

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
 Data File : BN013459.D
 Acq On : 22 Jan 2021 15:23
 Operator : CG/JU
 Sample : M1050-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2X39

Quant Time: Jan 22 15:57:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 22 09:47:41 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	487875	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	1900067	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	998753	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1768966	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1403024	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1450042	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	42905	3.59	ng/uL	0.00
4) Pyridine-d5	3.56	84	622993	19.95	ng/ul	0.00
7) Phenol-d5	6.76	99	852072	22.21	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	497006	22.04	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	747454	22.27	ng/ul	0.00
15) 4-Methylphenol-d8	8.28	113	645352	21.20	ng/ul	0.00
21) Nitrobenzene-d5	8.72	128	327745	21.98	ng/ul	0.00
24) 2-Nitrophenol-d4	9.43	143	349900	22.86	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	624204	21.30	ng/ul	0.00
31) 4-Chloroaniline-d4	10.48	131	720899	17.43	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	2113158	28.52	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	2397681	25.44	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	371706	26.79	ng/ul	0.00
60) Fluorene-d10	15.22	176	1756453	27.26	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	232096	22.52	ng/ul	0.00
73) Anthracene-d10	17.07	188	2839636	33.22	ng/ul	0.00
81) Pyrene-d10	19.37	212	2810365	33.69	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	2784611	36.81	ng/ul	0.00

Target Compounds

					Ovalue
8) Phenol	6.79	94	1755238	44.299	ng/ul 99
22) Nitrobenzene	8.76	77	1215813	35.930	ng/ul 99
23) Isophorone	9.28	82	2573508	44.258	ng/ul 100
30) Naphthalene	10.39	128	5182088	48.310	ng/ul 100
36) 2-Methylnaphthalene	12.02	142	2727572	38.034	ng/ul 99
41) 2,4,6-Trichlorophenol	12.63	196	1059848	54.775	ng/ul 98
43) 1,1'-Biophenyl	13.05	154	2772391	32.902	ng/ul 97
50) Acenaphthylene	13.93	152	2271534	23.394	ng/ul 98
56) Dibenzofuran	14.62	168	4298733	46.325	ng/ul 98
59) Diethylphthalate	15.06	149	3054660	41.032	ng/ul 99
69) Hexachlorobenzene	16.27	284	868033	38.004	ng/ul 97
71) Pentachlorophenol	16.62	266	795292	65.240	ng/ul 98
74) Anthracene	17.10	178	5178235	48.839	ng/ul 98
77) Carbazole	17.37	167	5650331	63.774	ng/ul 99
80) Fluoranthene	19.04	202	5112626	47.208	ng/ul 99
85) Benzo(a)anthracene	21.16	228	3861901	41.435	ng/ul 99
86) Bis(2-ethylhexyl)phthalate	21.12	149	3022049	58.069	ng/ul 100
89) Di-n-octyl phthalate	21.98	149	5621472	62.968	ng/ul 100
94) Indeno(1,2,3-cd)pyrene	25.54	276	5488253	50.756	ng/ul 99
95) Dibenzo(a,h)anthracene	25.56	278	4851885	53.713	ng/ul 98
96) Benzo(a,h,i)perylene	26.21	276	4967726	55.268	ng/ul 94

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN012221\
Data File : BN013459.D
Acq On : 22 Jan 2021 15:23
Operator : CG/JU
Sample : M1050-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
X2X39

Quant Time: Jan 22 15:57:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 22 09:47:41 2021
Response via : Initial Calibration

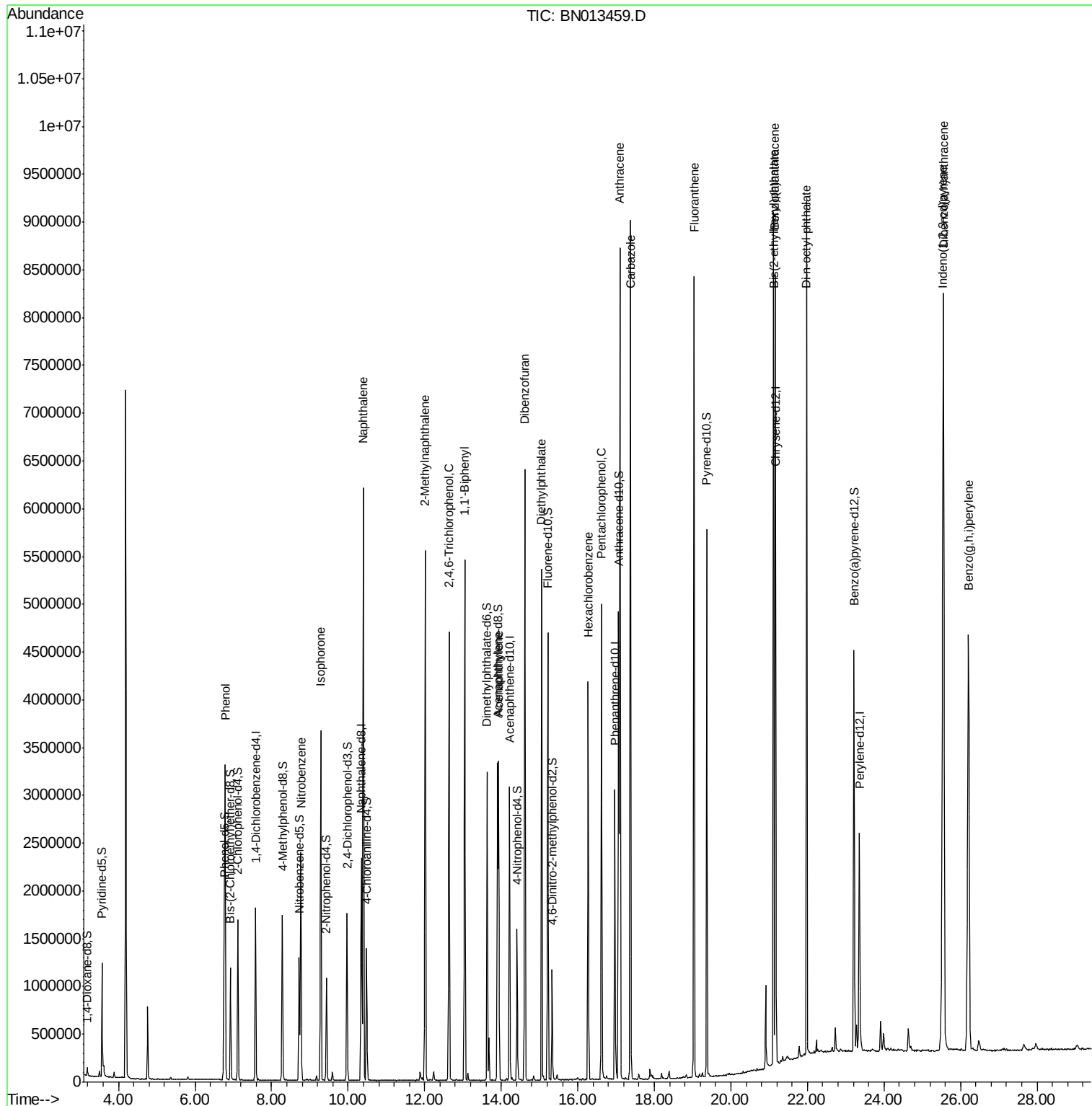
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

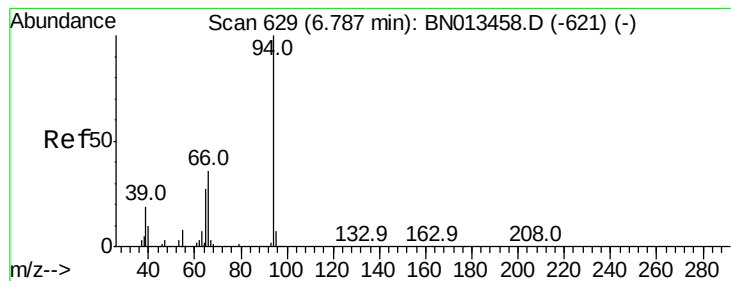
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN012221\
Data File : BN013459.D
Acq On : 22 Jan 2021 15:23
Operator : CG/JU
Sample : M1050-07
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
X2X39

Quant Time: Jan 22 15:57:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 22 09:47:41 2021
Response via : Initial Calibration





#8

Phenol

Concen: 44.299 ng/ul

RT: 6.79 min Scan# 629

Delta R.T. -0.00 min

Lab File: BN013459.D

Acq: 22 Jan 2021 15:23

Instrument :

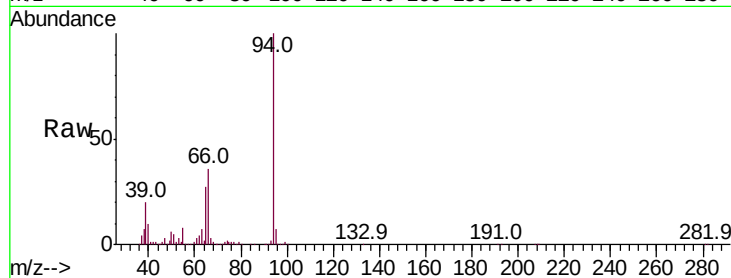
BNA_N

ClientSampleId :

X2X39

Tot Ion: 94 Resp: 1755238

Ion	Ratio	Lower	Upper
94	100		
65	26.5	21.0	31.6
66	35.6	27.9	41.9

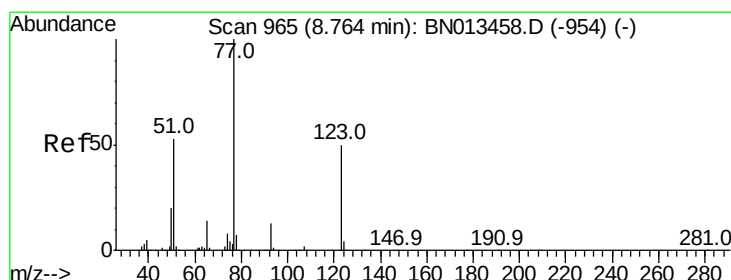
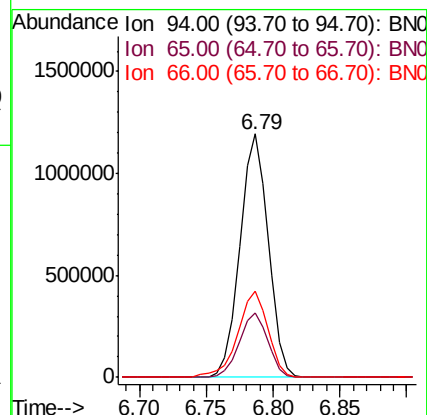
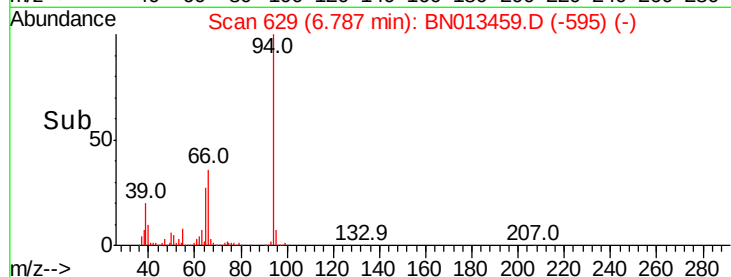


Abundance

Ion 94.00 (93.70 to 94.70): BN0

Ion 65.00 (64.70 to 65.70): BN0

Ion 66.00 (65.70 to 66.70): BN0



#22

Nitrobenzene

Concen: 35.930 ng/ul

RT: 8.76 min Scan# 965

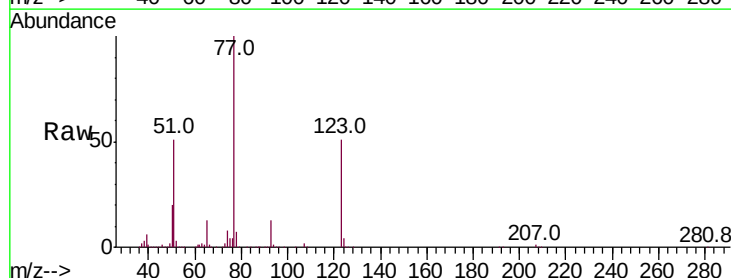
Delta R.T. -0.00 min

Lab File: BN013459.D

Acq: 22 Jan 2021 15:23

Tgt Ion: 77 Resp: 1215813

Ion	Ratio	Lower	Upper
77	100		
123	51.0	40.3	60.5
65	13.5	11.0	16.4

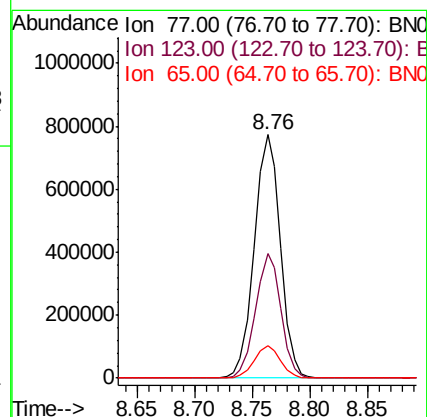
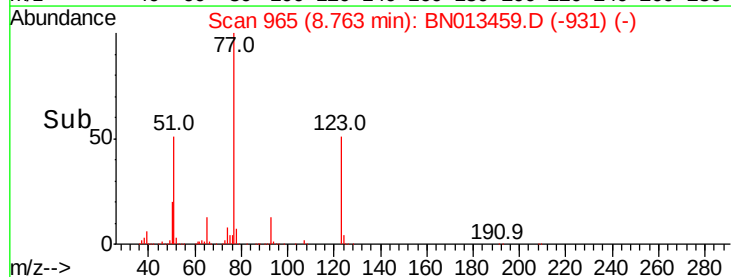


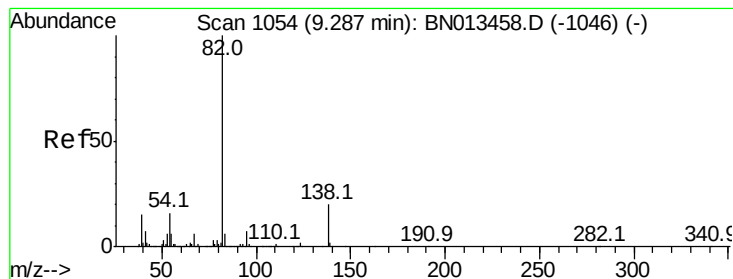
Abundance

Ion 77.00 (76.70 to 77.70): BN0

Ion 123.00 (122.70 to 123.70): BN0

Ion 65.00 (64.70 to 65.70): BN0





#23

Isophorone

Concen: 44.258 ng/ul

RT: 9.28 min Scan# 1053

Delta R.T. -0.01 min

Lab File: BN013459.D

Acq: 22 Jan 2021 15:23

Instrument :

BNA_N

ClientSampleId :

X2X39

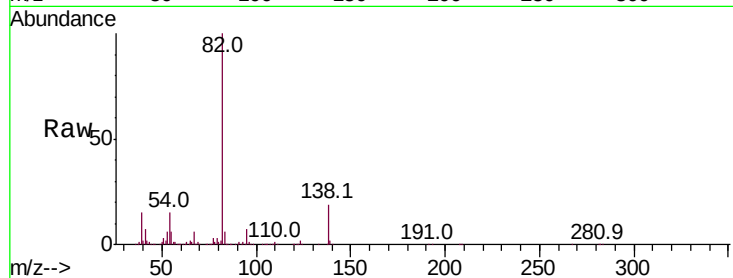
Tot Ion: 82 Resp: 2573508

Ion Ratio Lower Upper

82 100

95 7.4 5.8 8.6

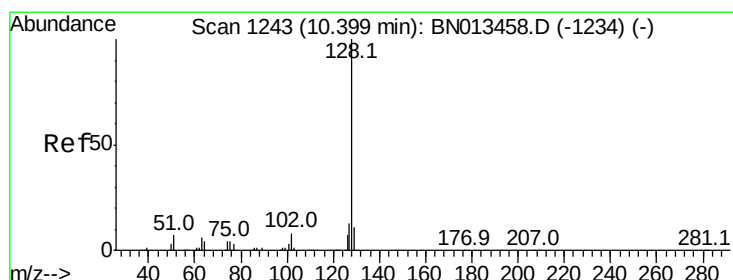
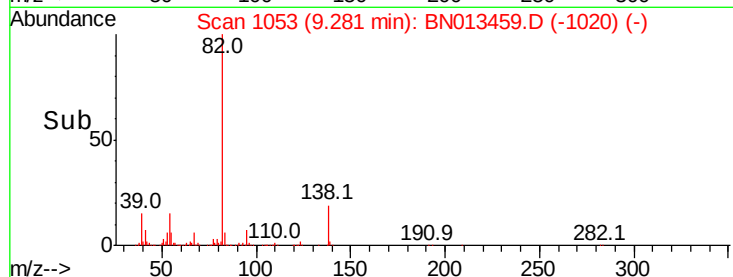
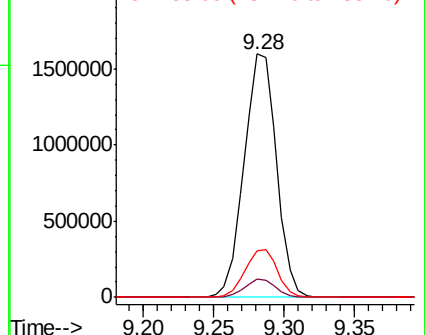
138 19.2 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BN013458.D (-1046) (-)

Ion 95.00 (94.70 to 95.70): BN013459.D (-1020) (-)

Ion 138.00 (137.70 to 138.70): BN013459.D (-1020) (-)



#30

Naphthalene

Concen: 48.310 ng/ul

RT: 10.39 min Scan# 1242

Delta R.T. -0.01 min

Lab File: BN013459.D

Acq: 22 Jan 2021 15:23

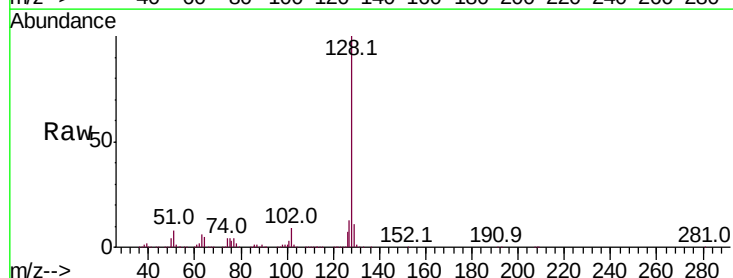
Tgt Ion:128 Resp: 5182088

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

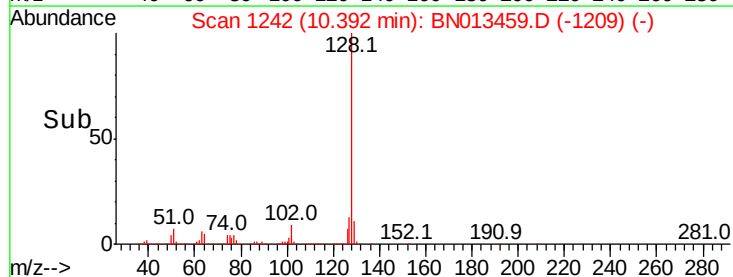
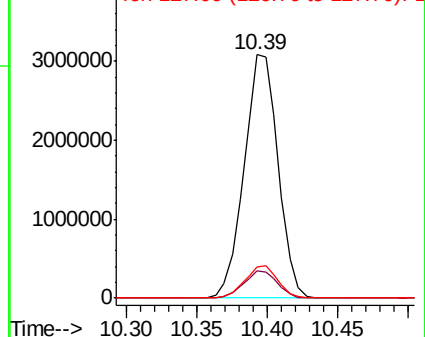
127 13.0 10.3 15.5

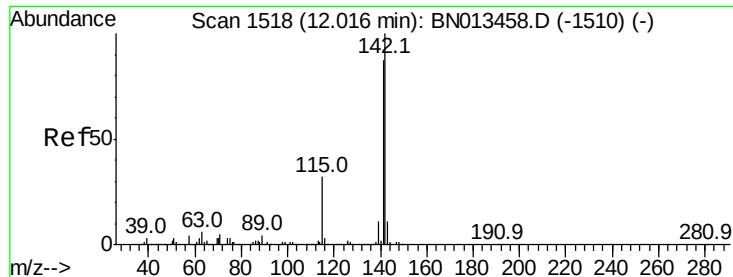


Abundance Ion 128.00 (127.70 to 128.70): BN013458.D (-1234) (-)

Ion 129.00 (128.70 to 129.70): BN013459.D (-1209) (-)

Ion 127.00 (126.70 to 127.70): BN013459.D (-1209) (-)

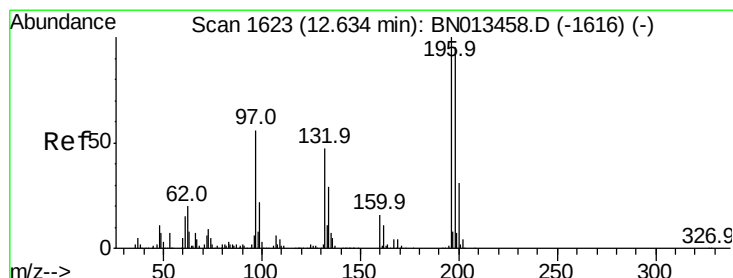
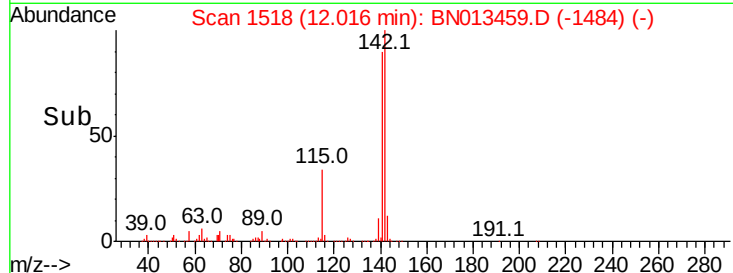
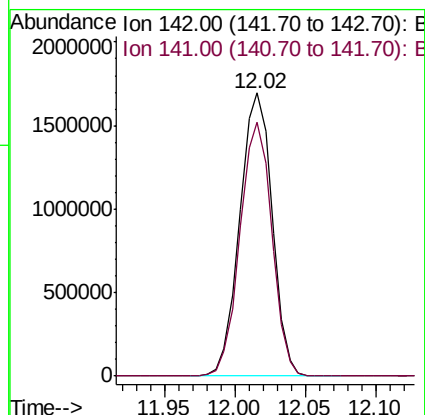
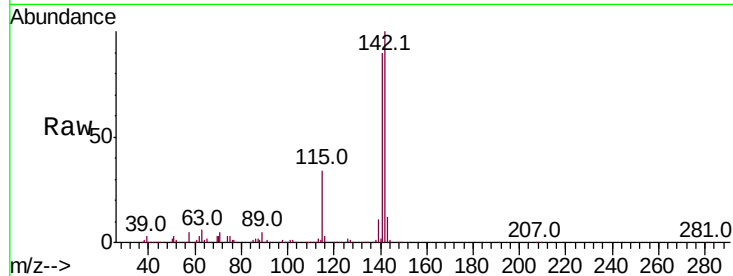




#36
2-Methylnaphthalene
Concen: 38.034 ng/ul
RT: 12.02 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BN013459.D
Acq: 22 Jan 2021 15:23

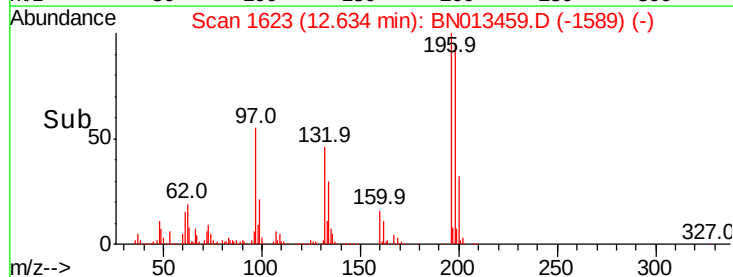
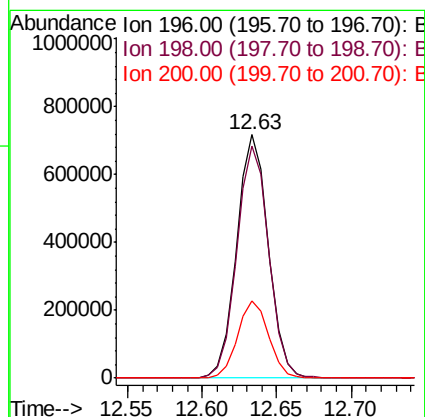
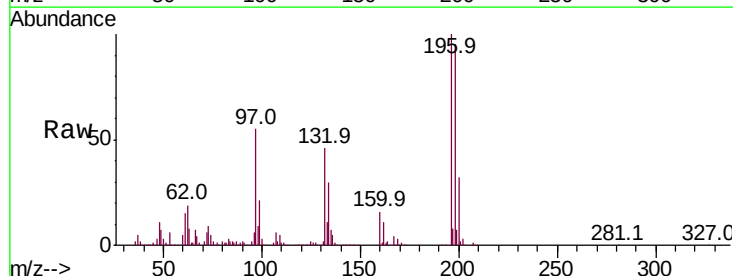
Instrument :
BNA_N
ClientSampleId :
X2X39

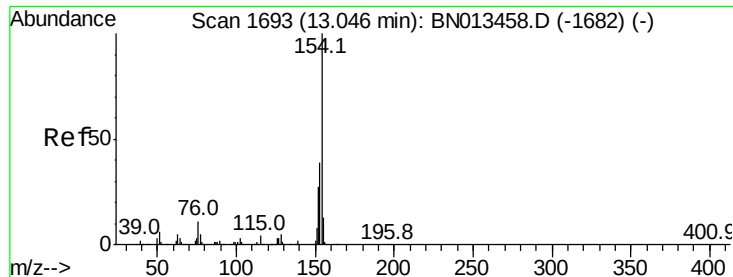
Tot Ion:142 Resp: 2727572
Ion Ratio Lower Upper
142 100
141 89.6 72.3 108.5



#41
2,4,6-Trichlorophenol
Concen: 54.775 ng/ul
RT: 12.63 min Scan# 1623
Delta R.T. -0.00 min
Lab File: BN013459.D
Acq: 22 Jan 2021 15:23

Tgt Ion:196 Resp: 1059848
Ion Ratio Lower Upper
196 100
198 95.1 77.6 116.4
200 31.8 25.0 37.6





#43

1,1'-Biphenyl

Concen: 32.902 ng/ul

RT: 13.05 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BN013459.D

Acq: 22 Jan 2021 15:23

Instrument :

BNA_N

ClientSampleId :

X2X39

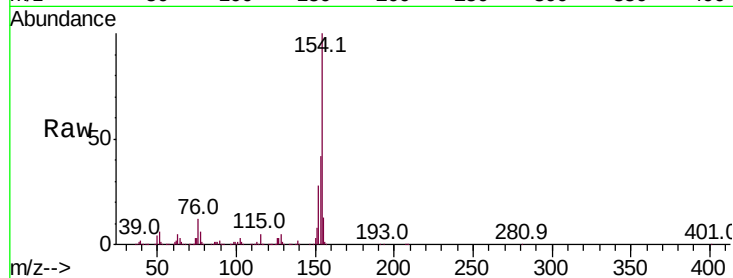
Tot Ion:154 Resp: 2772391

Ion Ratio Lower Upper

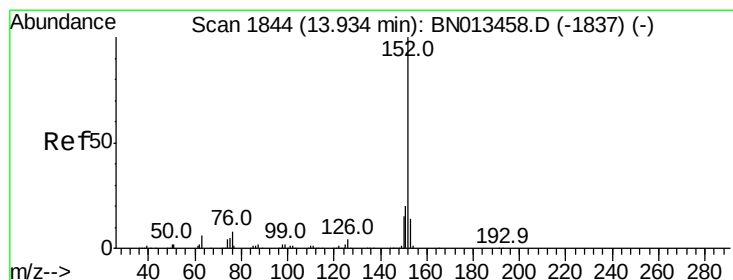
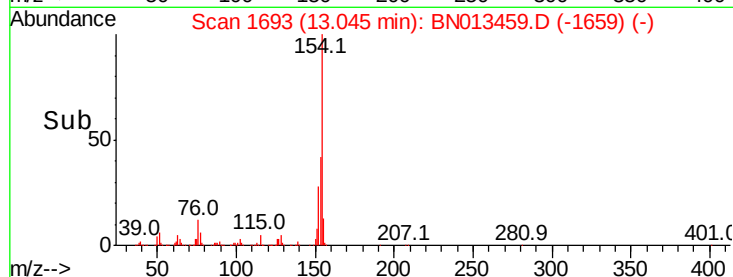
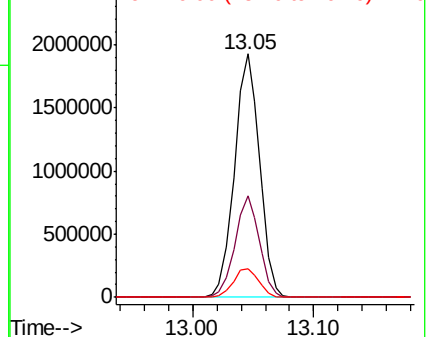
154 100

153 41.6 31.8 47.8

76 11.9 9.2 13.8



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): BNO



#50

Acenaphthylene

Concen: 23.394 ng/ul

RT: 13.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BN013459.D

Acq: 22 Jan 2021 15:23

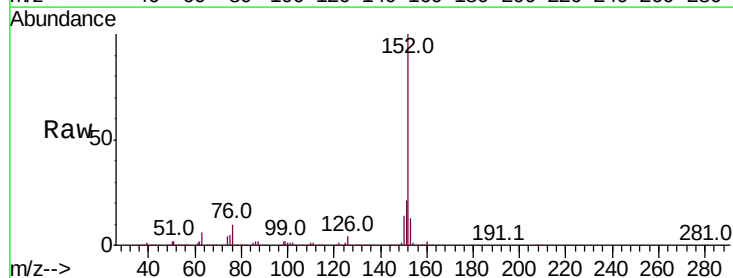
Tgt Ion:152 Resp: 2271534

Ion Ratio Lower Upper

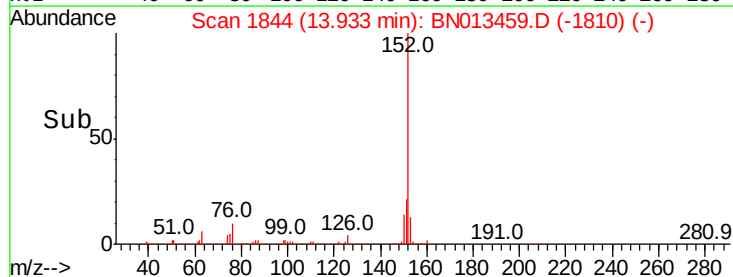
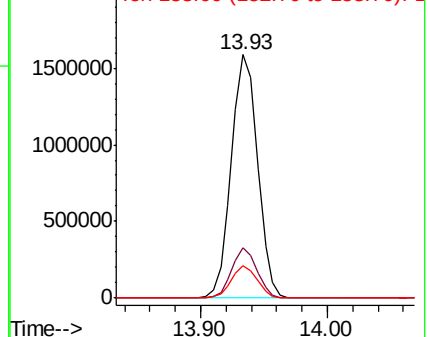
152 100

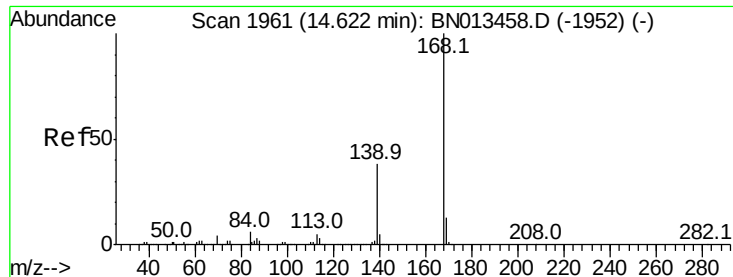
151 20.6 15.6 23.4

153 13.4 10.2 15.2



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

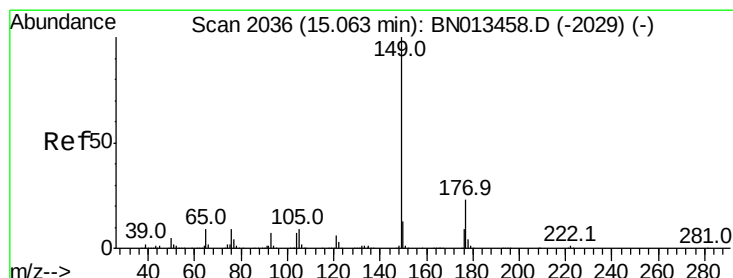
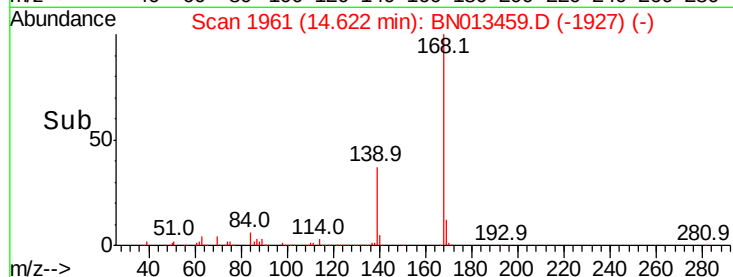
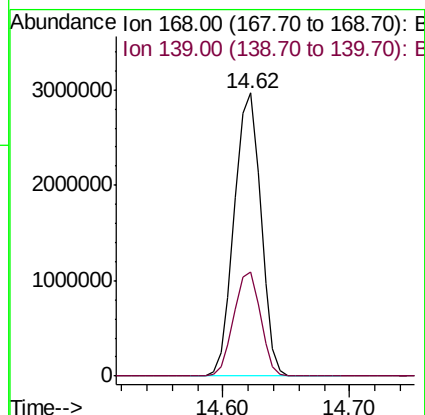
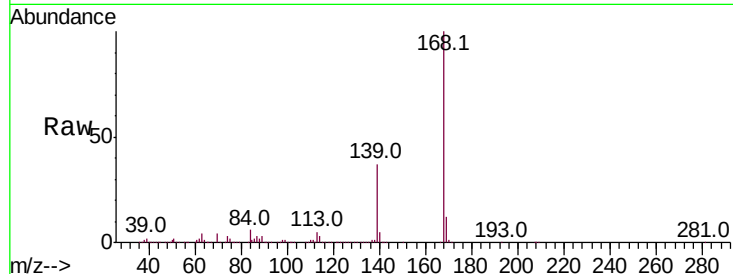




#56
Dibenzenofuran
Concen: 46.325 ng/ul
RT: 14.62 min Scan# 1961
Delta R.T. -0.00 min
Lab File: BN013459.D
Acq: 22 Jan 2021 15:23

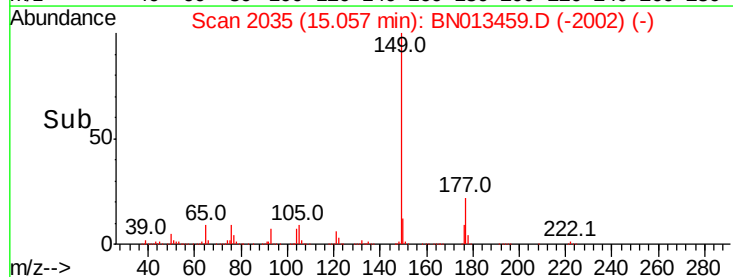
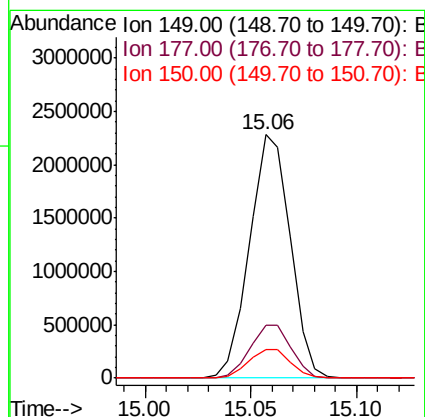
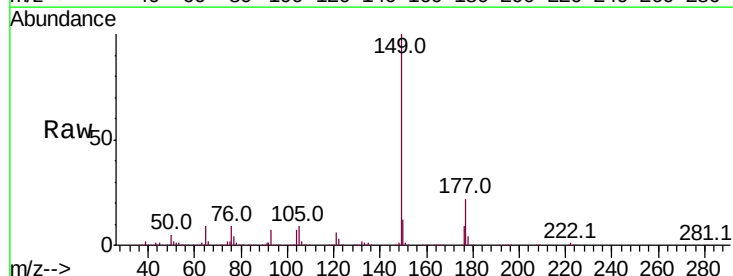
Instrument :
BNA_N
ClientSampleId :
X2X39

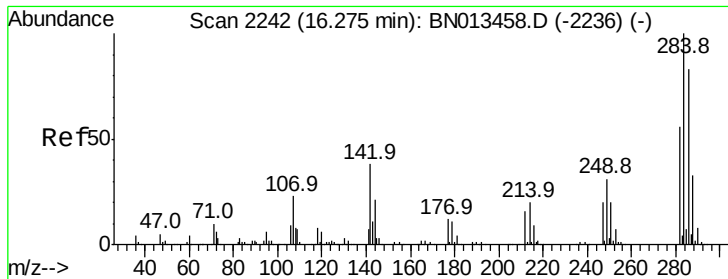
Tot Ion:168 Resp: 4298733
Ion Ratio Lower Upper
168 100
139 36.8 30.6 45.8



#59
Diethylphthalate
Concen: 41.032 ng/ul
RT: 15.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BN013459.D
Acq: 22 Jan 2021 15:23

Tgt Ion:149 Resp: 3054660
Ion Ratio Lower Upper
149 100
177 21.7 17.4 26.2
150 12.0 10.2 15.4





#69

Hexachlorobenzene

Concen: 38.004 ng/ul

RT: 16.27 min Scan# 2242

Delta R.T. -0.00 min

Lab File: BN013459.D

Acq: 22 Jan 2021 15:23

Instrument :

BNA_N

ClientSampleId :

X2X39

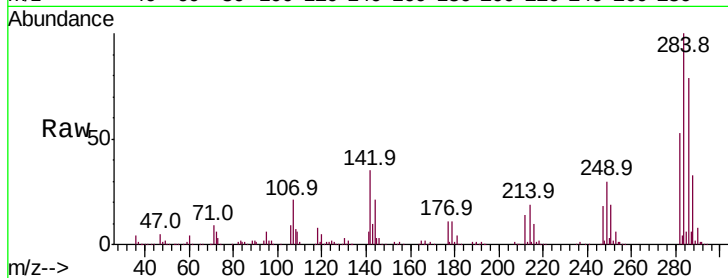
Tot Ion:284 Resp: 868033

Ion Ratio Lower Upper

284 100

142 35.0 30.0 45.0

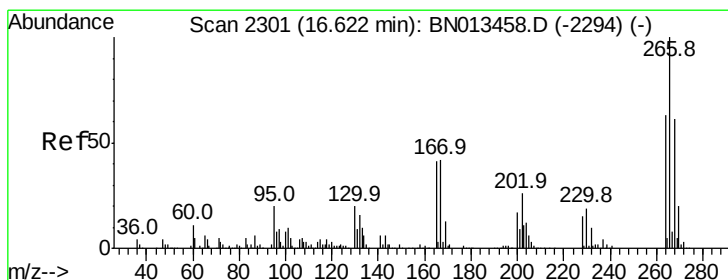
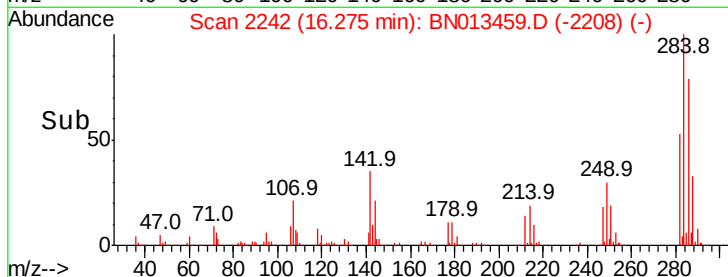
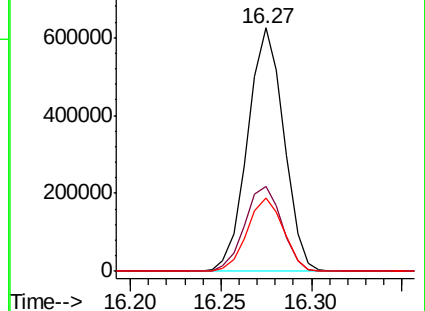
249 30.3 24.4 36.6



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#71

Pentachlorophenol

Concen: 65.240 ng/ul

RT: 16.62 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BN013459.D

Acq: 22 Jan 2021 15:23

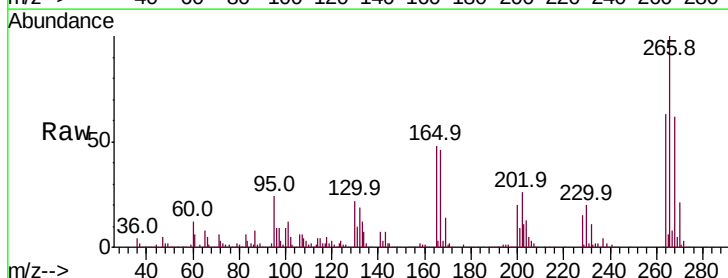
Tgt Ion:266 Resp: 795292

Ion Ratio Lower Upper

266 100

264 63.0 49.0 73.6

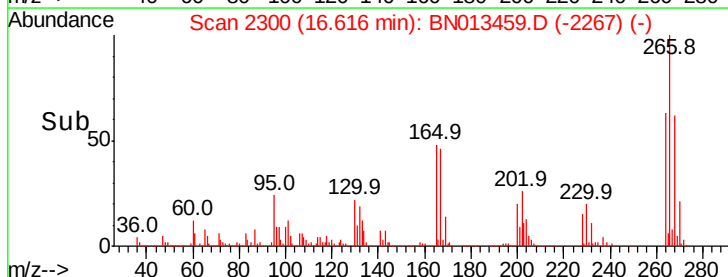
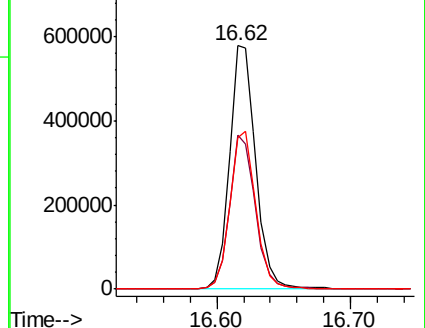
268 62.3 51.3 76.9

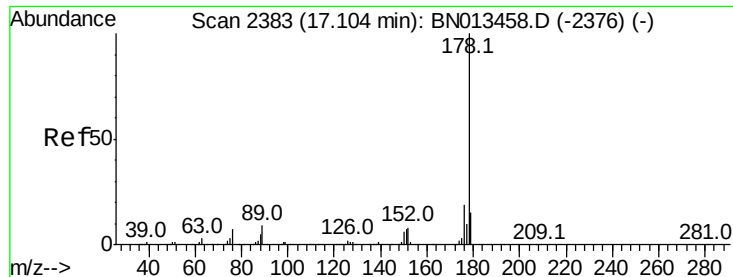


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#74

Anthracene

Concen: 48.839 ng/ul

RT: 17.10 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BN013459.D

Acq: 22 Jan 2021 15:23

Instrument :

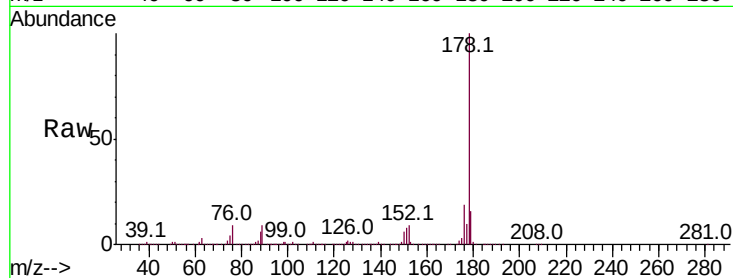
BNA_N

ClientSampleId :

X2X39

Tot Ion:178 Resp: 5178235

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	19.1	14.6	22.0

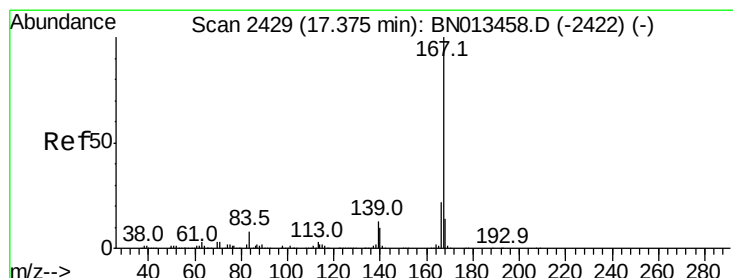
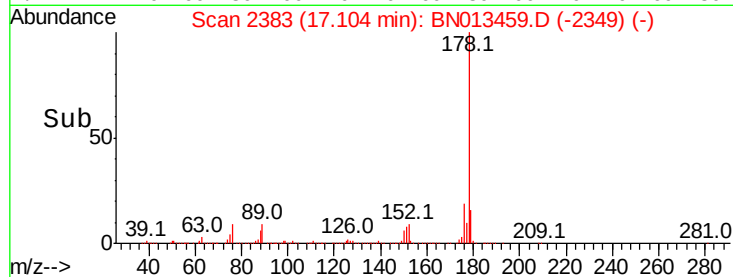
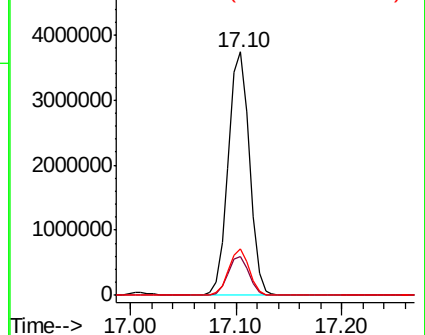


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#77

Carbazole

Concen: 63.774 ng/ul

RT: 17.37 min Scan# 2429

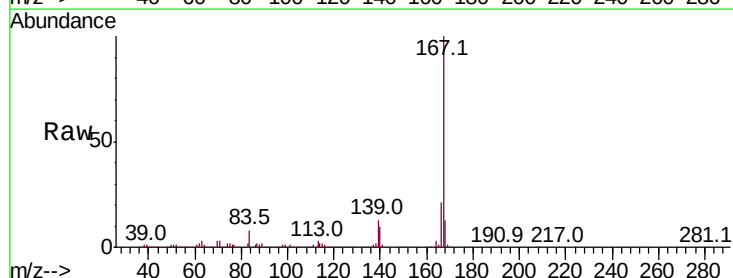
Delta R.T. -0.00 min

Lab File: BN013459.D

Acq: 22 Jan 2021 15:23

Tgt Ion:167 Resp: 5650331

Ion	Ratio	Lower	Upper
167	100		
166	21.1	17.5	26.3
139	13.2	10.3	15.5

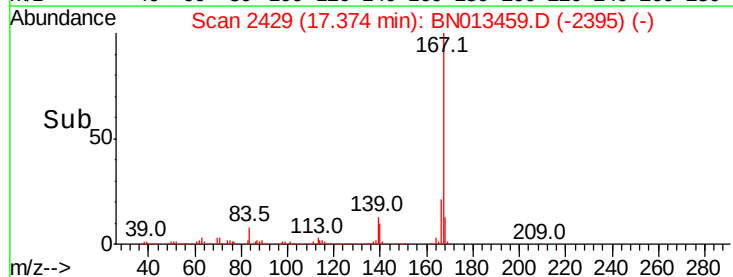
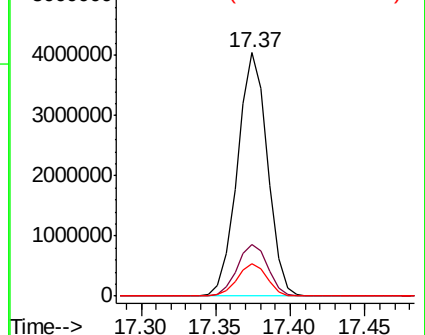


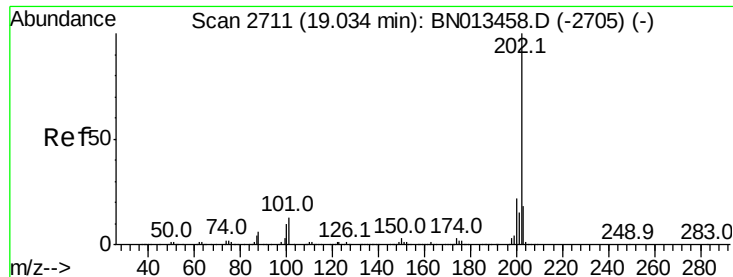
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

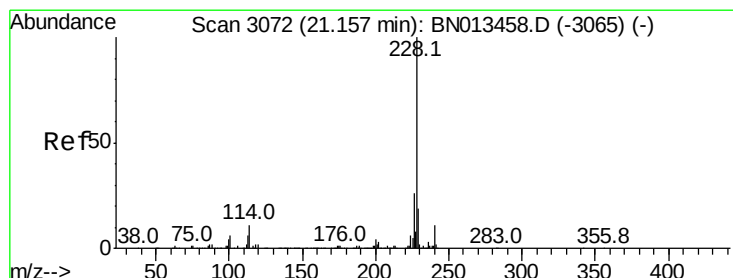
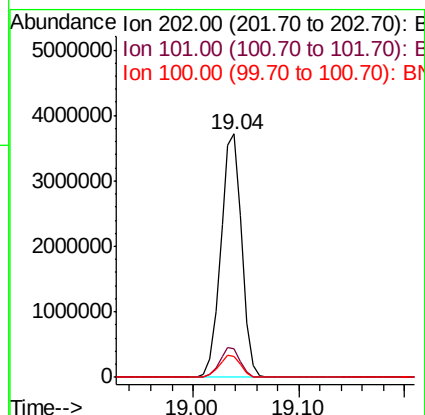
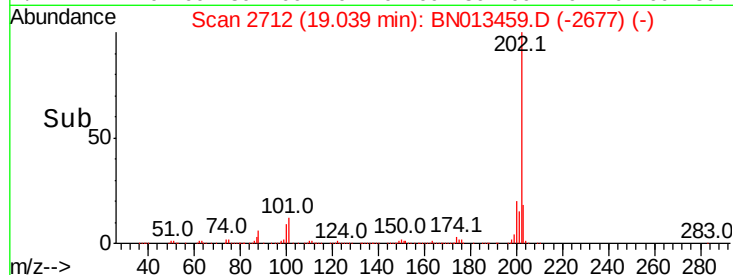
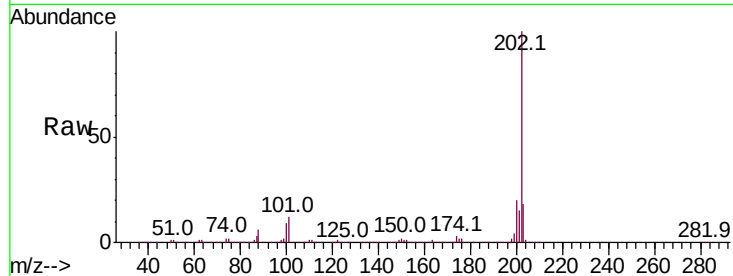




#80
 Fluoranthene
 Concen: 47.208 ng/ul
 RT: 19.04 min Scan# 2712
 Delta R.T. 0.01 min
 Lab File: BN013459.D
 Acq: 22 Jan 2021 15:23

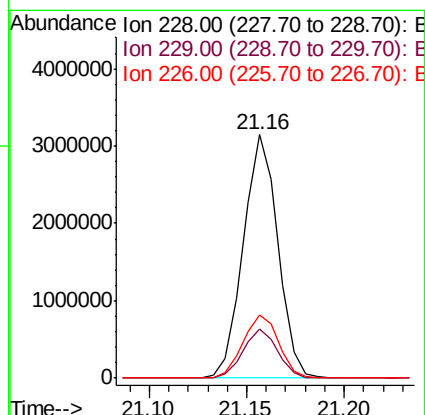
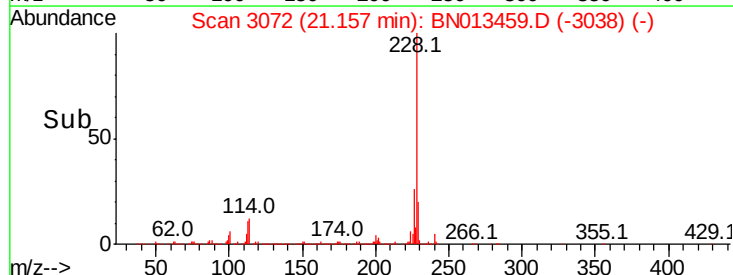
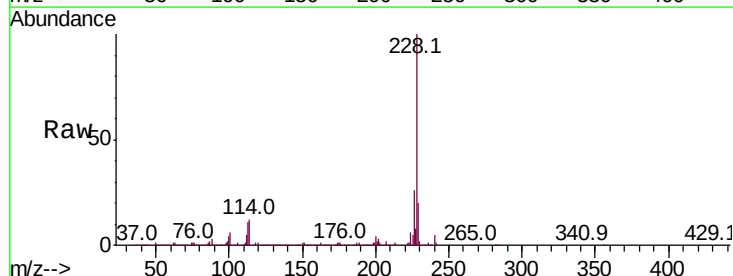
Instrument :
 BNA_N
 ClientSampleId :
 X2X39

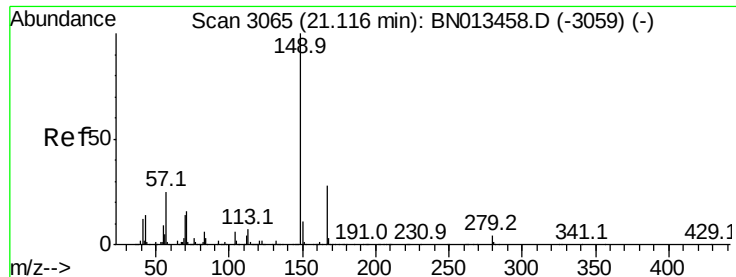
Tot Ion:202 Resp: 5112626
 Ion Ratio Lower Upper
 202 100
 101 11.6 9.6 14.4
 100 8.6 7.4 11.2



#85
 Benzo(a)anthracene
 Concen: 41.435 ng/ul
 RT: 21.16 min Scan# 3072
 Delta R.T. -0.00 min
 Lab File: BN013459.D
 Acq: 22 Jan 2021 15:23

Tgt Ion:228 Resp: 3861901
 Ion Ratio Lower Upper
 228 100
 229 19.9 15.8 23.6
 226 26.1 21.4 32.0





#86

Bis(2-ethylhexyl)phthalate

Concen: 58.069 ng/ul

RT: 21.12 min Scan# 3065

Delta R.T. -0.00 min

Lab File: BN013459.D

Acq: 22 Jan 2021 15:23

Instrument :

BNA_N

ClientSampleId :

X2X39

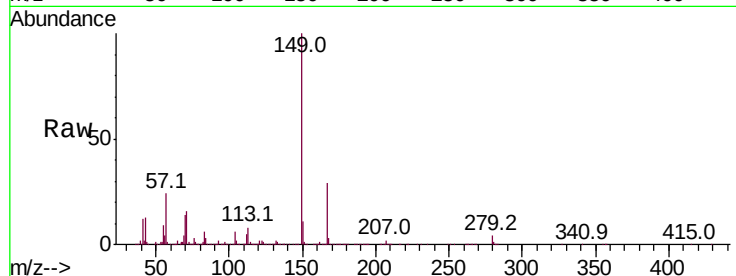
Tot Ion:149 Resp: 3022049

Ion	Ratio	Lower	Upper
149	100		
167	28.6	22.8	34.2
279	4.3	3.9	5.9

149 100

167 28.6 22.8 34.2

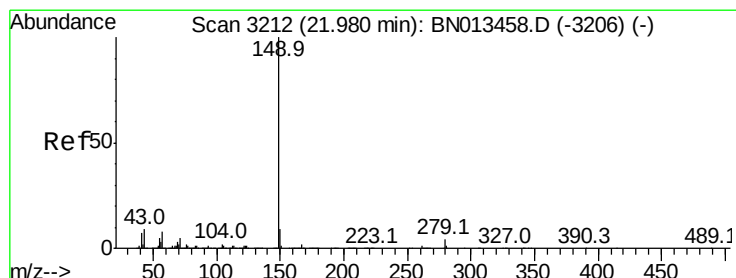
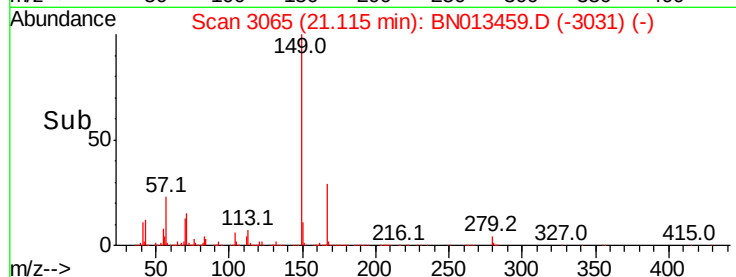
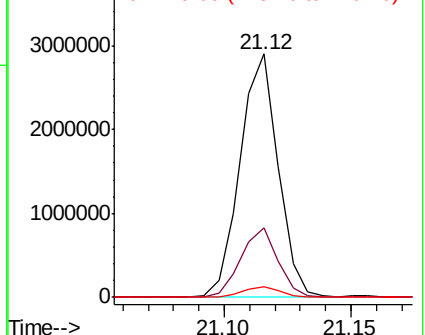
279 4.3 3.9 5.9



Abundance Ion 149.00 (148.70 to 149.70): E

4000000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#89

Di-n-octyl phthalate

Concen: 62.968 ng/ul

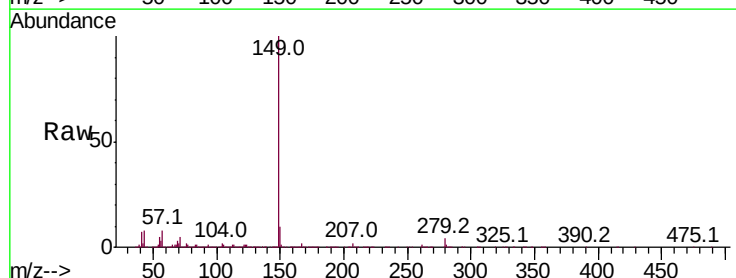
RT: 21.98 min Scan# 3212

Delta R.T. -0.00 min

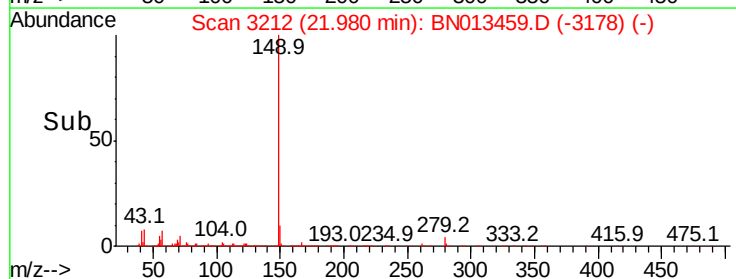
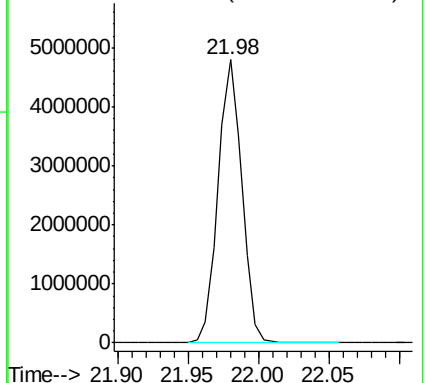
Lab File: BN013459.D

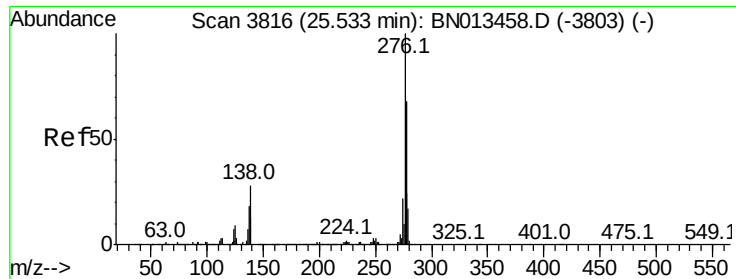
Acq: 22 Jan 2021 15:23

Tgt Ion:149 Resp: 5621472



Abundance Ion 149.00 (148.70 to 149.70): E



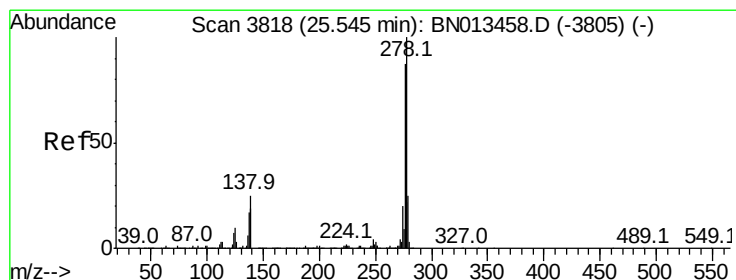
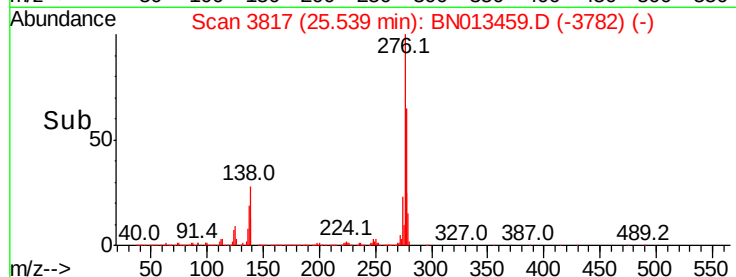
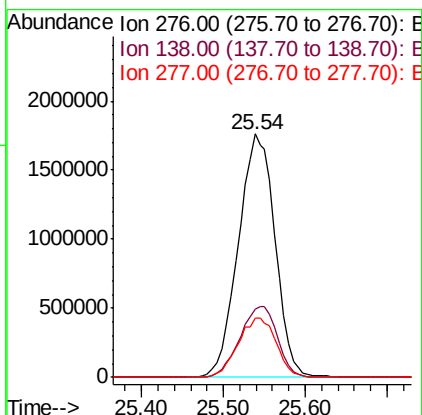
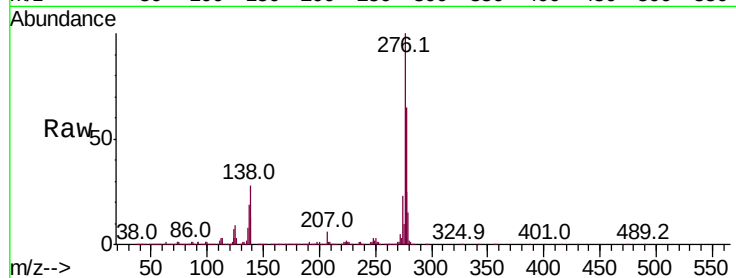


#94

Indeno(1,2,3-cd)pyrene
Concen: 50.756 ng/ul
RT: 25.54 min Scan# 3817
Delta R.T. 0.01 min
Lab File: BN013459.D
Acq: 22 Jan 2021 15:23

Instrument :
BNA_N
ClientSampleId :
X2X39

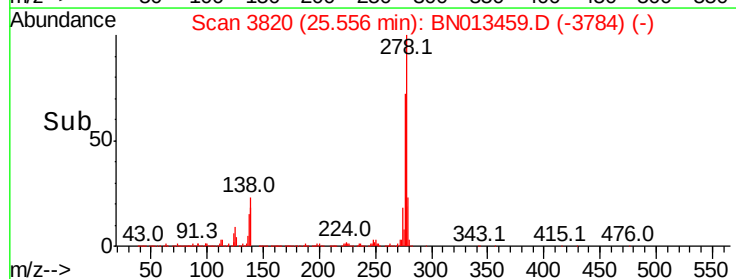
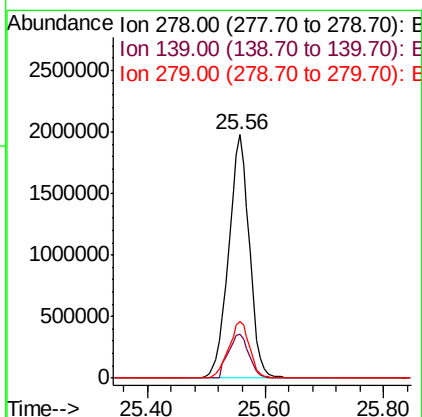
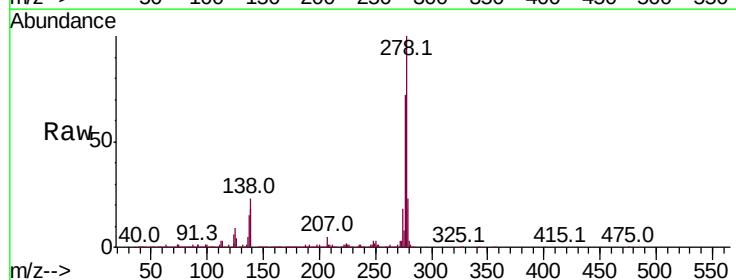
Tot Ion:276 Resp: 5488253
Ion Ratio Lower Upper
276 100
138 27.8 21.9 32.9
277 24.5 19.4 29.2

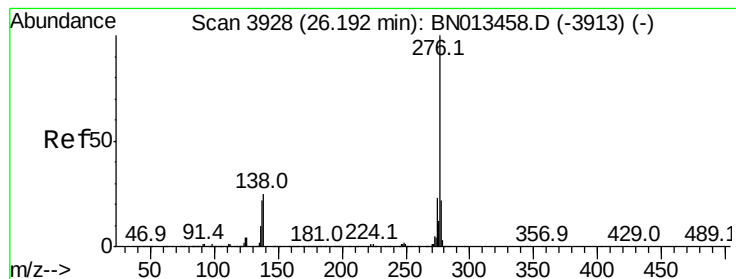


#95

Dibenzo(a,h)anthracene
Concen: 53.713 ng/ul
RT: 25.56 min Scan# 3820
Delta R.T. 0.01 min
Lab File: BN013459.D
Acq: 22 Jan 2021 15:23

Tgt Ion:278 Resp: 4851885
Ion Ratio Lower Upper
278 100
139 17.9 14.6 21.8
279 23.3 19.6 29.4





#96

Benzo(a,h,i)perylene

Concen: 55.268 ng/ul

RT: 26.21 min Scan# 3931

Delta R.T. 0.02 min

Lab File: BN013459.D

Acq: 22 Jan 2021 15:23

Instrument :

BNA_N

ClientSampleId :

X2X39

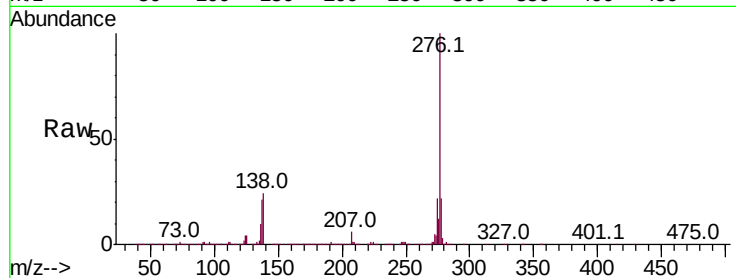
Tot Ion:276 Resp: 4967726

Ion Ratio Lower Upper

276 100

138 24.3 21.3 31.9

277 22.1 20.4 30.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

