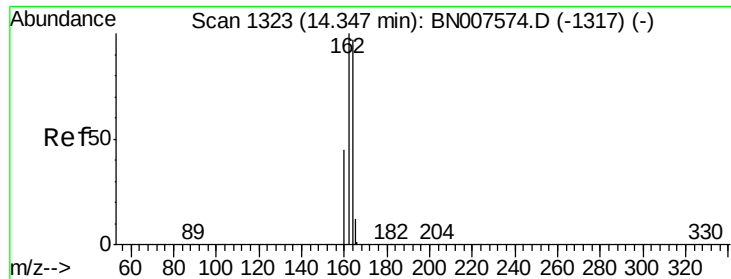
mohammad
 9/16/2019 9:00:54 AM



#12
 2-Methylnaphthalene
 Concen: 0.100 ng
 RT: 12.16 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: BN007589.D
 Acq: 11 Sep 2019 15:52

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.0	106.6
115	40.4	29.1	43.7





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.35 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BN007589.D

Acq: 11 Sep 2019 15:52

Instrument :

BNA_N

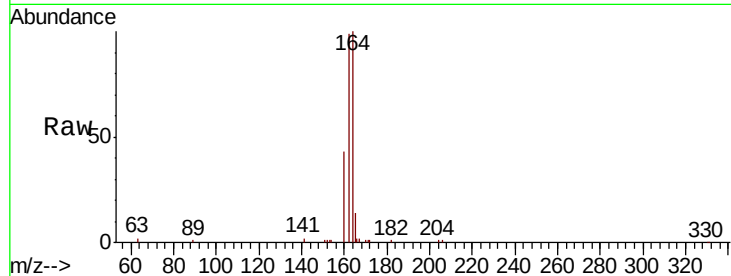
ClientSampleId :

GW507-K2-35.0-40.0-090419-FD

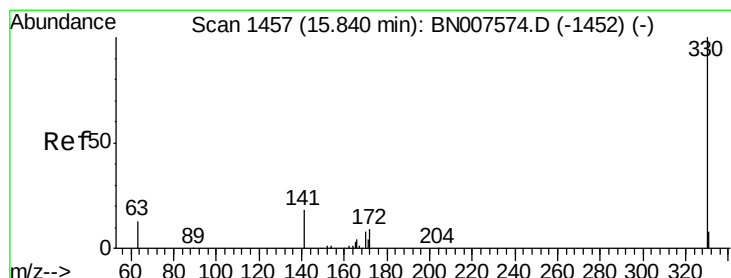
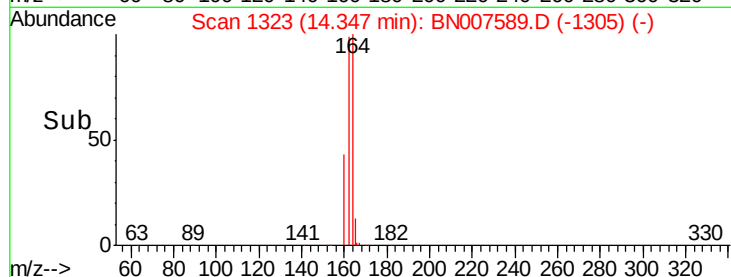
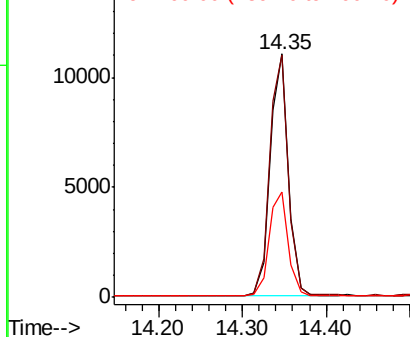
Tot Ion:	164	Resp:	16688
Ion Ratio	Lower	Upper	
164	100		
162	99.4	82.2	123.2
160	43.2	37.4	56.0

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.352 ng

RT: 15.83 min Scan# 1456

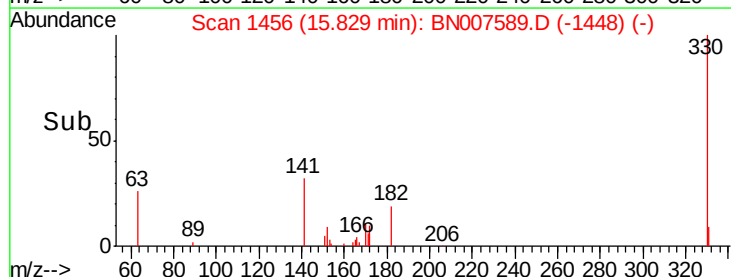
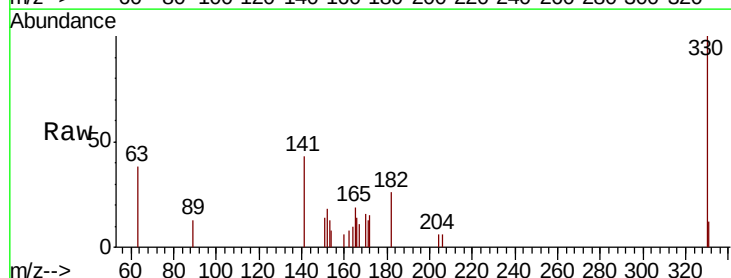
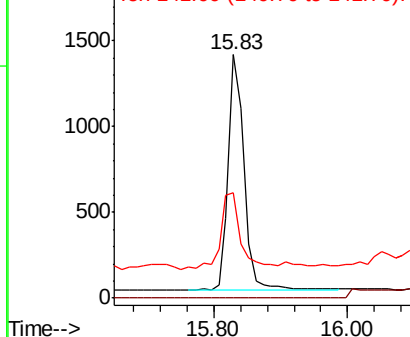
Delta R.T. -0.01 min

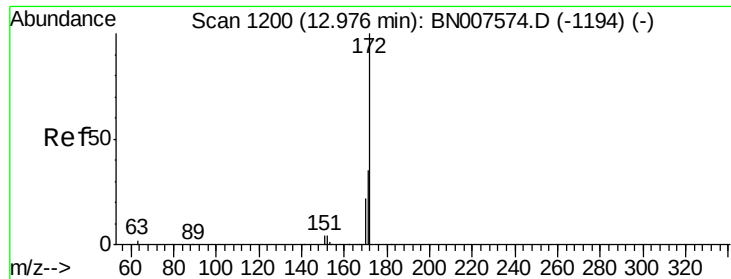
Lab File: BN007589.D

Acq: 11 Sep 2019 15:52

Tgt Ion:	330	Resp:	2235
Ion Ratio	Lower	Upper	
330	100		
332	0.0	0.0	0.0
141	38.9	30.6	45.8

Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





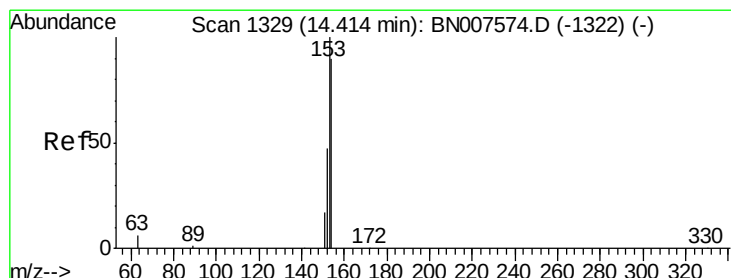
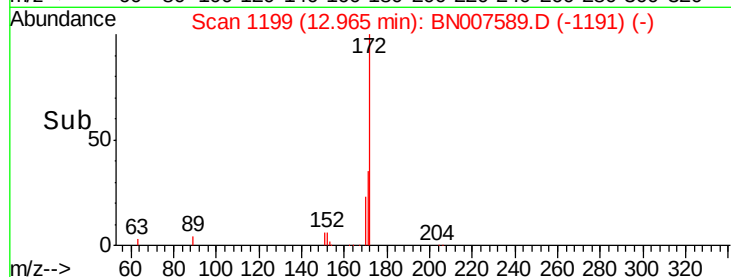
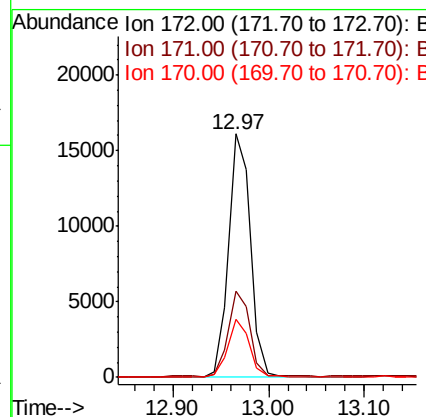
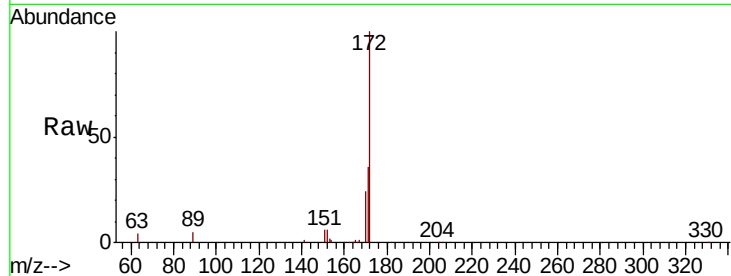
#15
2-Fluorobiphenyl
Concen: 0.367 ng
RT: 12.97 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BN007589.D
Acq: 11 Sep 2019 15:52

Instrument :
BNA_N
ClientSampleId :
GW507-K2-35.0-40.0-090419-FD

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.2
170	23.7	18.3	27.5

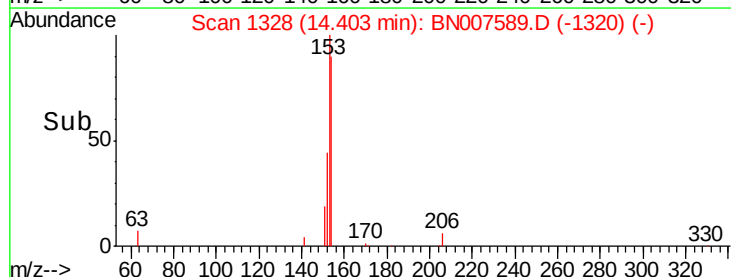
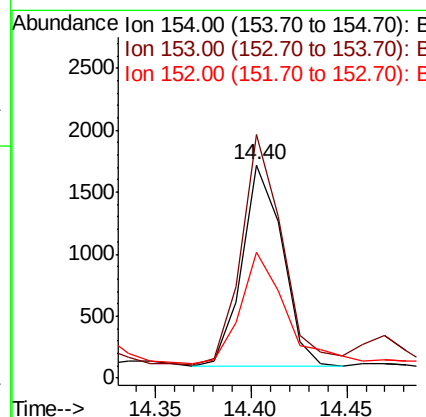
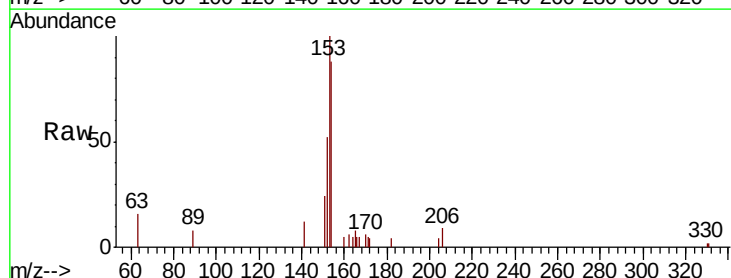
Manual Integrations
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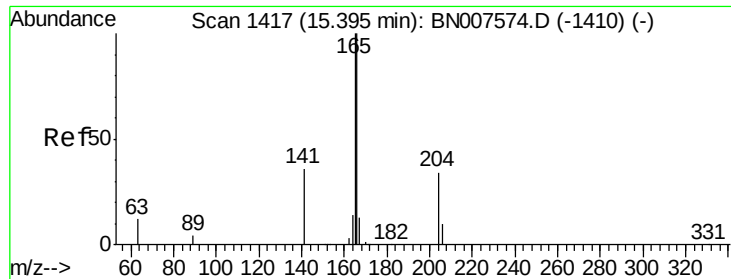
mohammad
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#17
Acenaphthene
Concen: 0.042 ng
RT: 14.40 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BN007589.D
Acq: 11 Sep 2019 15:52

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.7	89.4	134.2
152	63.0	43.4	65.0





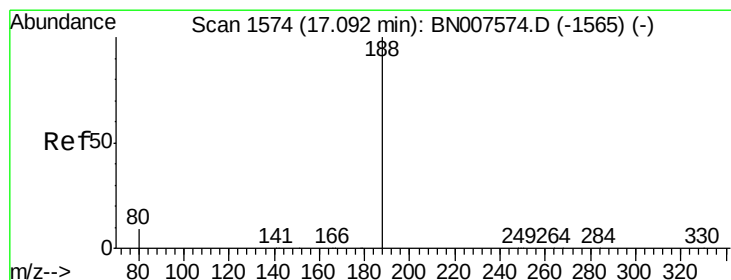
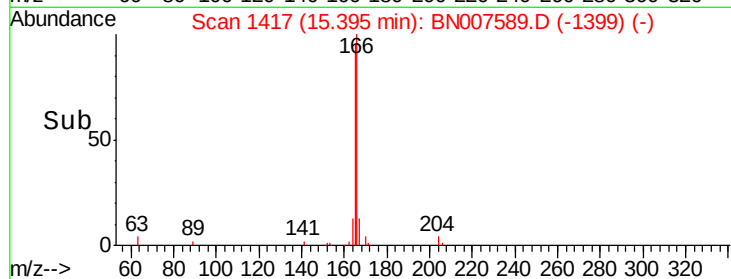
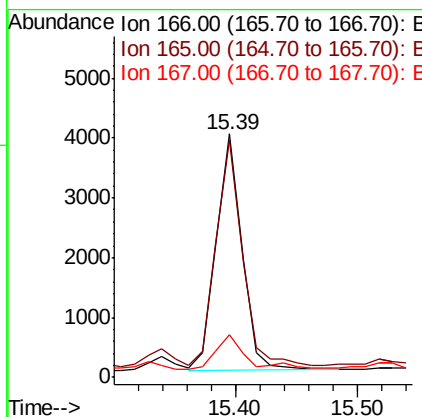
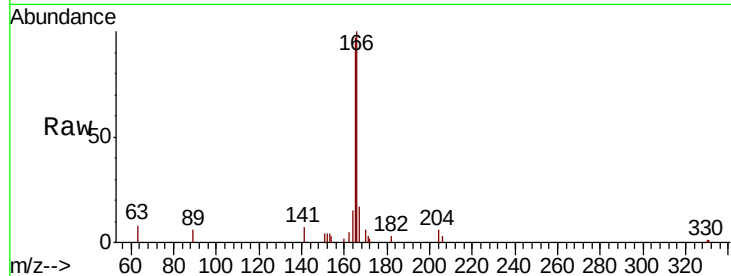
#18
Fluorene
Concen: 0.077 ng
RT: 15.39 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BN007589.D
Acq: 11 Sep 2019 15:52

Instrument :
BNA_N
ClientSampleId :
GW507-K2-35.0-40.0-090419-FD

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.8	116.6
167	15.0	11.0	16.4

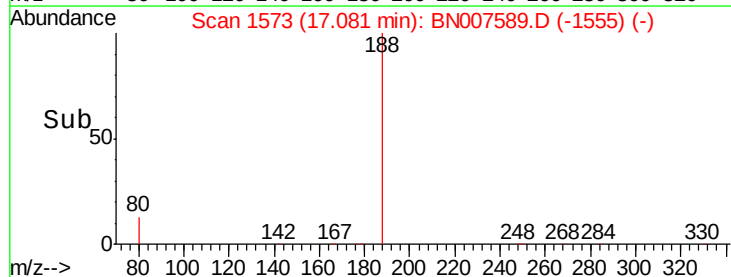
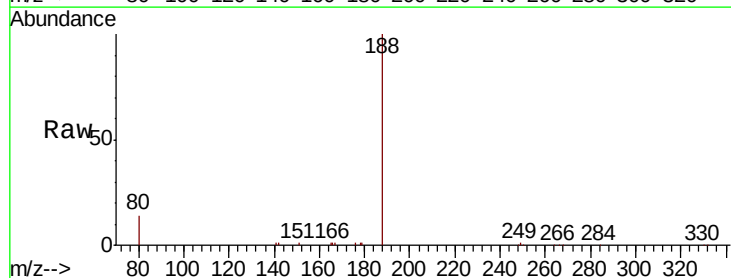
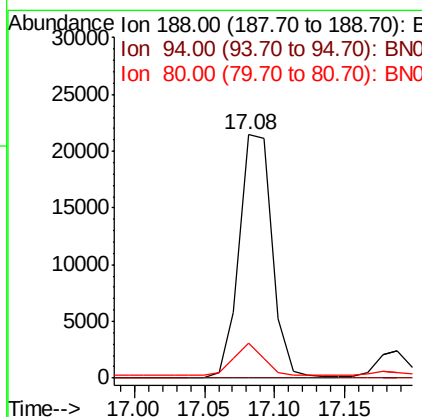
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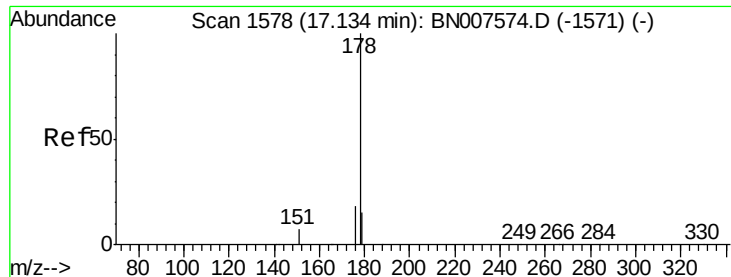
mohammad
9/16/2019 9:00:54 AM



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BN007589.D
Acq: 11 Sep 2019 15:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	8.1	12.1





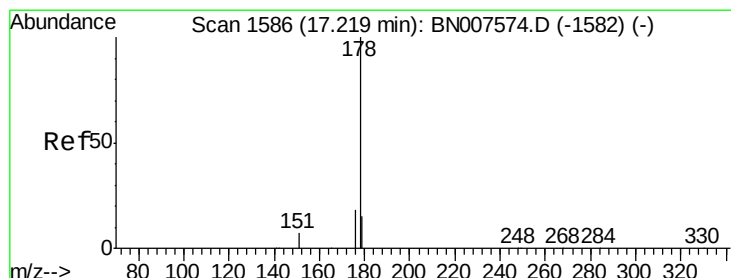
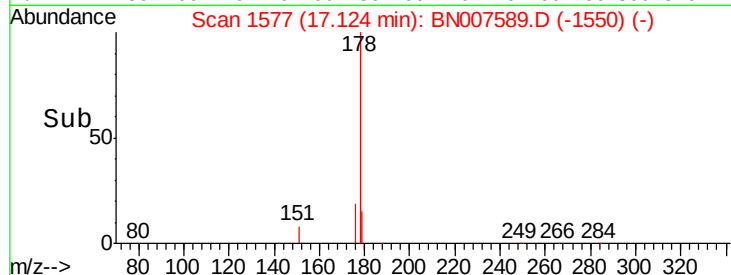
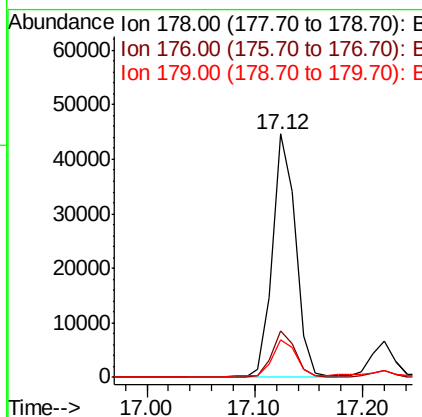
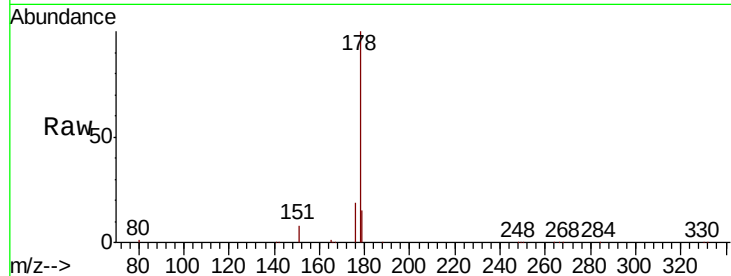
#23
Phenanthrene
Concen: 0.613 ng
RT: 17.12 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BN007589.D
Acq: 11 Sep 2019 15:52

Instrument :
BNA_N
ClientSampleId :
GW507-K2-35.0-40.0-090419-FD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	15.5	12.2	18.2

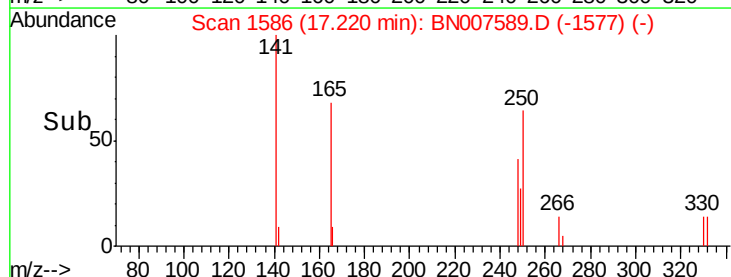
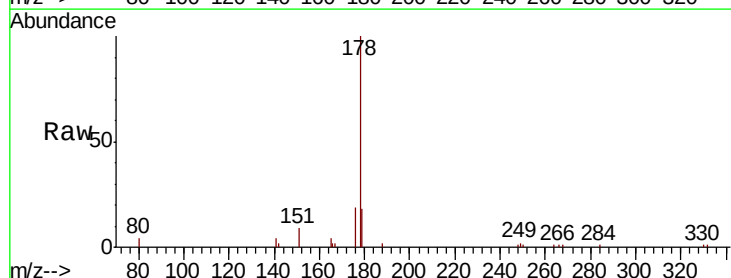
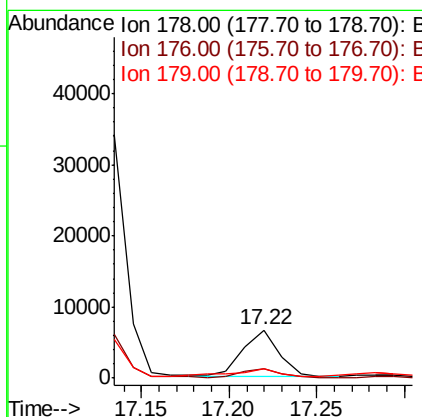
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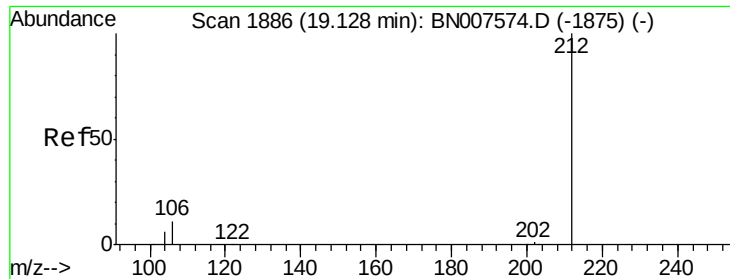
mohammad
9/16/2019 9:00:54 AM



#24
Anthracene
Concen: 0.091 ng
RT: 17.22 min Scan# 1586
Delta R.T. 0.00 min
Lab File: BN007589.D
Acq: 11 Sep 2019 15:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.6	14.4	21.6
179	21.6	12.5	18.7





#25

Fluoranthene-d10

Concen: 0.395 ng

RT: 19.12 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BN007589.D

Acq: 11 Sep 2019 15:52

Instrument :

BNA_N

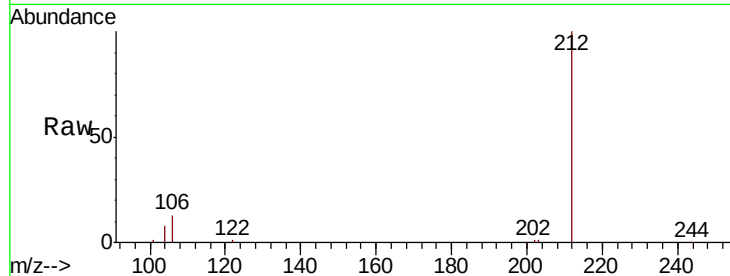
ClientSampleId :

GW507-K2-35.0-40.0-090419-FD

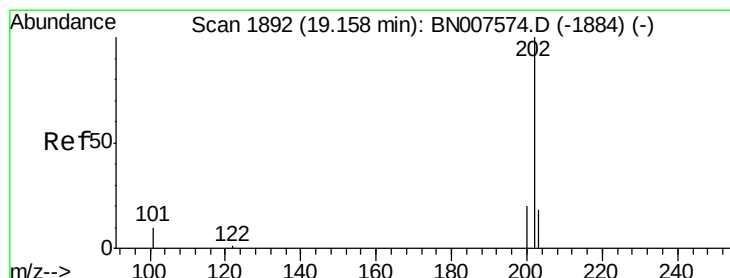
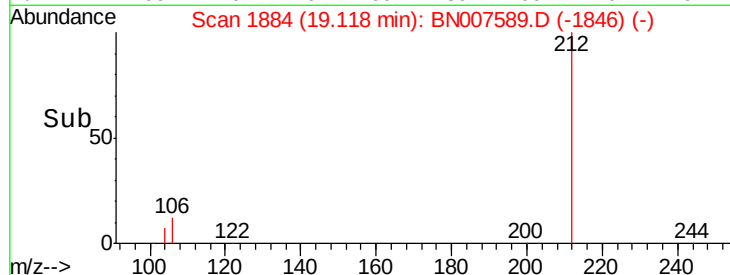
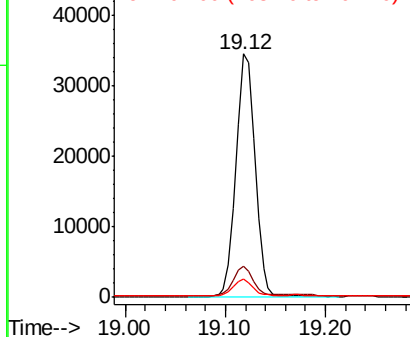
Tot Ion:	212	Resp:	44606
Ion Ratio	Lower	Upper	
212	100		
106	12.3	9.7	14.5
104	7.1	5.5	8.3

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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: 0.413 ng

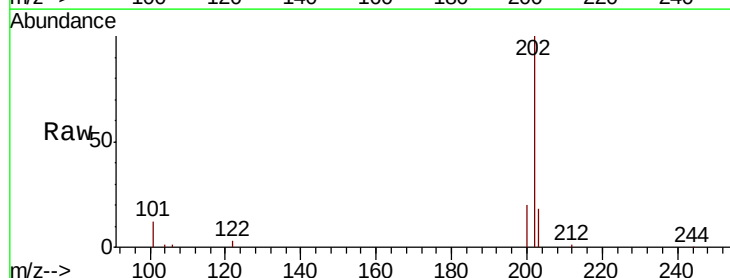
RT: 19.15 min Scan# 1890

Delta R.T. -0.01 min

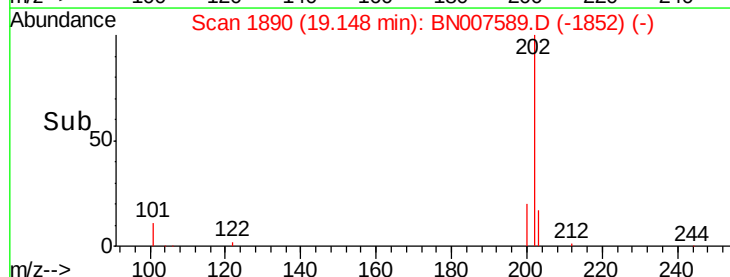
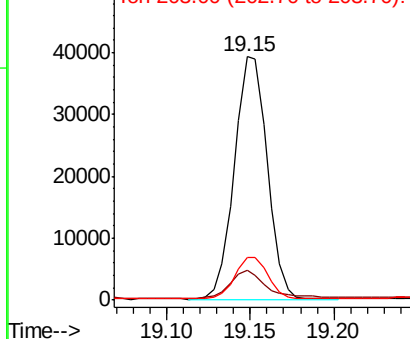
Lab File: BN007589.D

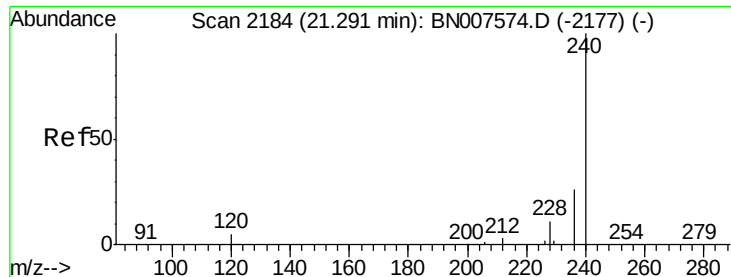
Acq: 11 Sep 2019 15:52

Tgt Ion:	202	Resp:	53736
Ion Ratio	Lower	Upper	
202	100		
101	12.9	8.8	13.2
203	17.3	13.8	20.8



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





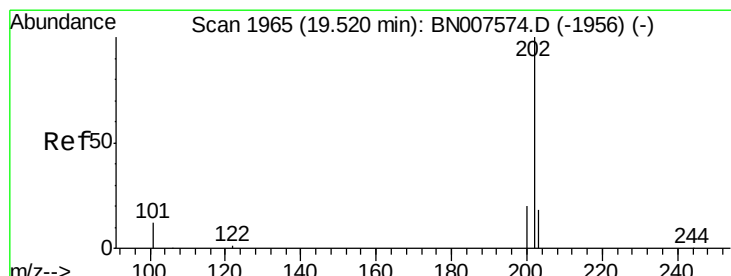
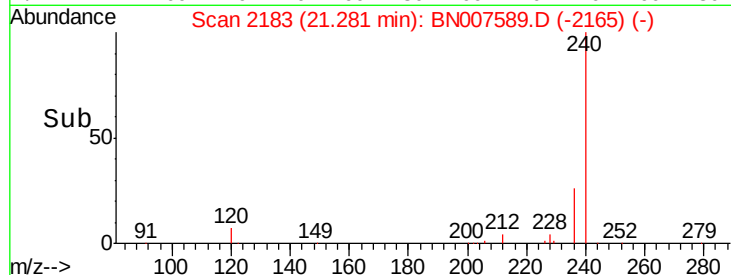
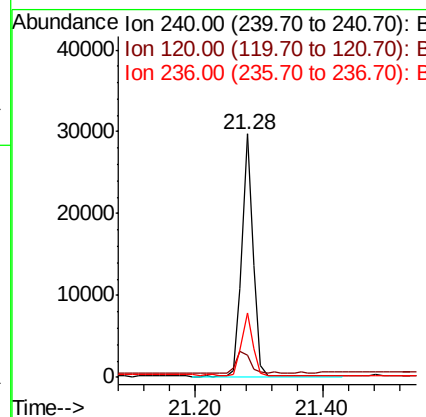
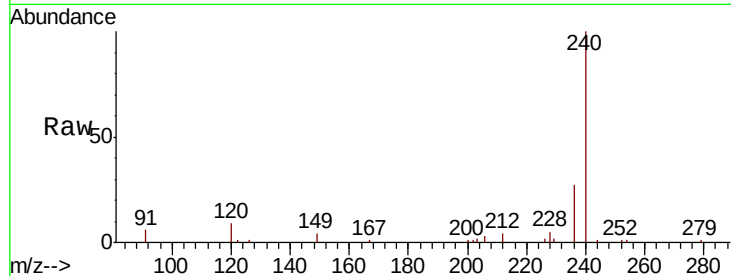
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN007589.D
Acq: 11 Sep 2019 15:52

Instrument :
BNA_N
ClientSampleId :
GW507-K2-35.0-40.0-090419-FD

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.0	5.0	7.4#
236	26.6	20.6	31.0

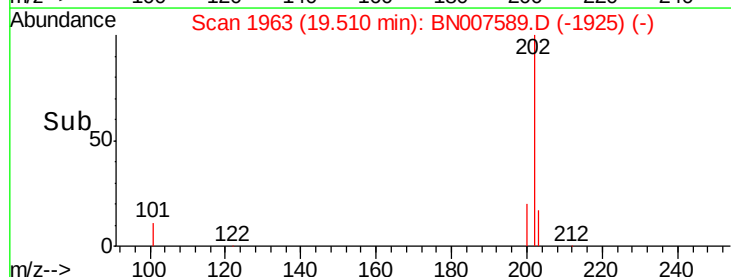
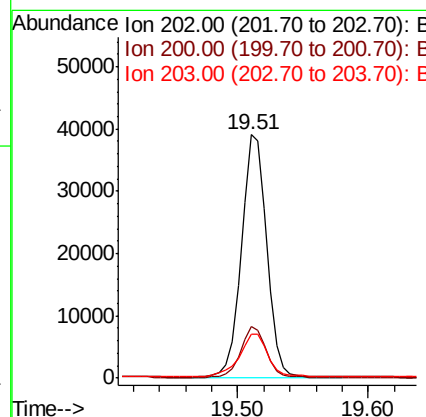
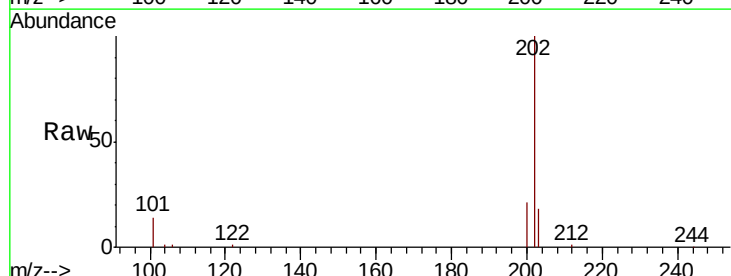
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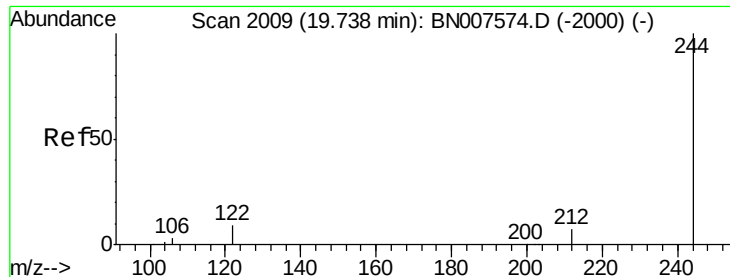
mohammad
9/16/2019 9:00:54 AM



#28
Pyrene
Concen: 0.407 ng
RT: 19.51 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BN007589.D
Acq: 11 Sep 2019 15:52

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	19.9	14.1	21.1





#29

Terphenyl-d14

Concen: 0.478 ng

RT: 19.73 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BN007589.D

Acq: 11 Sep 2019 15:52

Instrument :

BNA_N

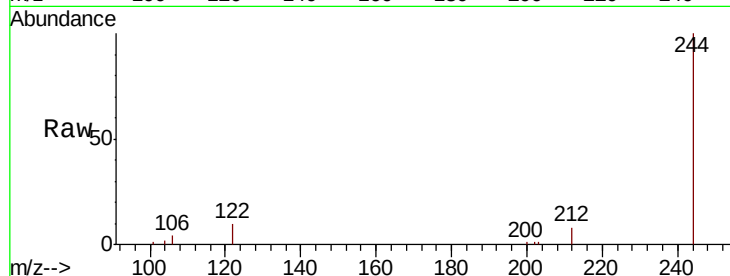
ClientSampleId :

GW507-K2-35.0-40.0-090419-FD

Tot Ion:	244	Resp:	44808
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.8	8.8
122	10.5	7.8	11.6

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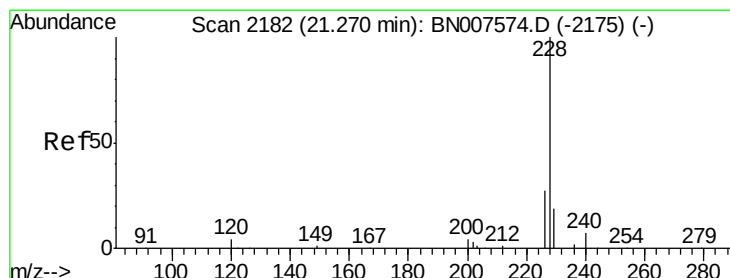
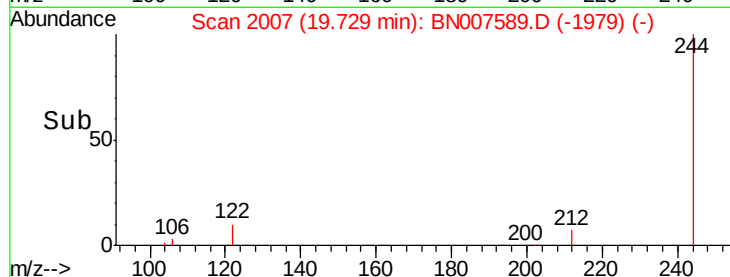
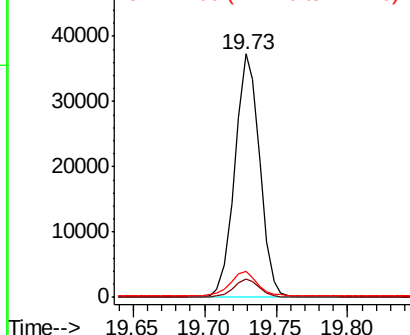


Abundance

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: 0.056 ng m

RT: 21.27 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BN007589.D

Acq: 11 Sep 2019 15:52

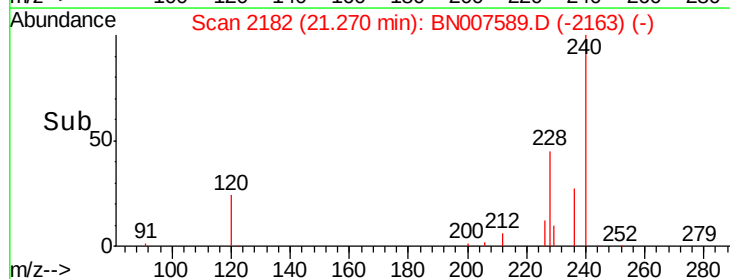
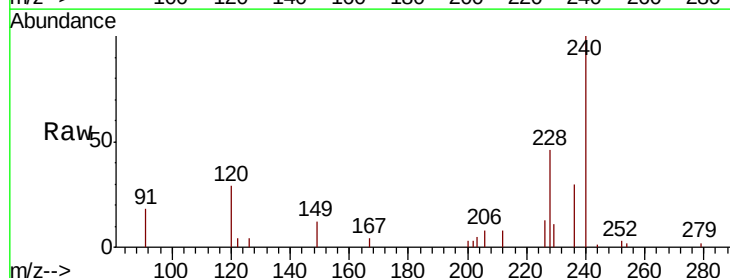
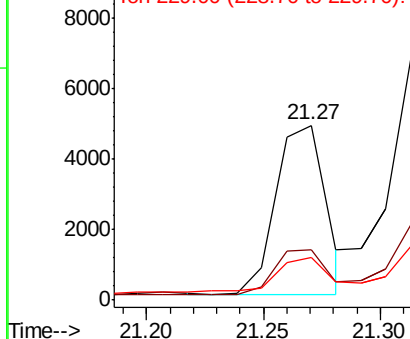
Tgt Ion:	228	Resp:	7204
Ion Ratio	Lower	Upper	
228	100		
226	29.2	21.6	32.4
229	24.5	15.7	23.5#

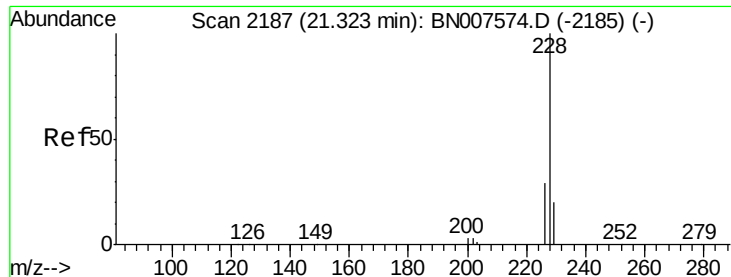
Abundance

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





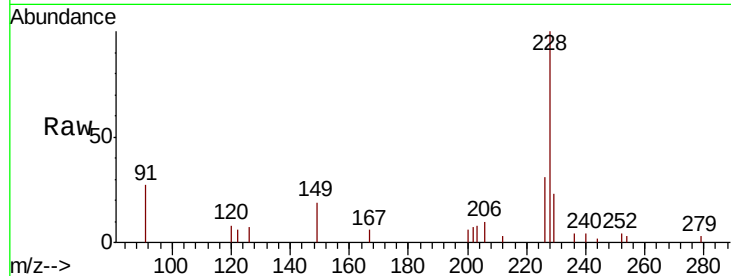
#31
Chrysene
Concen: 0.080 ng
RT: 21.31 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BN007589.D
Acq: 11 Sep 2019 15:52

Instrument :
BNA_N
ClientSampleId :
GW507-K2-35.0-40.0-090419-FD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.2
229	22.5	15.7	23.5

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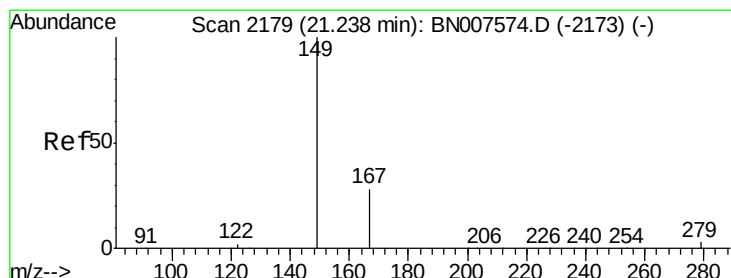
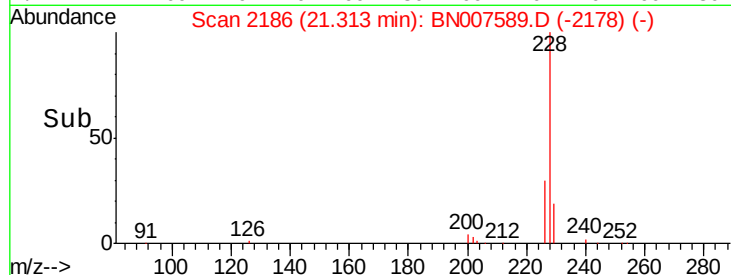
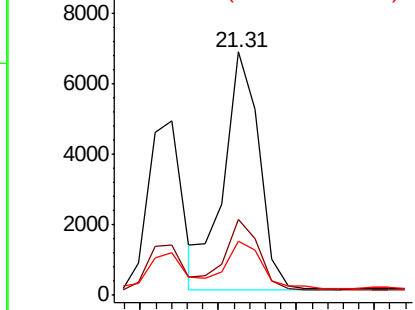


Abundance

Ion 228.00 (227.70 to 228.70): E

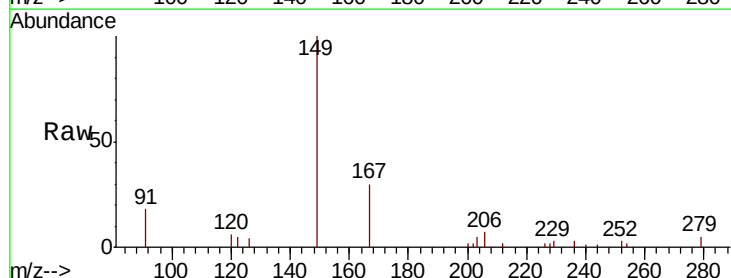
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.234 ng
RT: 21.23 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BN007589.D
Acq: 11 Sep 2019 15:52

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.1	33.1
279	5.8	3.9	5.9

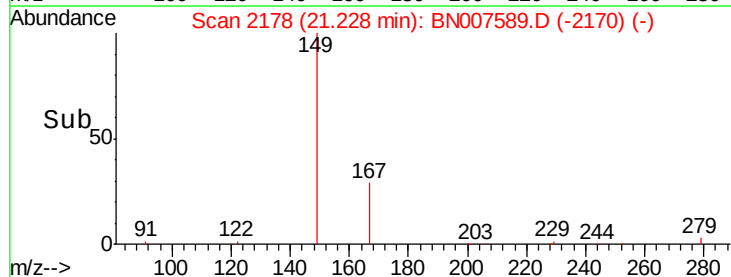
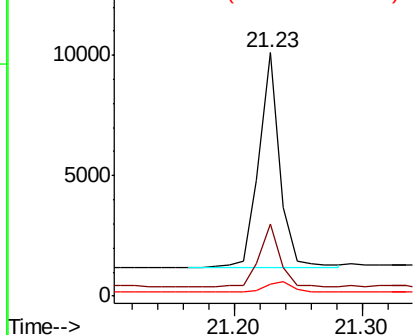


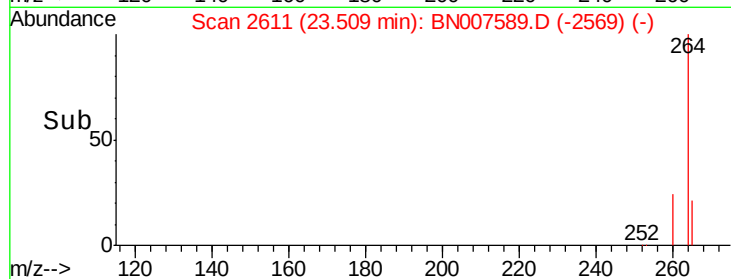
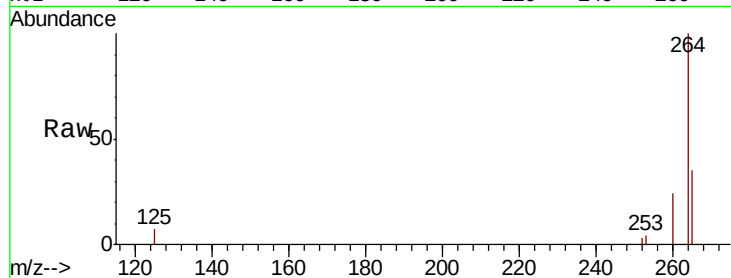
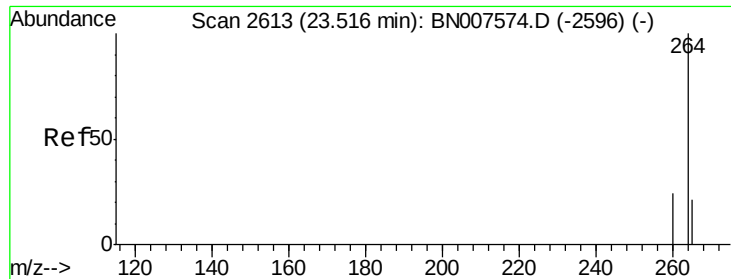
Abundance

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





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 23.51 min Scan# 2611
 Delta R.T. -0.01 min
 Lab File: BN007589.D
 Acq: 11 Sep 2019 15:52

Tot Ion:	264	Resp:	39473
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.3	28.9
265	34.6	25.6	38.4

Instrument :
 BNA_N
 ClientSampleId :
 GW507-K2-35.0-40.0-090419-FD

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 9/16/2019 9:00:54 AM

