

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
 Data File : BN012601.D
 Acq On : 18 Nov 2020 19:30
 Operator : CG/JU
 Sample : L4726-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DBGE6

Manual Integrations
 APPROVED

mohammad
 11/20/2020 11:29:52 AM

Quant Time: Nov 19 05:15:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 18 14:31:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	146471	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	605777	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	397209	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	844052	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	897363	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	909387	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	21355	5.20	ng/uL	0.00
5) Phenol-d5	6.63	99	74503	5.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	236079	30.08	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	244812	23.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	147271	13.52	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	153668	30.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	174338	31.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	288799	27.53	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.53	166	1160125	35.76	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1320426	34.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	28332m	4.66	ng/ul	0.00
58) Fluorene-d10	15.10	176	962209	33.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	199182	34.59	ng/ul	0.00
71) Anthracene-d10	16.96	188	1558416	36.35	ng/ul	0.00
79) Pyrene-d10	19.26	212	1700521	36.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1791180	36.04	ng/ul	0.00

Target Compounds

					Ovalue	
24) 2,4-Dimethylphenol	9.45	107	32416	2.555	ng/ul	94
28) Naphthalene	10.28	128	22323652m	637.464	ng/ul	
34) 2-Methylnaphthalene	11.89	142	1646883	67.383	ng/ul	99
40) 2,4,5-Trichlorophenol	12.59	196	13418	1.568	ng/ul#	80
41) 1,1'-Biphenyl	12.93	154	526928	16.005	ng/ul	98
45) Dimethylphthalate	13.57	163	80234	2.455	ng/ul	99
48) Acenaphthylene	13.82	152	124653	3.214	ng/ul#	94
50) Acenaphthene	14.17	153	1519586	53.655	ng/ul	97
54) Dibenzofuran	14.51	168	1521750	38.759	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	14.74	232	53778	7.246	ng/ul	95
59) Fluorene	15.16	166	722366	22.019	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.25	198	48706	7.971	ng/ul#	72
69) Pentachlorophenol	16.51	266	215083	32.268	ng/ul	87
70) Phenanthrene	16.90	178	1048579	20.207	ng/ul	99
72) Anthracene	16.99	178	92274	1.754	ng/ul	98
75) Carbazole	17.27	167	3917128	87.244	ng/ul	99
77) Fluoranthene	18.93	202	93538	1.567	ng/ul	98

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

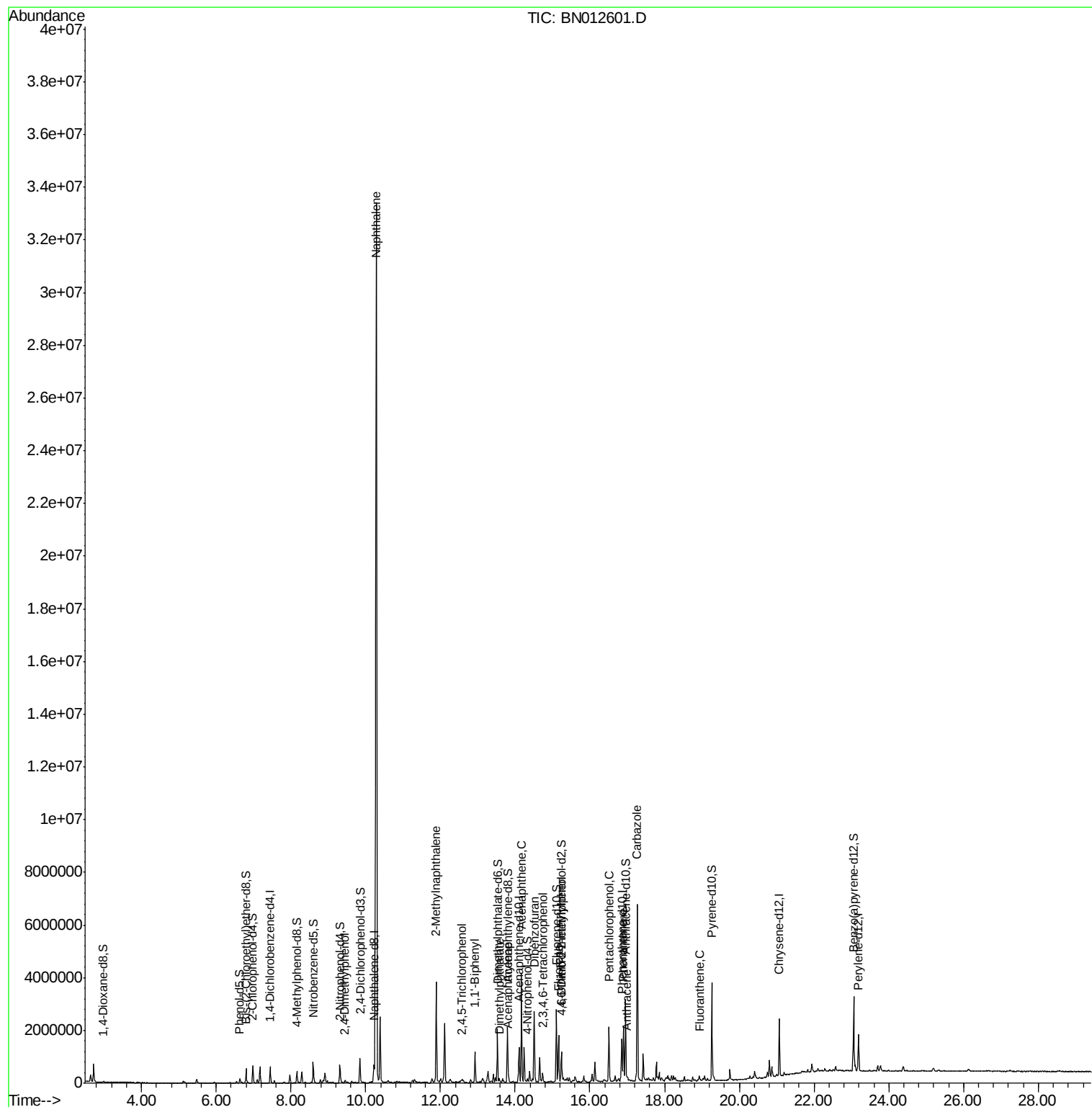
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012601.D
Acq On : 18 Nov 2020 19:30
Operator : CG/JU
Sample : L4726-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

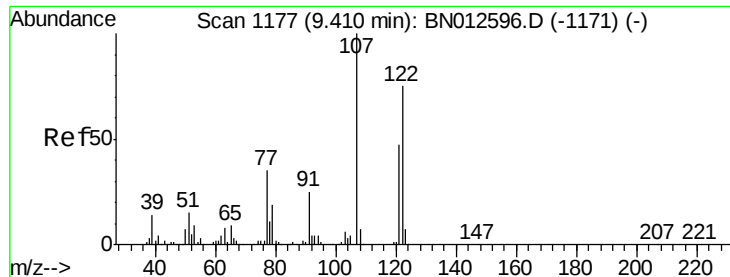
Instrument :
BNA_N
ClientSampleId :
DBGE6

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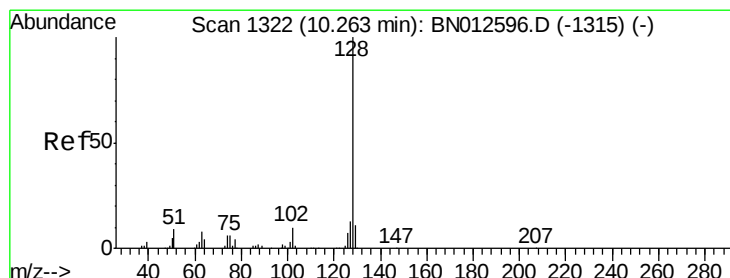
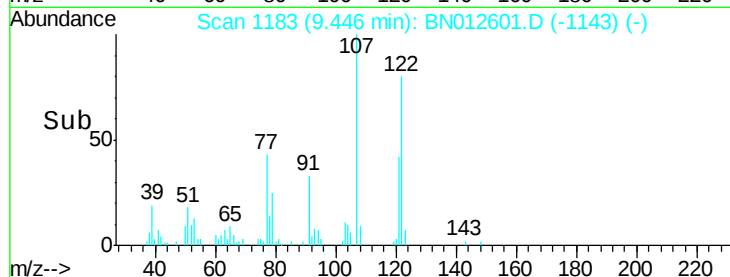
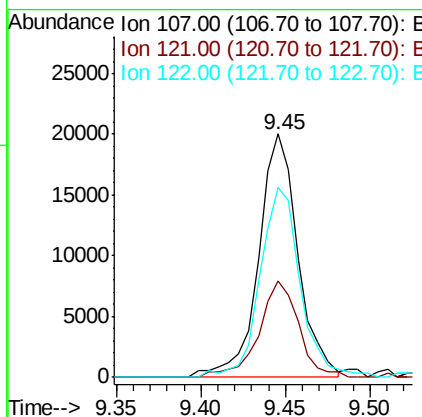
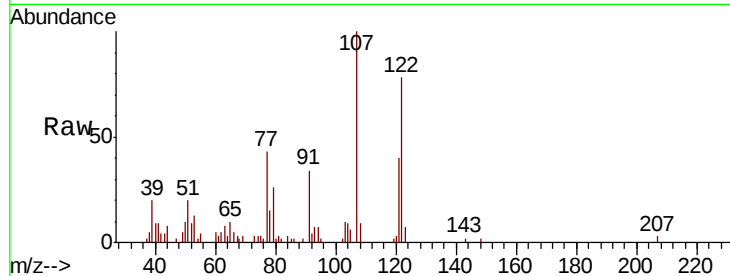
#24
2,4-Dimethylphenol
Concen: 2.555 ng/ul
RT: 9.45 min Scan# 1183
Delta R.T. 0.04 min
Lab File: BN012601.D
Acq: 18 Nov 2020 19:30

Instrument :
BNA_N
ClientSampled :
DBGE6

Tot Ion	Ratio	Lower	Upper
107	100		
121	39.7	39.3	58.9
122	77.7	61.7	92.5

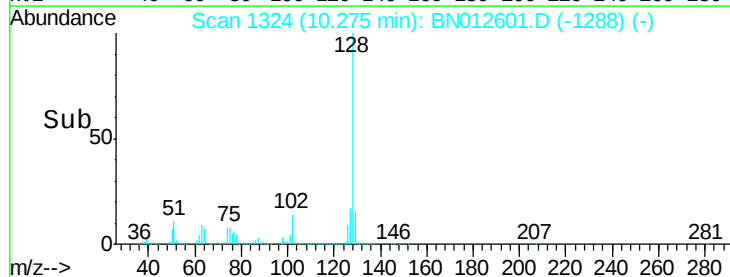
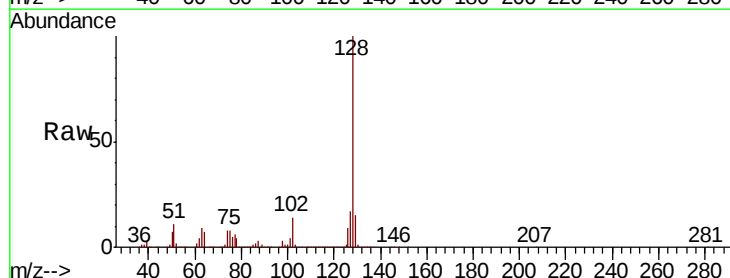
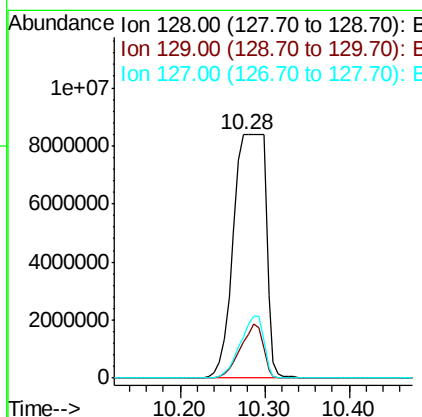
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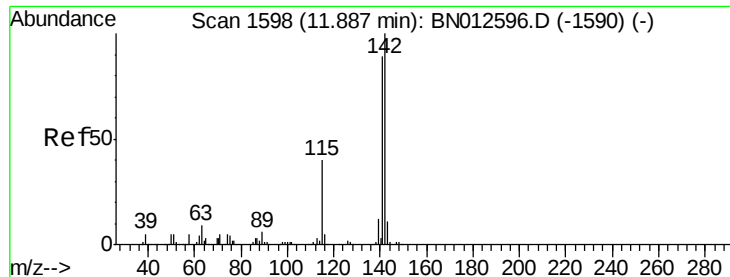
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#28
Naphthalene
Concen: 637.464 ng/ul m
RT: 10.28 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BN012601.D
Acq: 18 Nov 2020 19:30

Tgt Ion	Ratio	Lower	Upper
128	100		
129	14.9	8.6	12.8#
127	17.0	11.6	17.4





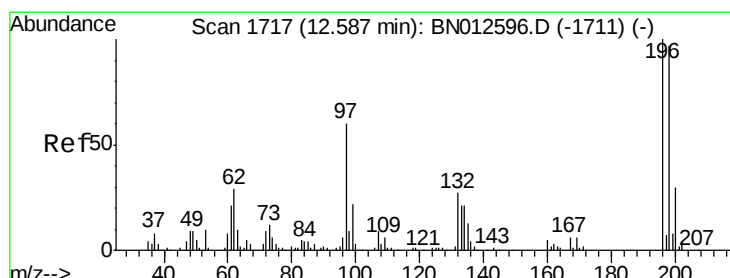
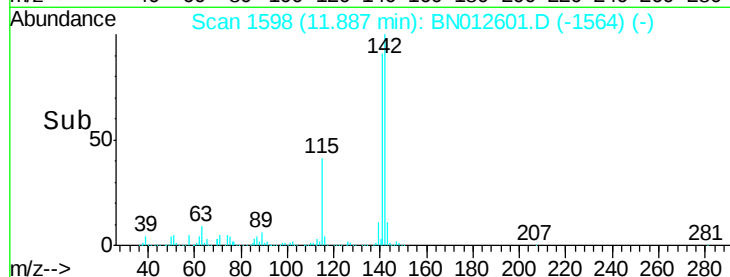
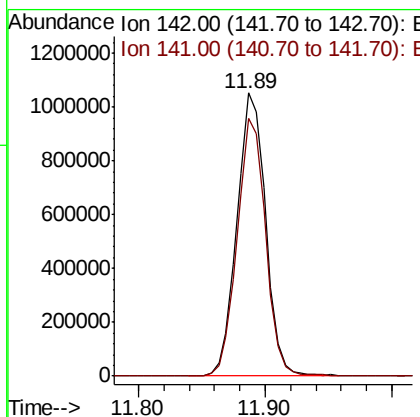
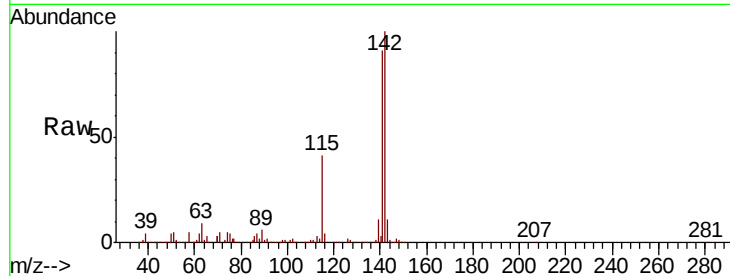
#34
 2-Methylnaphthalene
 Concen: 67.383 ng/ul
 RT: 11.89 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BN012601.D
 Acq: 18 Nov 2020 19:30

Instrument :
 BNA_N
 ClientSampleID :
 DBGE6

Tot Ion:142 Resp: 1646883
 Ion Ratio Lower Upper
 142 100
 141 90.9 73.8 110.8

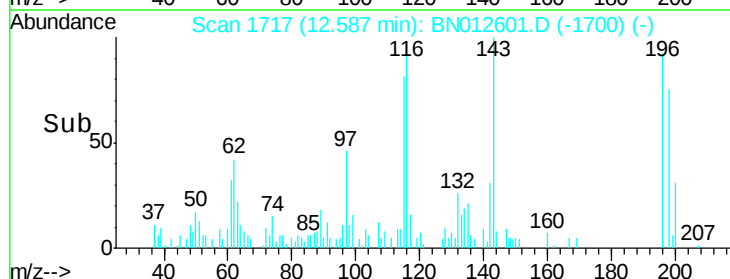
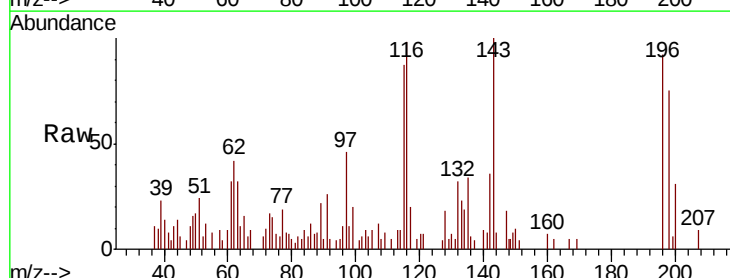
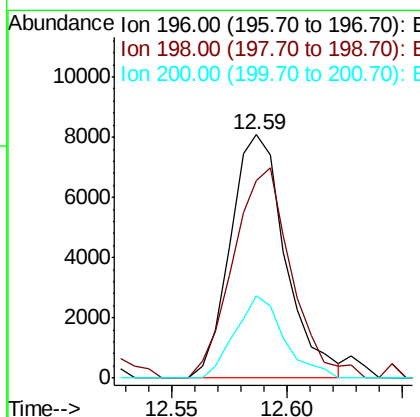
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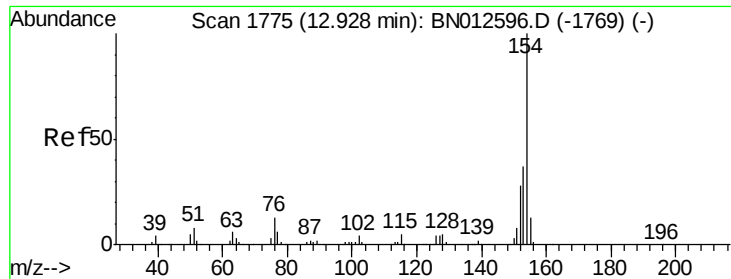
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#40
 2,4,5-Trichlorophenol
 Concen: 1.568 ng/ul
 RT: 12.59 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BN012601.D
 Acq: 18 Nov 2020 19:30

Tgt Ion:196 Resp: 13418
 Ion Ratio Lower Upper
 196 100
 198 81.3 83.8 125.6#
 200 34.0 23.8 35.6





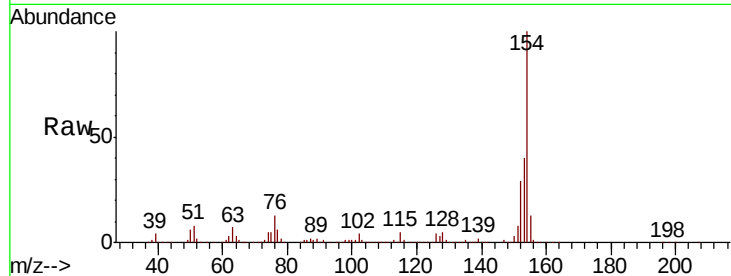
#41
 1,1'-Biphenyl
 Concen: 16.005 ng/ul
 RT: 12.93 min Scan# 1775
 Delta R.T. 0.00 min
 Lab File: BN012601.D
 Acq: 18 Nov 2020 19:30

Instrument :
 BNA_N
 ClientSampled :
 DBGE6

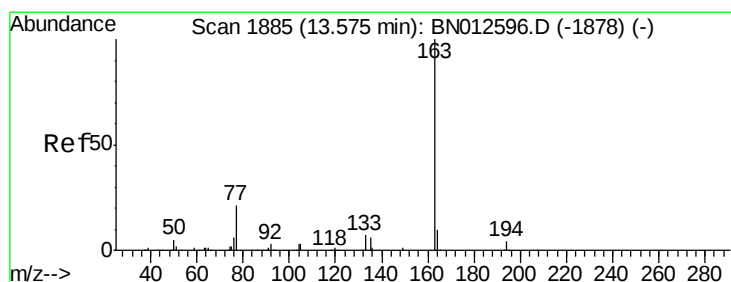
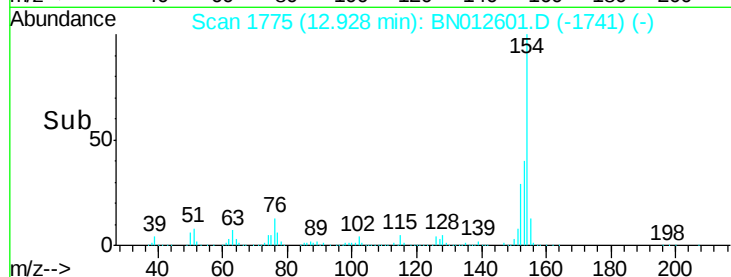
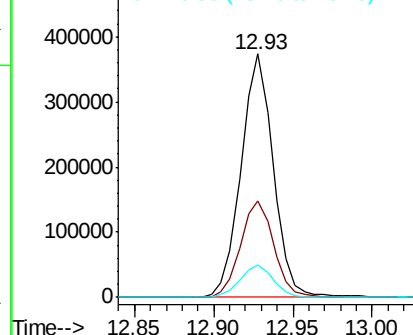
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.6	31.4	47.0
76	13.4	9.3	13.9

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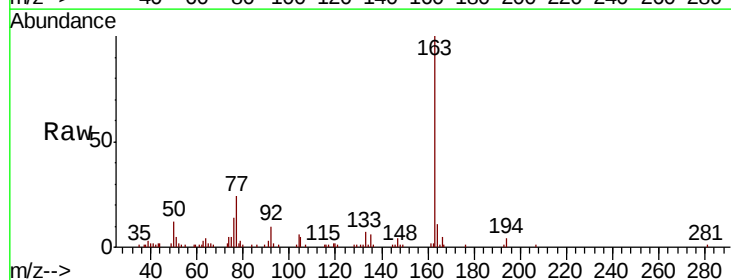


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BNC

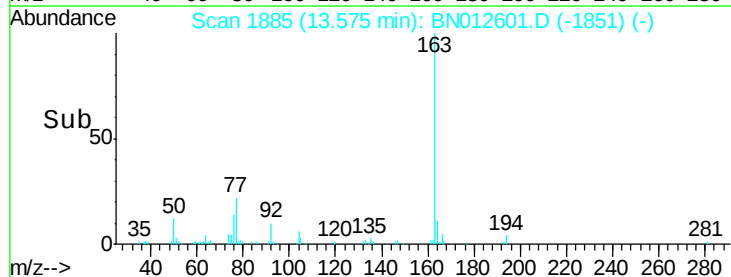
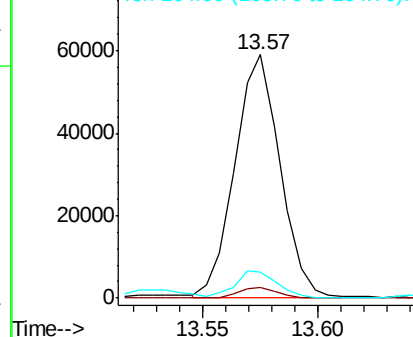


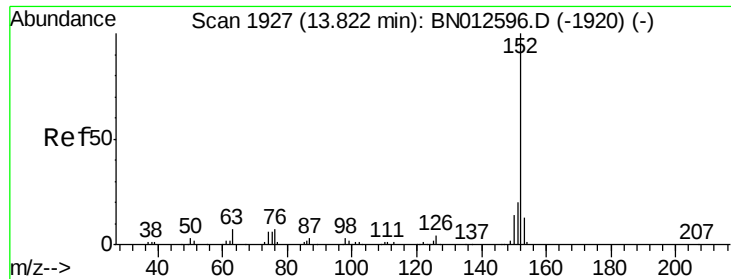
#45
 Dimethylphthalate
 Concen: 2.455 ng/ul
 RT: 13.57 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: BN012601.D
 Acq: 18 Nov 2020 19:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.0	4.4
164	10.6	8.6	13.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#48

Acenaphthylene

Concen: 3.214 ng/ul

RT: 13.82 min Scan# 1927

Delta R.T. 0.00 min

Lab File: BN012601.D

Acq: 18 Nov 2020 19:30

Instrument :

BNA_N

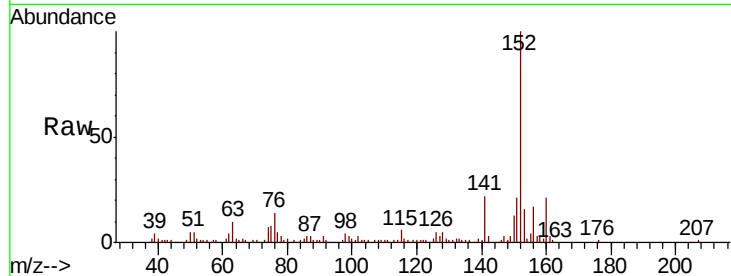
ClientSampled :

DBGE6

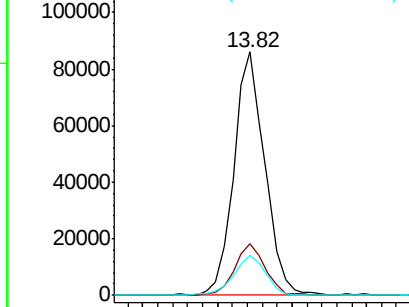
Tot Ion:	152	Resp:	124653
Ion Ratio	Lower	Upper	
152	100		
151	21.2	15.5	23.3
153	16.4	10.5	15.7#

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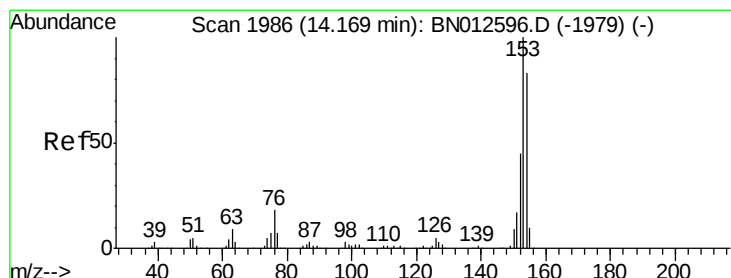
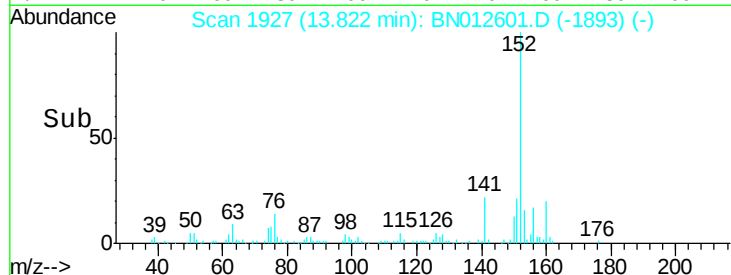
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Time-->



#50

Acenaphthene

Concen: 53.655 ng/ul

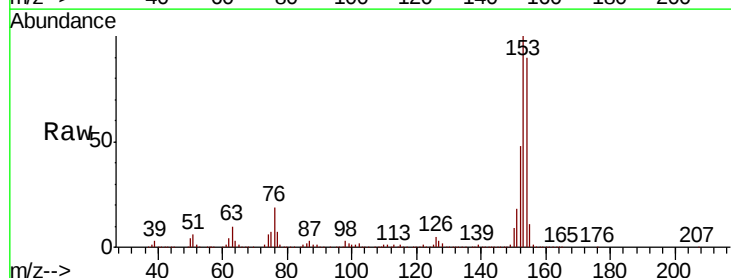
RT: 14.17 min Scan# 1986

Delta R.T. 0.00 min

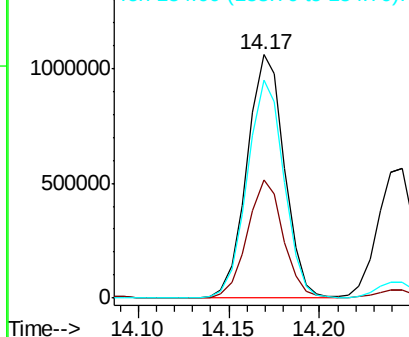
Lab File: BN012601.D

Acq: 18 Nov 2020 19:30

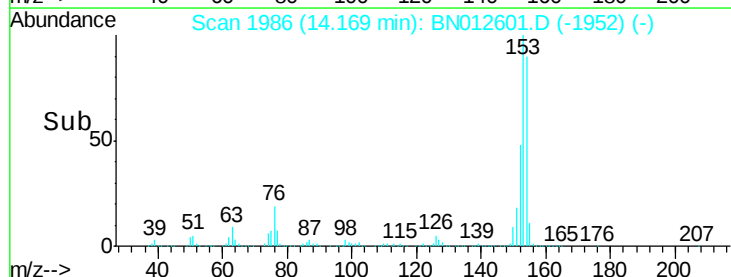
Tgt Ion:	153	Resp:	1519586
Ion Ratio	Lower	Upper	
153	100		
152	48.3	37.1	55.7
154	89.5	69.7	104.5

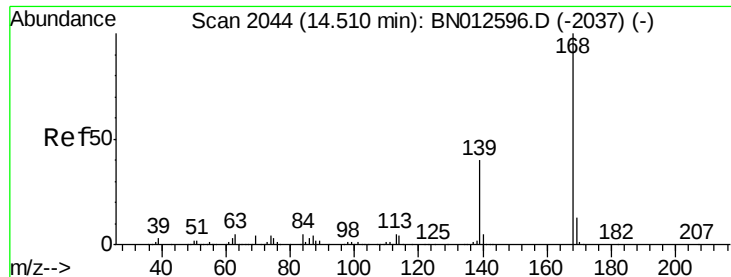


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



Time-->





#54

Dibenzofuran

Concen: 38.759 ng/ul

RT: 14.51 min Scan# 2044

Delta R.T. 0.00 min

Lab File: BN012601.D

Acq: 18 Nov 2020 19:30

Instrument :

BNA_N

ClientSampleID :

DBGE6

Tot Ion:168 Resp: 1521750

Ion Ratio Lower Upper

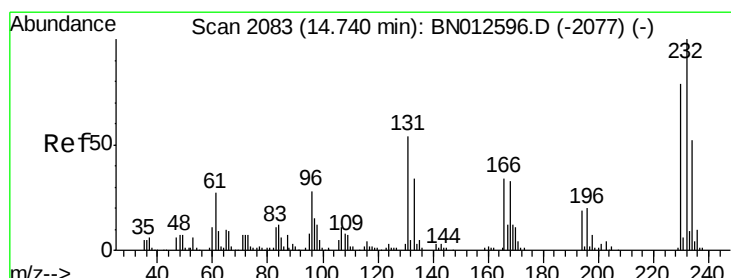
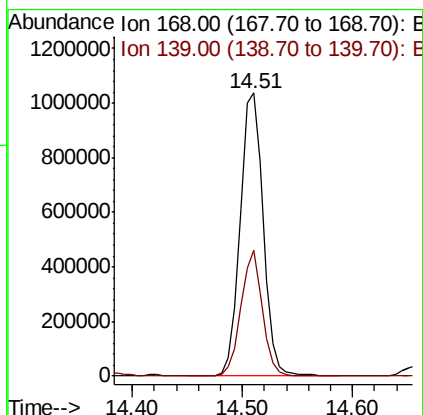
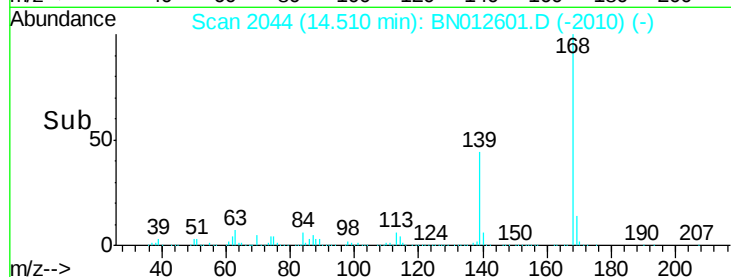
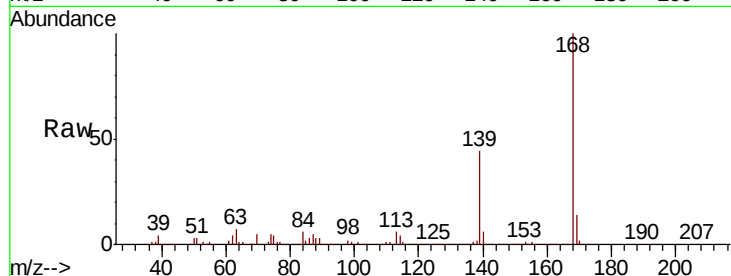
168 100

139 44.3 30.5 45.7

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#56

2,3,4,6-Tetrachlorophenol

Concen: 7.246 ng/ul

RT: 14.74 min Scan# 2083

Delta R.T. 0.00 min

Lab File: BN012601.D

Acq: 18 Nov 2020 19:30

Tgt Ion:232 Resp: 53778

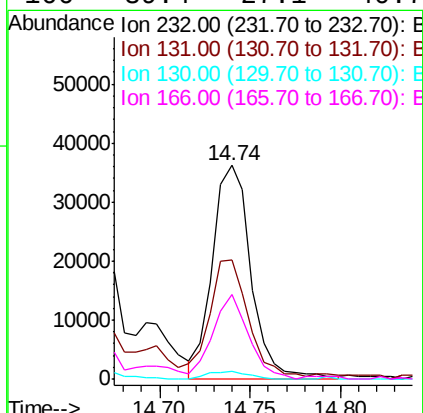
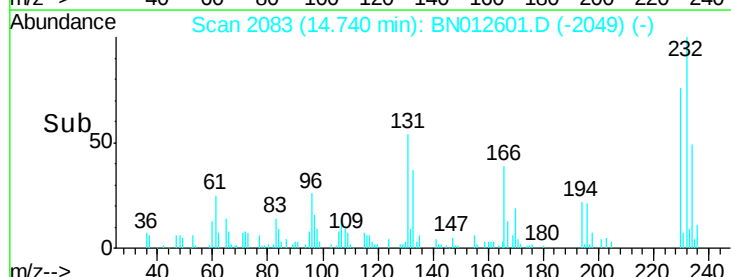
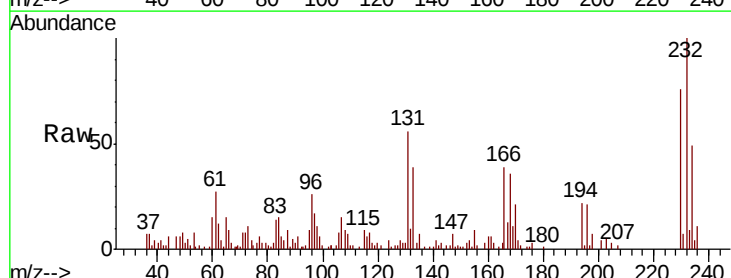
Ion Ratio Lower Upper

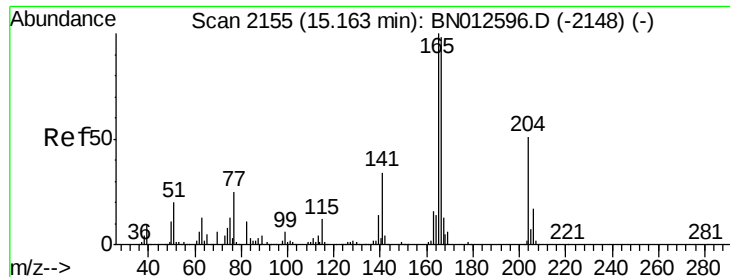
232 100

131 55.8 42.9 64.3

130 3.5 2.5 3.7

166 39.4 27.1 40.7





#59

Fluorene

Concen: 22.019 ng/ul

RT: 15.16 min Scan# 2155

Delta R.T. 0.00 min

Lab File: BN012601.D

Acq: 18 Nov 2020 19:30

Instrument :

BNA_N

ClientSampleId :

DBGE6

Tot Ion:166 Resp: 722366

Ion Ratio Lower Upper

166 100

165 100.9 83.3 124.9

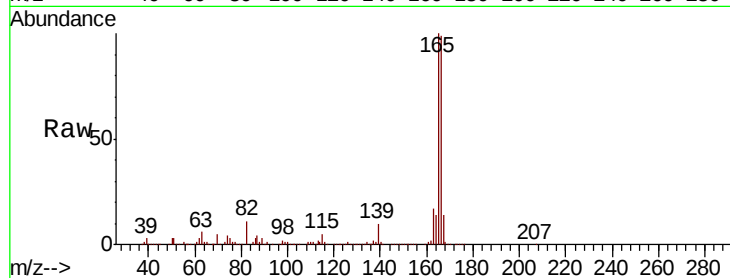
167 14.1 11.0 16.6

Manual Integrations

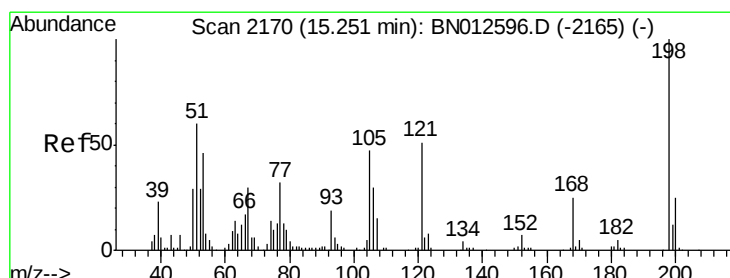
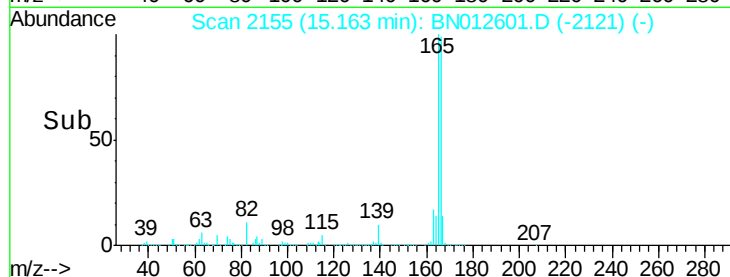
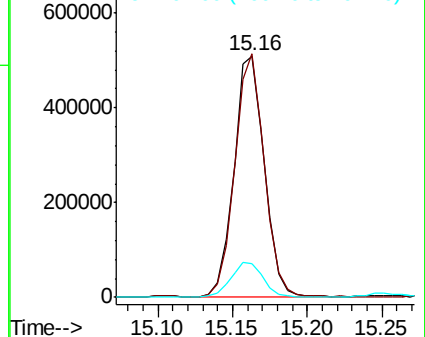
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 7.971 ng/ul

RT: 15.25 min Scan# 2170

Delta R.T. -0.01 min

Lab File: BN012601.D

Acq: 18 Nov 2020 19:30

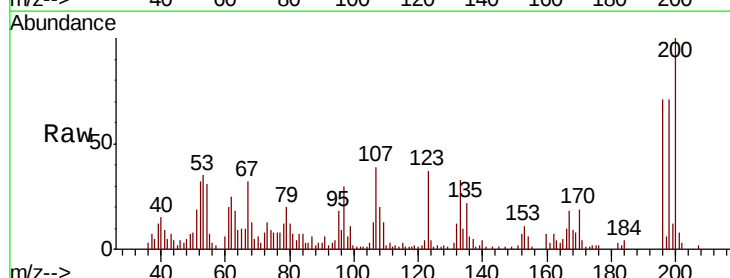
Tgt Ion:198 Resp: 48706

Ion Ratio Lower Upper

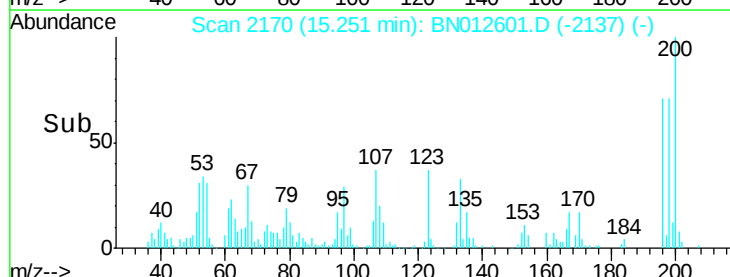
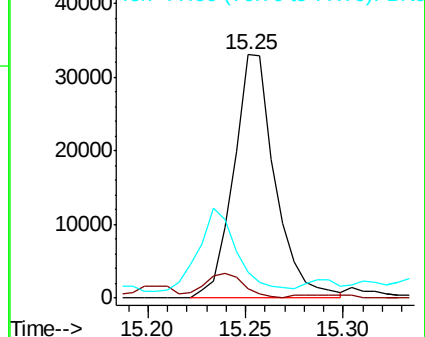
198 100

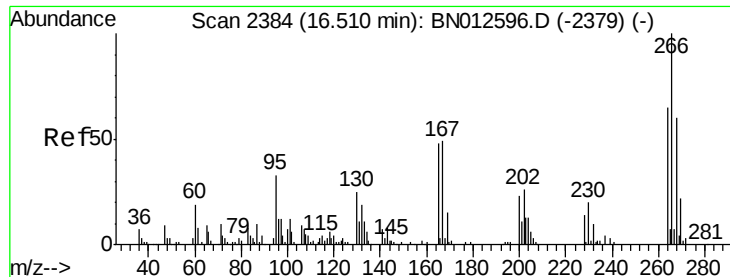
182 3.6 3.8 5.6#

77 10.6 22.0 33.0#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 77.00 (76.70 to 77.70): BNC





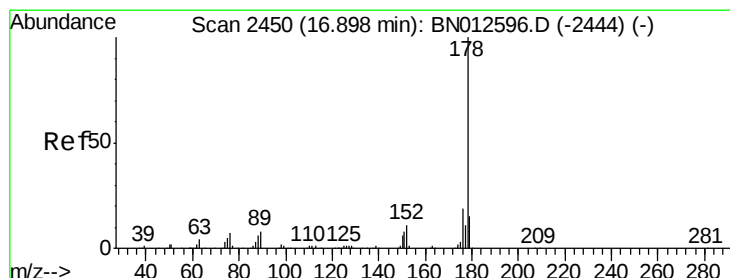
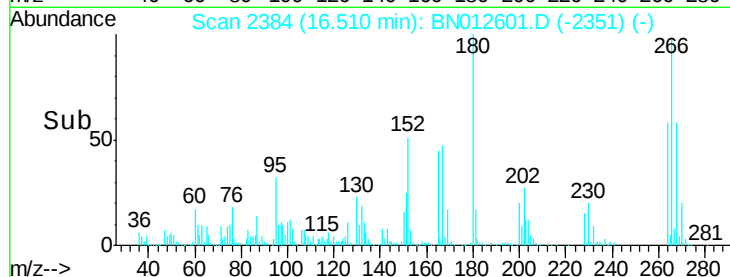
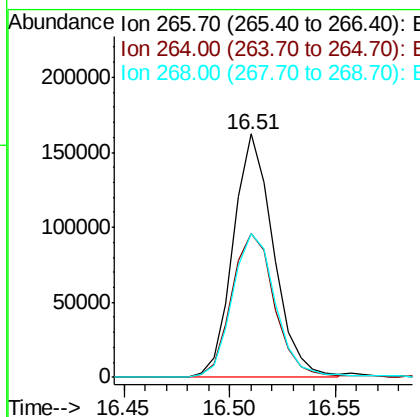
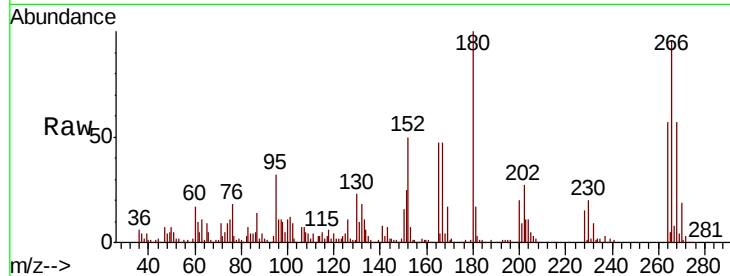
#69
 Pentachlorophenol
 Concen: 32.268 ng/ul
 RT: 16.51 min Scan# 2384
 Delta R.T. -0.01 min
 Lab File: BN012601.D
 Acq: 18 Nov 2020 19:30

Instrument :
 BNA_N
 ClientSampled :
 DBGE6

Tot Ion	Ratio	Resp	Lower	Upper
266	100	215083		
264	59.2		55.0	82.6
268	59.3		56.9	85.3

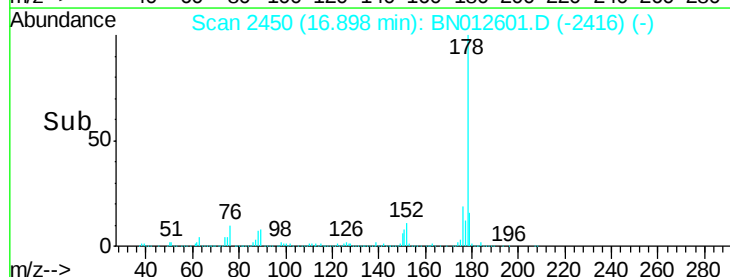
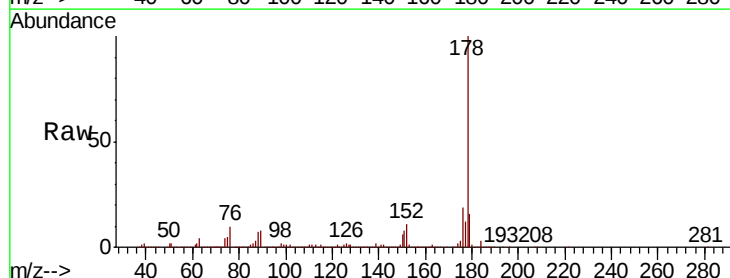
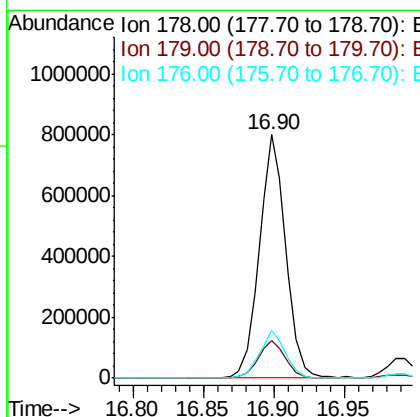
Manual Integrations
 APPROVED

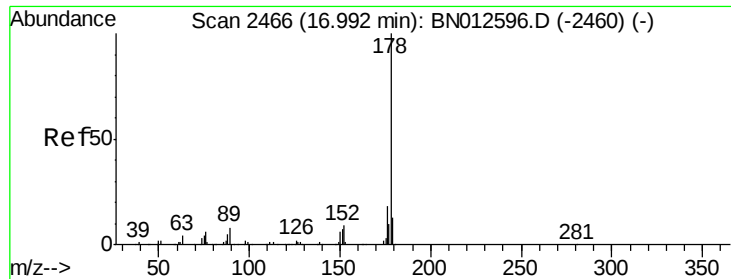
mohammad
 11/20/2020 11:29:52 AM



#70
 Phenanthrene
 Concen: 20.207 ng/ul
 RT: 16.90 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BN012601.D
 Acq: 18 Nov 2020 19:30

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1048579		
179	15.7		13.1	19.7
176	19.4		15.4	23.0





#72

Anthracene

Concen: 1.754 ng/ul

RT: 16.99 min Scan# 2465

Delta R.T. -0.01 min

Lab File: BN012601.D

Acq: 18 Nov 2020 19:30

Instrument :

BNA_N

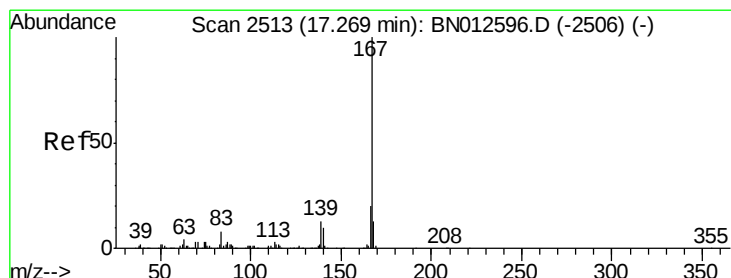
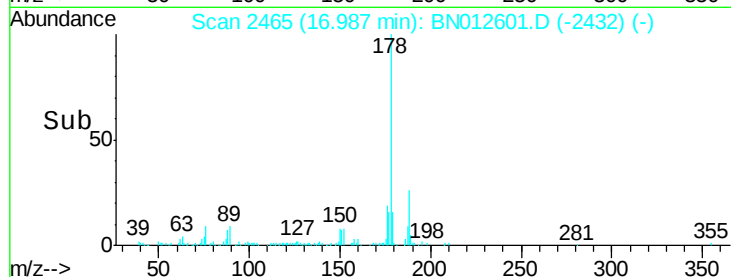
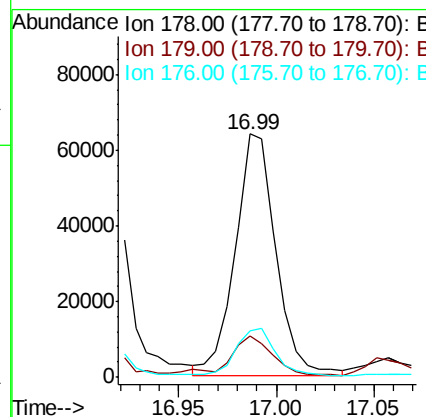
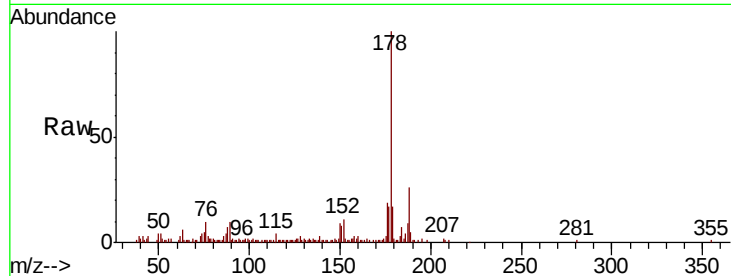
ClientSampleId :

DBGE6

Tot Ion:	178	Resp:	92274
Ion Ratio	Lower	Upper	
178	100		
179	17.3	12.4	18.6
176	19.0	14.8	22.2

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#75

Carbazole

Concen: 87.244 ng/ul

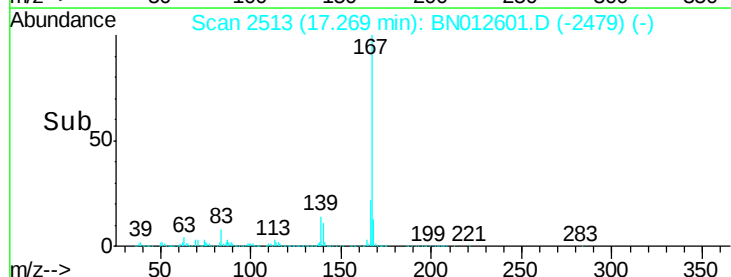
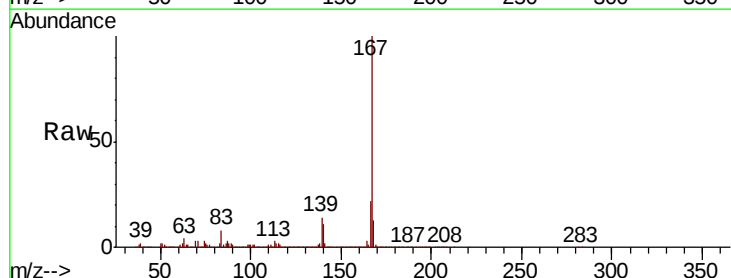
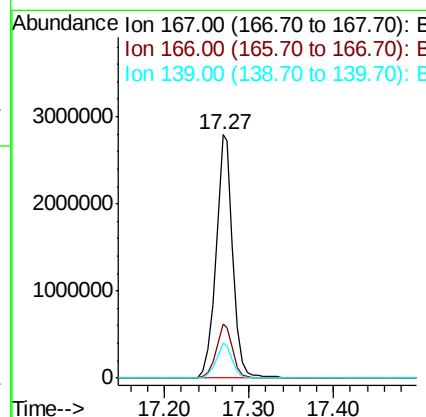
RT: 17.27 min Scan# 2513

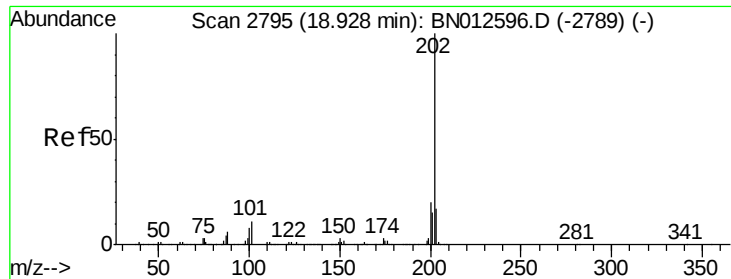
Delta R.T. 0.00 min

Lab File: BN012601.D

Acq: 18 Nov 2020 19:30

Tgt Ion:	167	Resp:	3917128
Ion Ratio	Lower	Upper	
167	100		
166	22.0	17.8	26.8
139	14.1	10.4	15.6





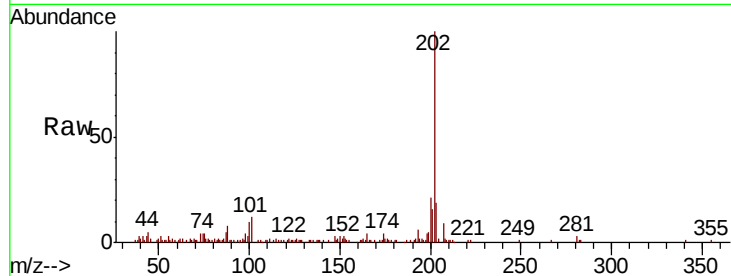
#77
 Fluoranthene
 Concen: 1.567 ng/ul
 RT: 18.93 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BN012601.D
 Acq: 18 Nov 2020 19:30

Instrument :
 BNA_N
 ClientSampleId :
 DBGE6

Tot Ion:	202	Resp:	93538
Ion Ratio	Lower	Upper	
202	100		
101	11.5	10.2	15.2
100	9.7	7.7	11.5

Manual Integrations
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mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

