

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
 Data File : BN012645.D
 Acq On : 19 Nov 2020 23:08
 Operator : CG/JU
 Sample : L4753-02DL 2X
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DBGH4DL

Manual Integrations
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 11/20/2020 11:31:17 AM

Quant Time: Nov 20 02:52:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 20 00:51:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	145725	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	610708	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	395671	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	903874	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	934288	20.00	ng/ul	-0.01
86) Perylene-d12	23.18	264	989901	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.98	96	3813	0.93	ng/uL	0.00
5) Phenol-d5	6.63	99	48280	3.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	132778	17.00	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	145582	14.04	ng/ul	-0.01
13) 4-Methylphenol-d8	8.15	113	92810	8.57	ng/ul	-0.01
19) Nitrobenzene-d5	8.59	128	85298	17.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	94084	16.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	162829	15.39	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.52	166	623524	19.29	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	715642	18.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	18489	3.06	ng/ul	0.00
58) Fluorene-d10	15.10	176	525216	18.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	109383	17.74	ng/ul	0.00
71) Anthracene-d10	16.95	188	892114	19.43	ng/ul	0.00
79) Pyrene-d10	19.26	212	1028468	21.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1082706	20.01	ng/ul	-0.02

Target Compounds

				Ovalue	
28) Naphthalene	10.27	128	20743002m	587.545	ng/ul
34) 2-Methylnaphthalene	11.88	142	1319786	53.563	ng/ul
40) 2,4,5-Trichlorophenol	12.58	196	9124	1.070	ng/ul#
41) 1,1'-Biphenyl	12.92	154	351082	10.705	ng/ul#
45) Dimethylphthalate	13.57	163	40060	1.231	ng/ul
48) Acenaphthylene	13.82	152	94956	2.458	ng/ul
50) Acenaphthene	14.16	153	864397	30.639	ng/ul
54) Dibenzofuran	14.50	168	1089082	27.847	ng/ul
56) 2,3,4,6-Tetrachlorophenol	14.73	232	33143	4.483	ng/ul#
59) Fluorene	15.16	166	572140	17.508	ng/ul
69) Pentachlorophenol	16.50	266	94619	13.256	ng/ul
70) Phenanthrene	16.89	178	640604	11.528	ng/ul
75) Carbazole	17.26	167	2915049	60.628	ng/ul

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

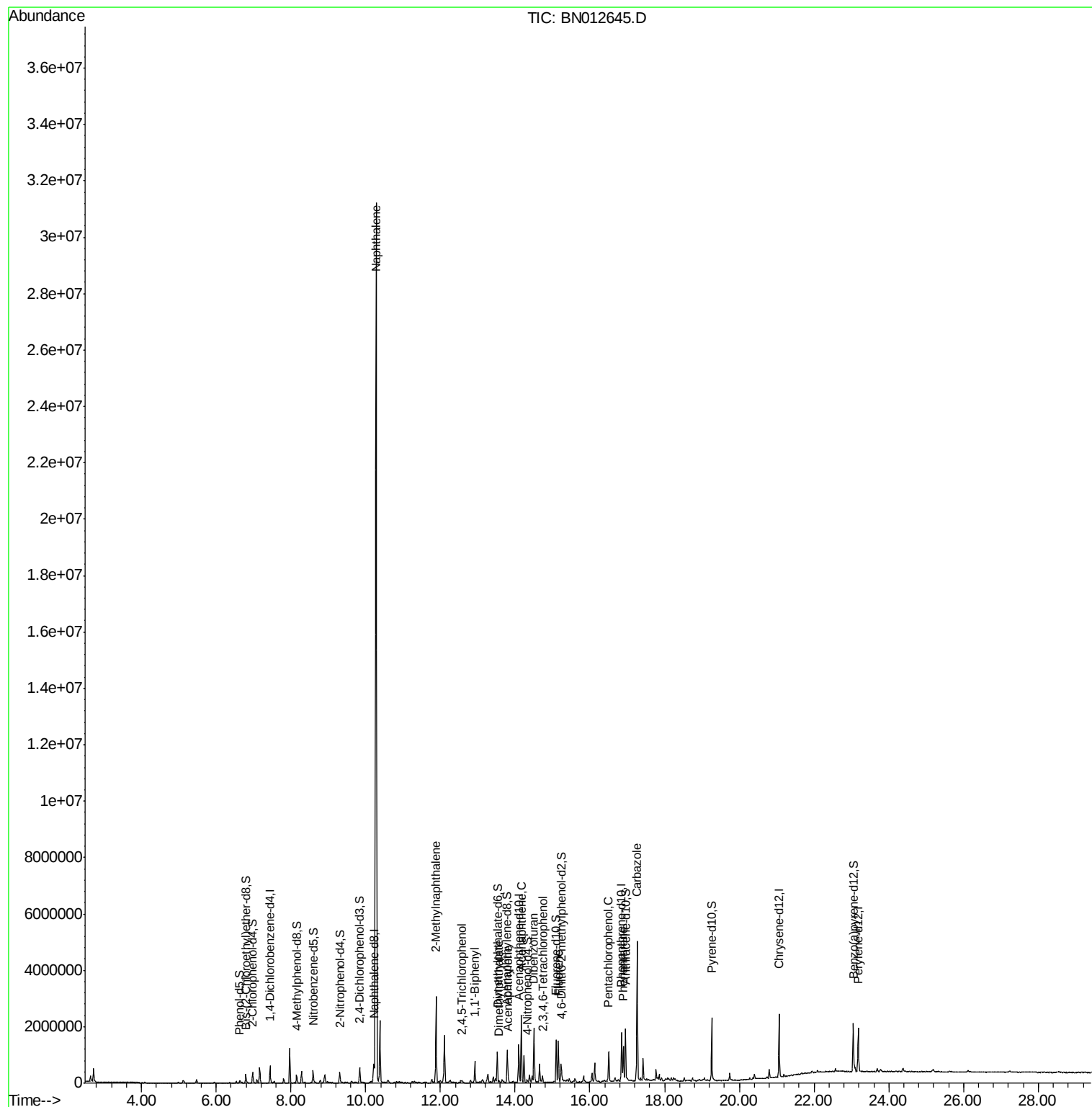
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012645.D
Acq On : 19 Nov 2020 23:08
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Sample : L4753-02DL 2X
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ALS Vial : 54 Sample Multiplier: 1

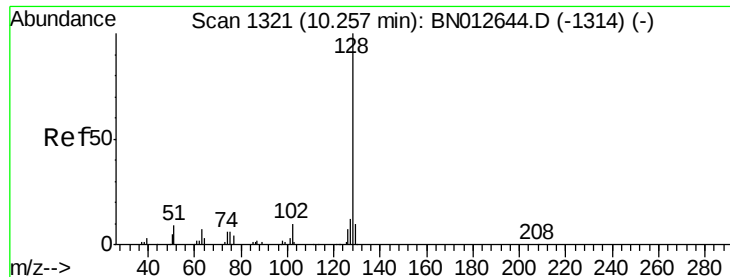
Instrument :
BNA_N
ClientSampleId :
DBGH4DL

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Quant Time: Nov 20 02:52:51 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
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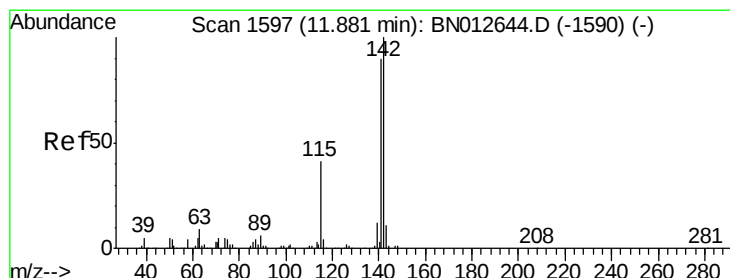
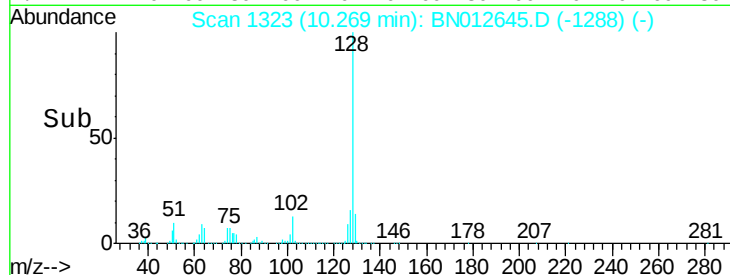
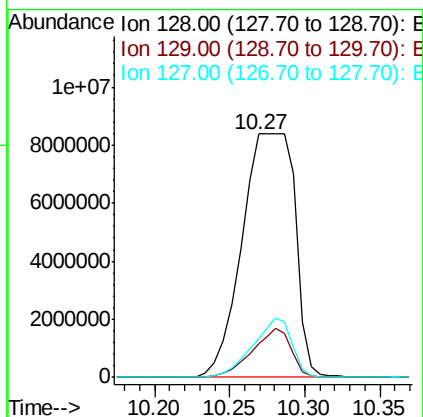
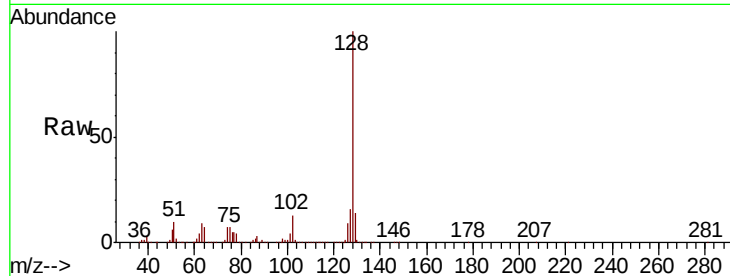
#28
Naphthalene
Concen: 587.545 ng/ul m
RT: 10.27 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BN012645.D
Acq: 19 Nov 2020 23:08

Instrument :
BNA_N
ClientSampleId :
DBGH4DL

Tot Ion:128 Resp:20743002
Ion Ratio Lower Upper
128 100
129 13.7 8.6 12.8#
127 16.0 11.6 17.4

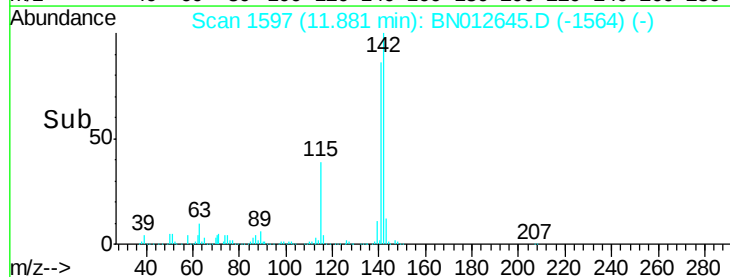
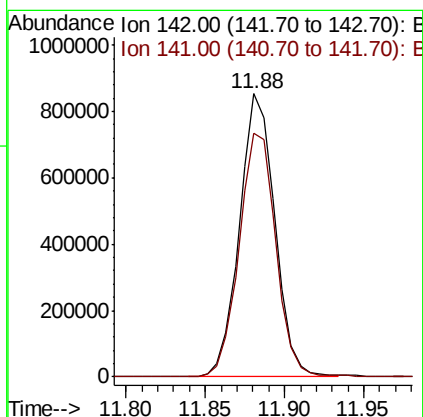
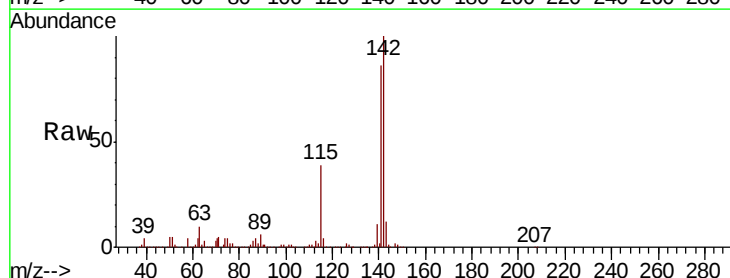
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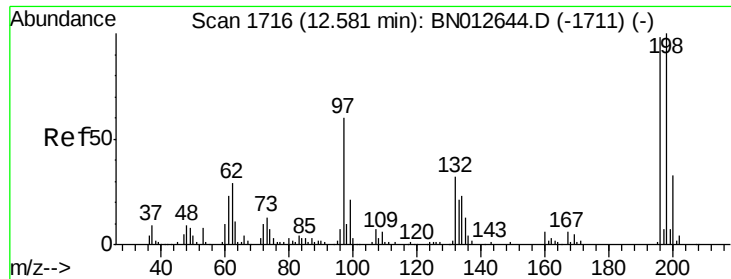
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#34
2-Methylnaphthalene
Concen: 53.563 ng/ul
RT: 11.88 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN012645.D
Acq: 19 Nov 2020 23:08

Tgt Ion:142 Resp: 1319786
Ion Ratio Lower Upper
142 100
141 86.0 73.8 110.8





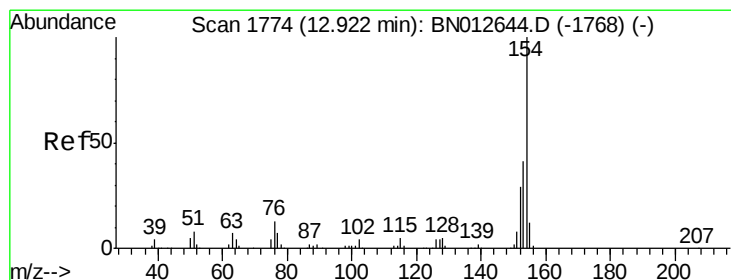
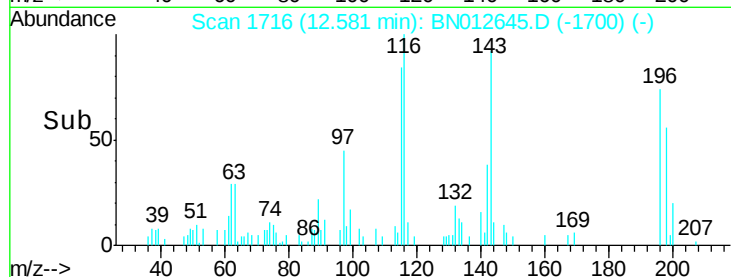
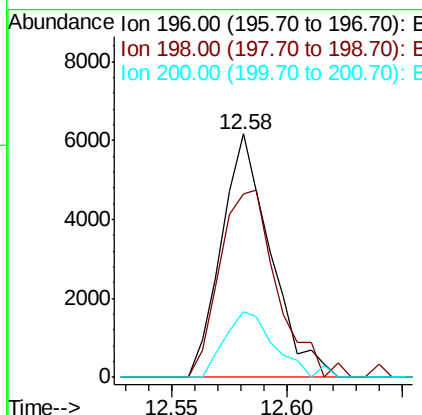
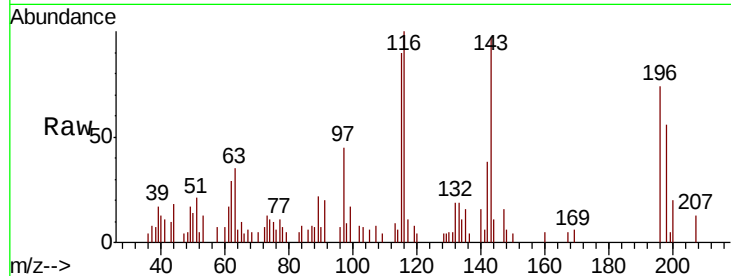
#40
 2,4,5-Trichlorophenol
 Concen: 1.070 ng/ul
 RT: 12.58 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BN012645.D
 Acq: 19 Nov 2020 23:08

Instrument :
 BNA_N
 ClientSampleID :
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Tot Ion	Ratio	Lower	Upper
196	100		
198	75.5	83.8	125.6#
200	27.0	23.8	35.6

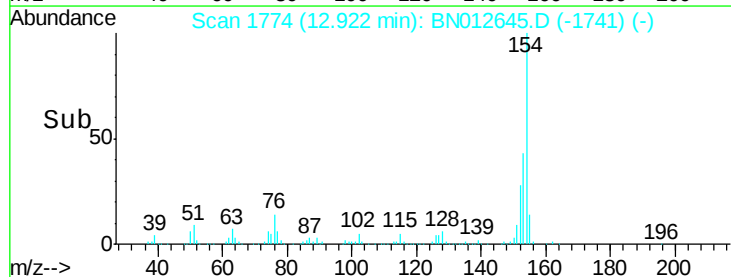
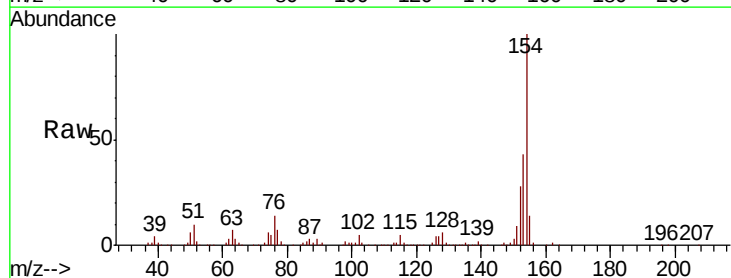
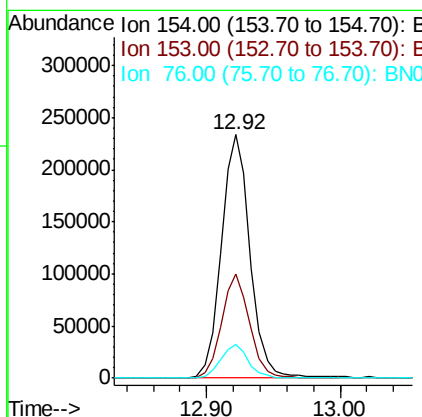
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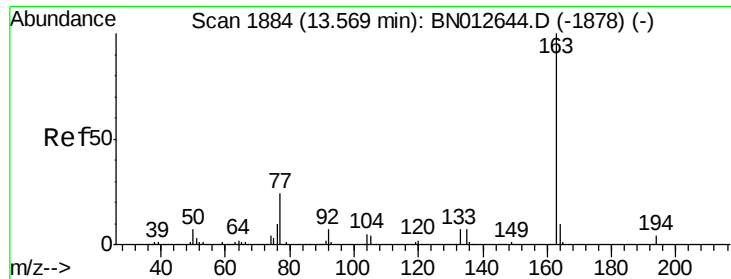
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#41
 1,1'-Biphenyl
 Concen: 10.705 ng/ul
 RT: 12.92 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BN012645.D
 Acq: 19 Nov 2020 23:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.6	31.4	47.0
76	14.1	9.3	13.9#





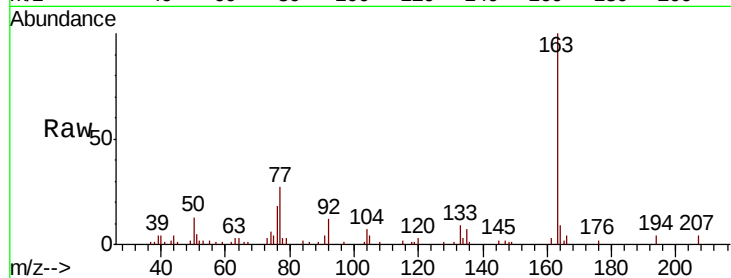
#45
Dimethylphthalate
Concen: 1.231 ng/ul
RT: 13.57 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BN012645.D
Acq: 19 Nov 2020 23:08

Instrument :
BNA_N
ClientSampleId :
DBGH4DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.4
164	9.1	8.6	13.0

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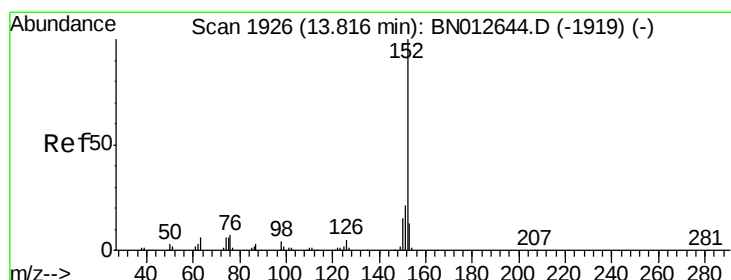
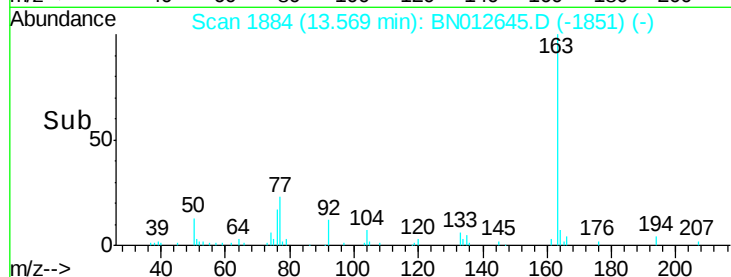
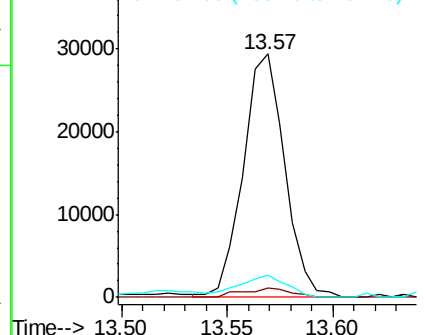


Abundance

Ion 163.00 (162.70 to 163.70): E

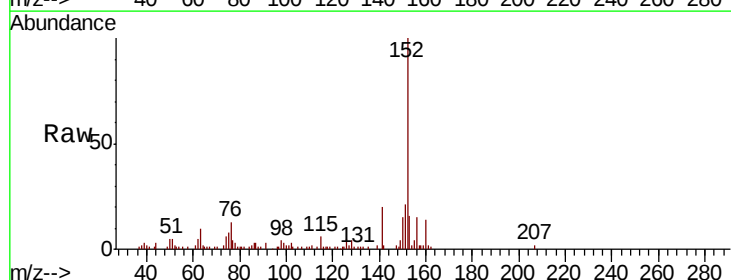
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#48
Acenaphthylene
Concen: 2.458 ng/ul
RT: 13.82 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BN012645.D
Acq: 19 Nov 2020 23:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.5	23.3
153	15.6	10.5	15.7

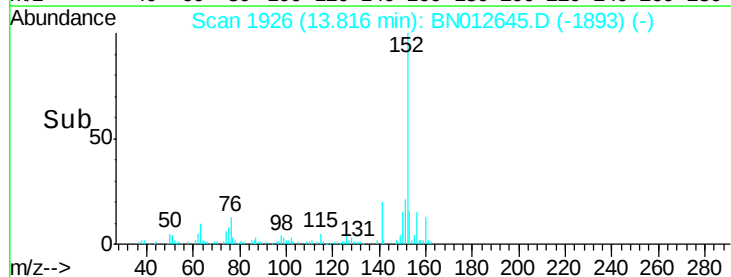
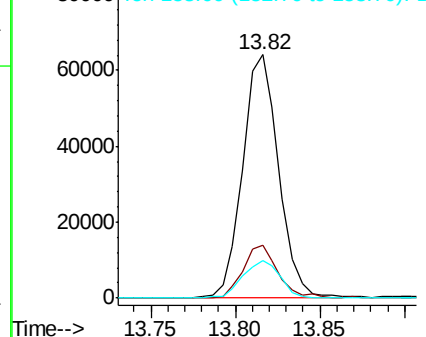


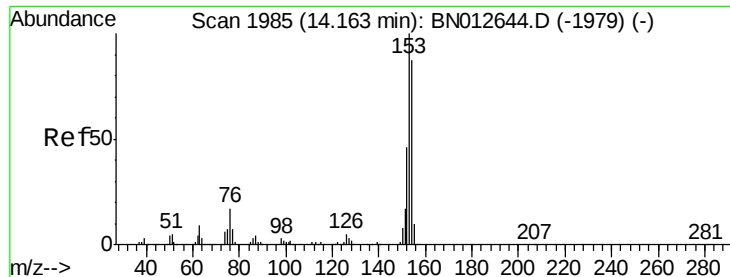
Abundance

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





#50

Acenaphthene

Concen: 30.639 ng/ul

RT: 14.16 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BN012645.D

Acq: 19 Nov 2020 23:08

Instrument :

BNA_N

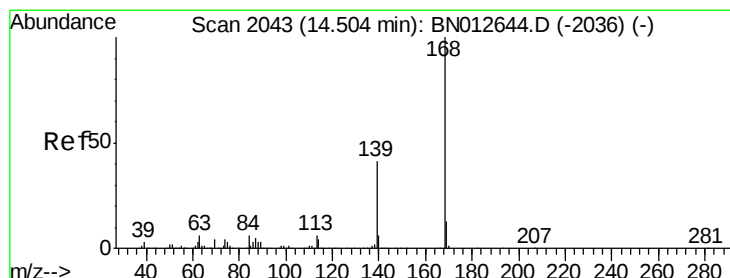
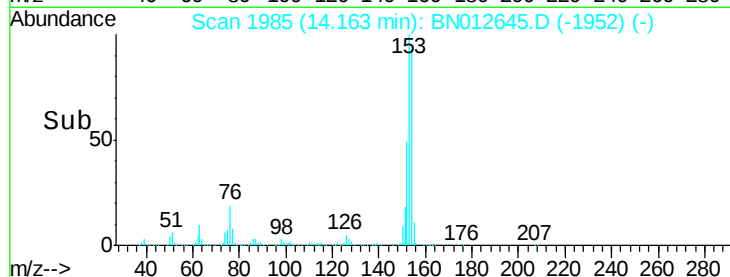
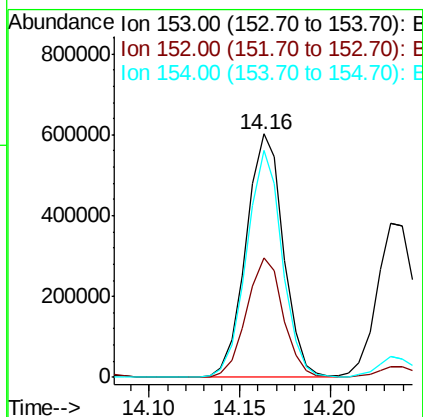
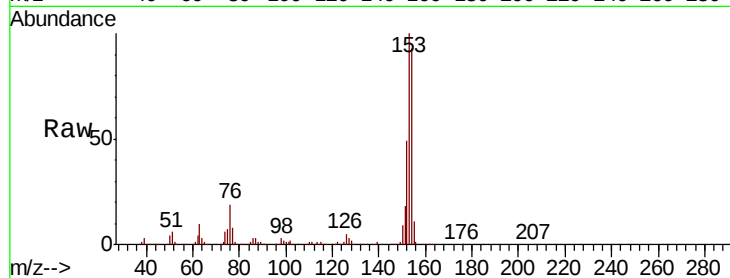
ClientSampleId :

DBGH4DL

Tot Ion:	153	Resp:	864397
Ion Ratio		Lower	Upper
153	100		
152	48.9	37.1	55.7
154	93.1	69.7	104.5

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#54

Dibenzofuran

Concen: 27.847 ng/ul

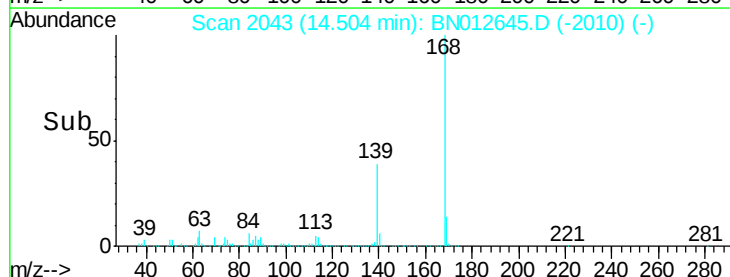
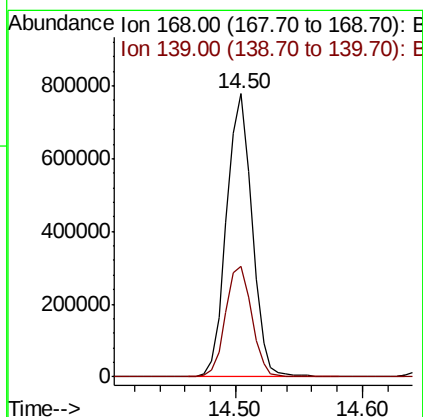
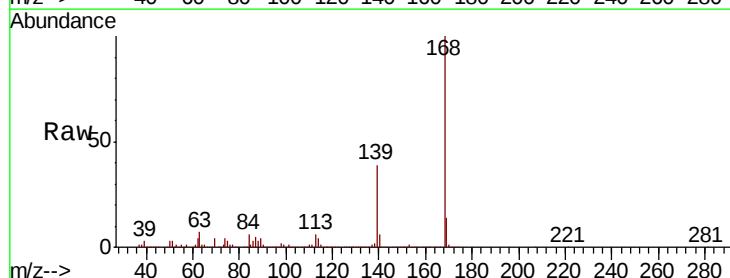
RT: 14.50 min Scan# 2043

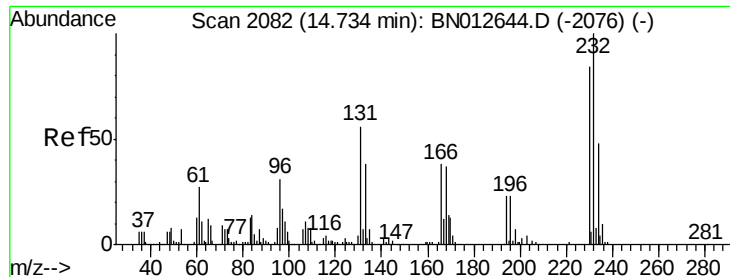
Delta R.T. -0.01 min

Lab File: BN012645.D

Acq: 19 Nov 2020 23:08

Tgt Ion:	168	Resp:	1089082
Ion Ratio		Lower	Upper
168	100		
139	38.9	30.5	45.7





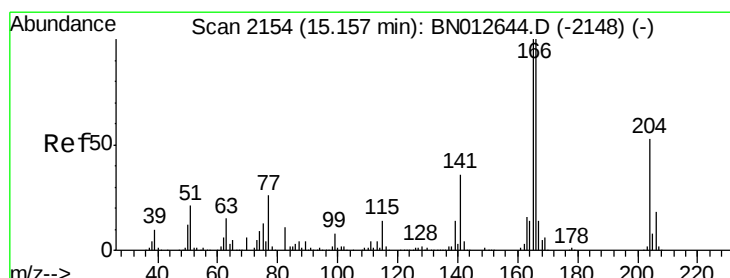
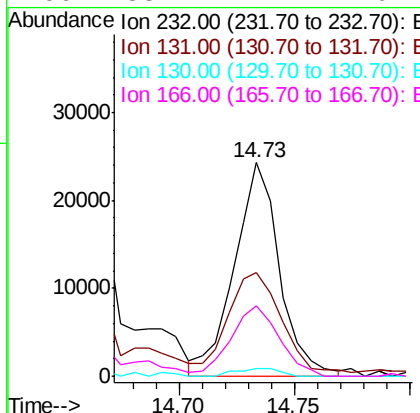
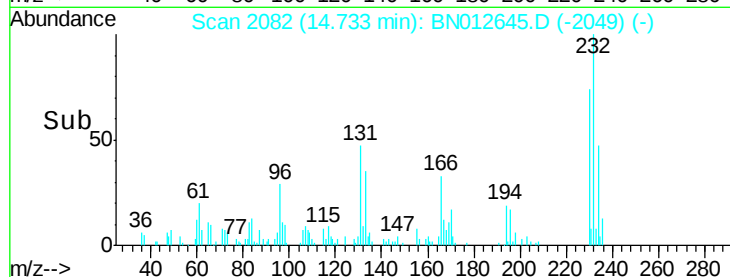
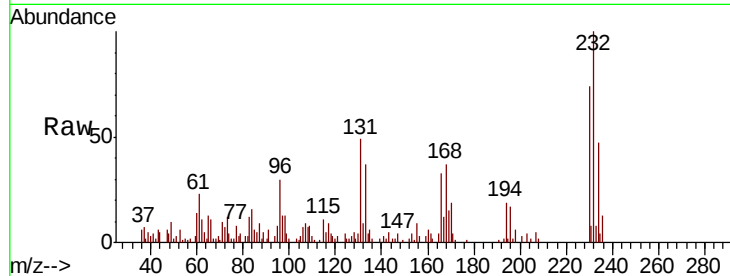
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 2,3,4,6-Tetrachlorophenol
 Concen: 4.483 ng/ul
 RT: 14.73 min Scan# 2082
 Delta R.T. -0.01 min
 Lab File: BN012645.D
 Acq: 19 Nov 2020 23:08

Instrument :
 BNA_N
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 DBGH4DL

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.8	42.9	64.3
130	3.9	2.5	3.7
166	33.2	27.1	40.7

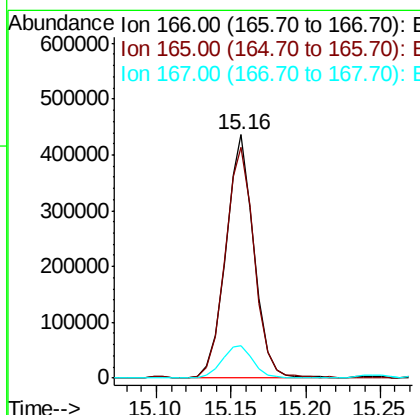
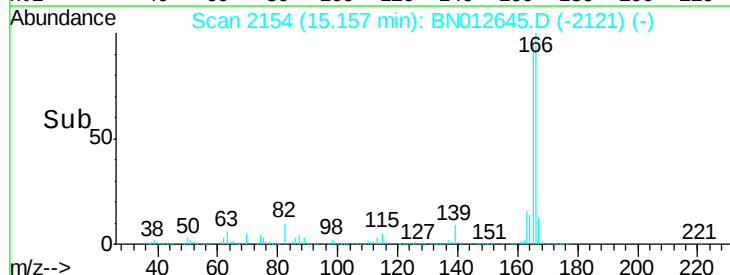
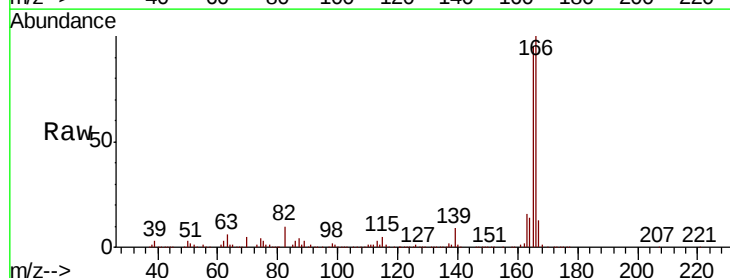
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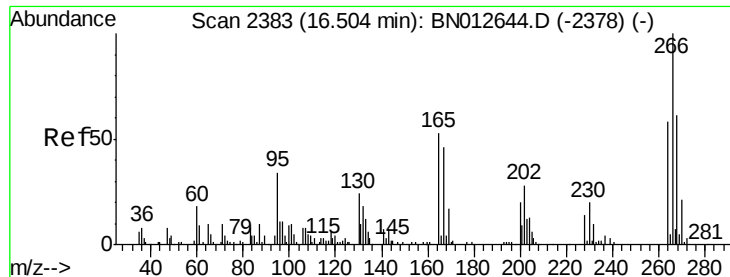
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#59
 Fluorene
 Concen: 17.508 ng/ul
 RT: 15.16 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BN012645.D
 Acq: 19 Nov 2020 23:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.9	83.3	124.9
167	13.1	11.0	16.6





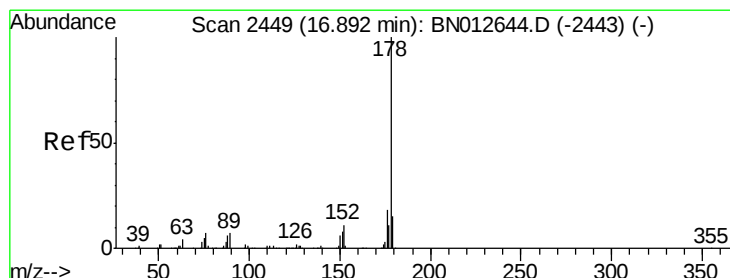
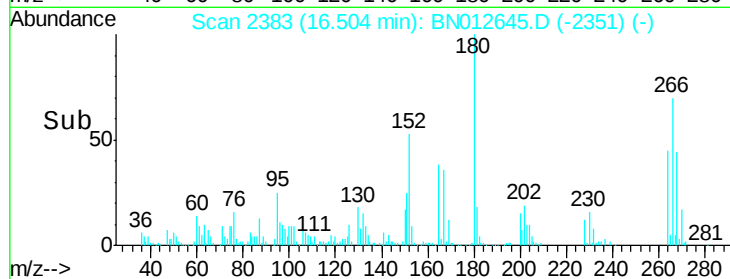
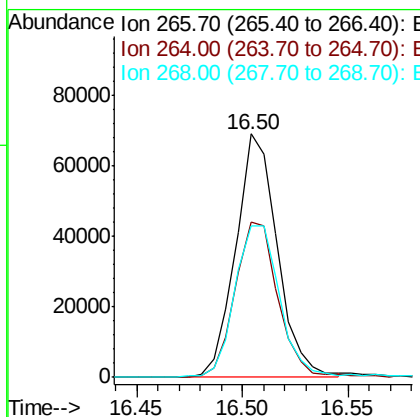
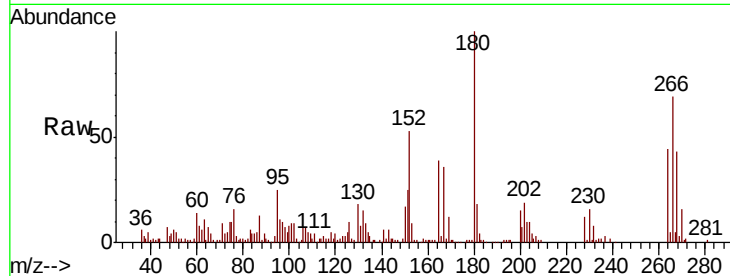
#69
 Pentachlorophenol
 Concen: 13.256 ng/ul
 RT: 16.50 min Scan# 2383
 Delta R.T. -0.01 min
 Lab File: BN012645.D
 Acq: 19 Nov 2020 23:08

Instrument :
 BNA_N
 ClientSampleID :
 DBGH4DL

Tot Ion	Ratio	Lower	Upper
266	100		
264	63.8	55.0	82.6
268	62.2	56.9	85.3

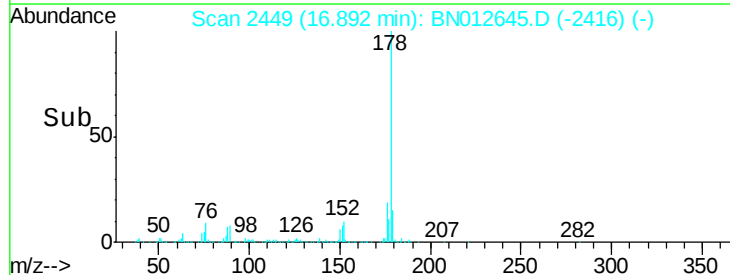
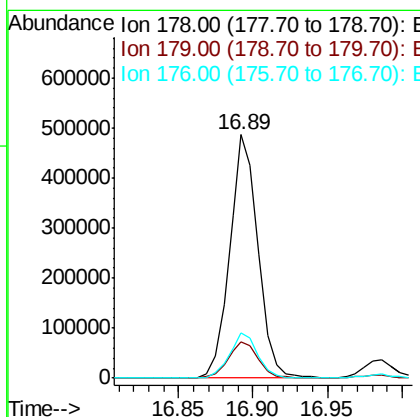
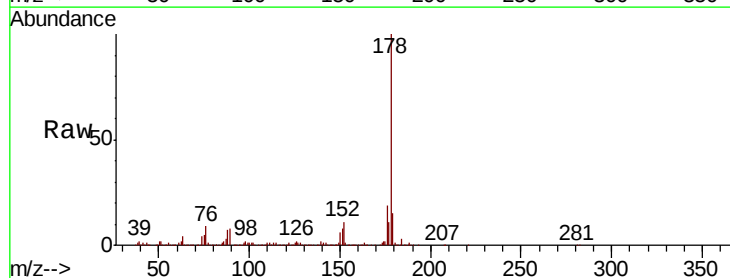
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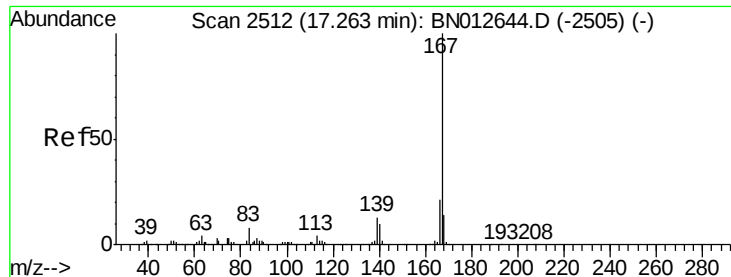
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#70
 Phenanthrene
 Concen: 11.528 ng/ul
 RT: 16.89 min Scan# 2449
 Delta R.T. -0.01 min
 Lab File: BN012645.D
 Acq: 19 Nov 2020 23:08

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.6	13.1	19.7
176	18.6	15.4	23.0





#75
 Carbazole
 Concen: 60.628 ng/ul
 RT: 17.26 min Scan# 2512
 Delta R.T. -0.01 min
 Lab File: BN012645.D
 Acq: 19 Nov 2020 23:08

Instrument :
 BNA_N
 ClientSampleId :
 DBGH4DL

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.8	26.8
139	13.5	10.4	15.6

Manual Integrations
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