

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN012921\
 Data File : BN013544.D
 Acq On : 29 Jan 2021 18:16
 Operator : CG/JU
 Sample : M1274-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jan 29 21:44:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN012921MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 29 21:10:00 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	272759	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1165108	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	692180	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	1413826	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	1432792	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	1435183	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	34554	5.44	ng/uL	0.00
5) Phenol-d5	6.73	99	170438	8.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	463007	39.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	552057	32.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	331764	20.57	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	324513	41.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	339830	41.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	598839	37.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	67703	3.50	ng/ul	-0.01
44) Dimethylphthalate-d6	13.61	166	2259112	48.72	ng/ul	0.00
47) Acenaphthylene-d8	13.88	160	2725082	44.72	ng/ul	0.00
52) 4-Nitrophenol-d4	14.39	143	75249	8.37	ng/ul	0.00
58) Fluorene-d10	15.19	176	1922987	47.33	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	702473	92.89	ng/ul	0.02
71) Anthracene-d10	17.05	188	3088963	50.39	ng/ul	0.00
79) Pyrene-d10	19.34	212	3347903	49.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	3685318	52.59	ng/ul	0.00

Target Compounds

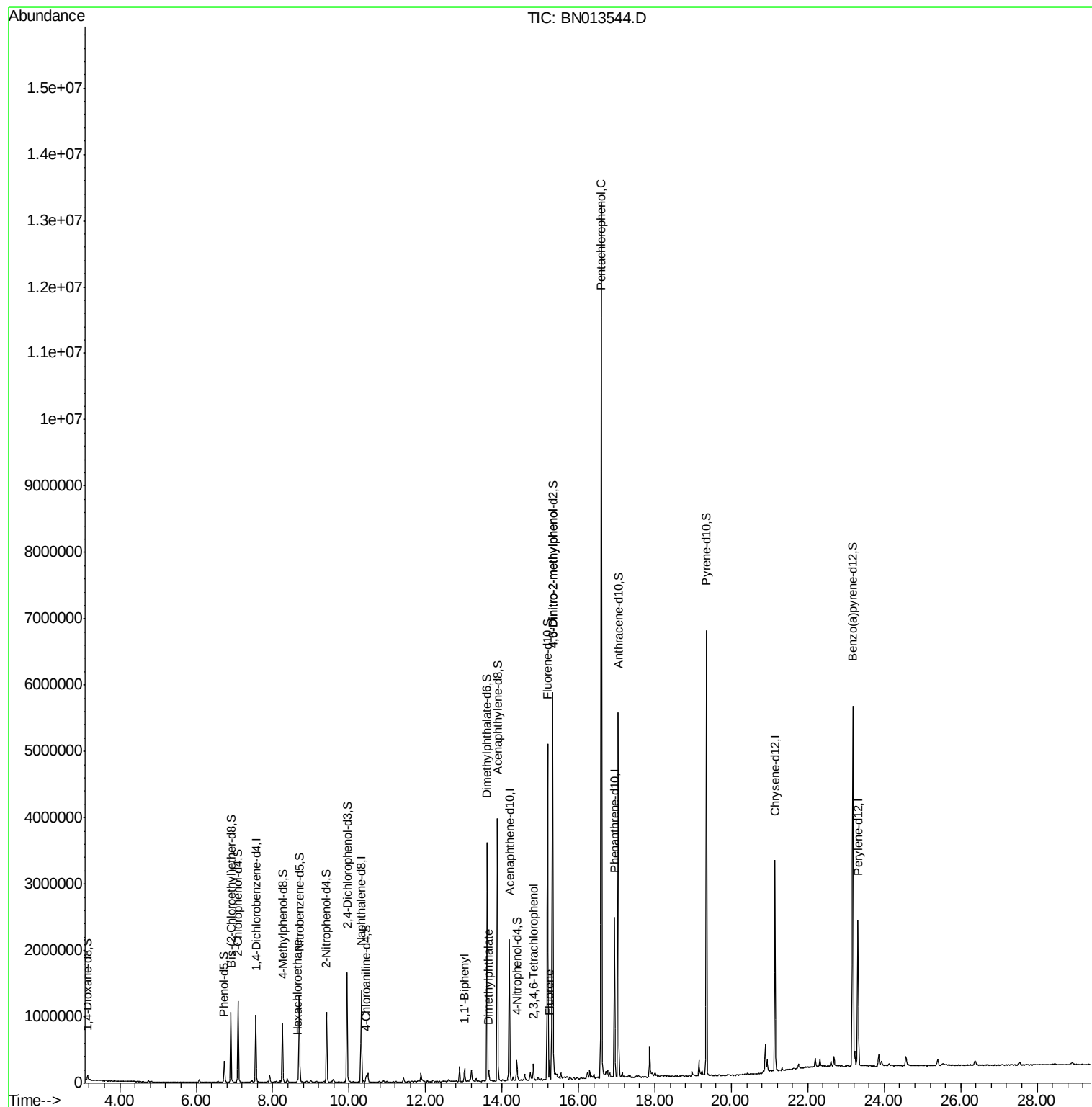
					Ovalue	
17) Hexachloroethane	8.66	117	15392	2.182	ng/ul#	8
41) 1,1'-Biphenyl	13.02	154	96194	1.836	ng/ul	93
45) Dimethylphthalate	13.66	163	95494	1.981	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.82	232	40149	3.857	ng/ul#	85
59) Fluorene	15.25	166	125713	2.618	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.33	198	1243921	159.124	ng/ul#	57
69) Pentachlorophenol	16.60	266	2192461	248.468	ng/ul	93

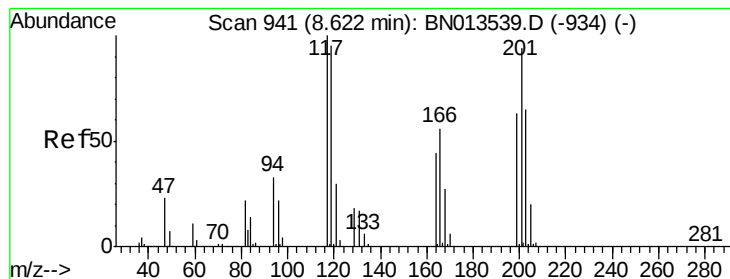
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Hexachloroethane

Concen: 2.182 ng/ul

RT: 8.66 min Scan# 947

Delta R.T. 0.04 min

Lab File: BN013544.D

Acq: 29 Jan 2021 18:16

Instrument :

BNA_N

ClientSampleId :

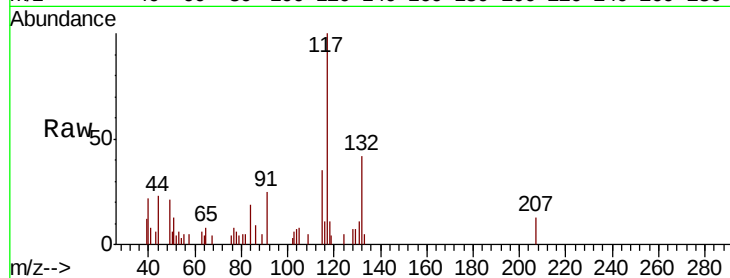
Tot Ion:117 Resp: 15392

Ion Ratio Lower Upper

117 100

201 0.0 78.8 118.2#

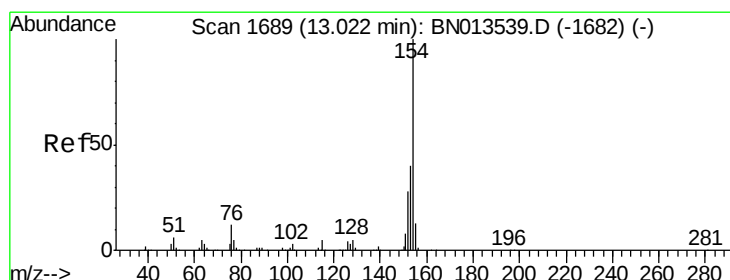
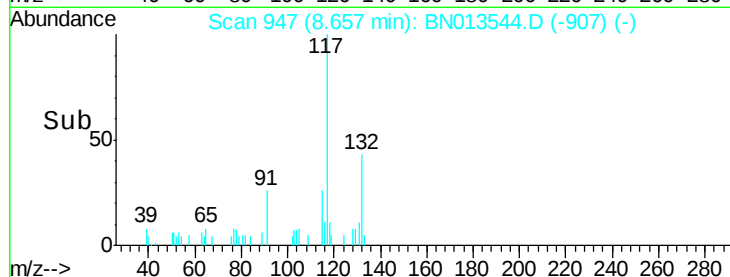
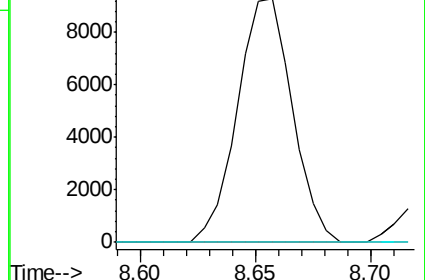
199 0.0 48.2 72.2#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#41

1,1'-Biphenyl

Concen: 1.836 ng/ul

RT: 13.02 min Scan# 1689

Delta R.T. 0.00 min

Lab File: BN013544.D

Acq: 29 Jan 2021 18:16

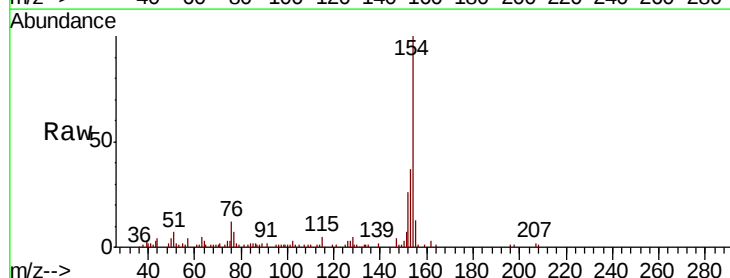
Tgt Ion:154 Resp: 96194

Ion Ratio Lower Upper

154 100

153 36.9 33.7 50.5

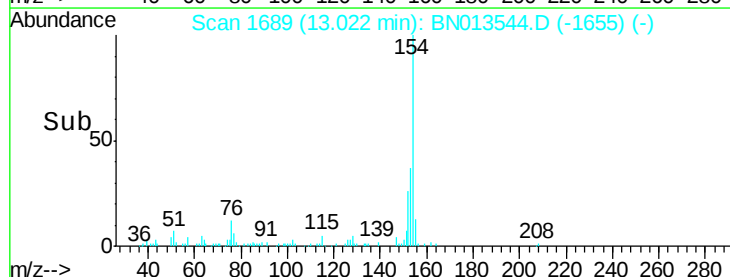
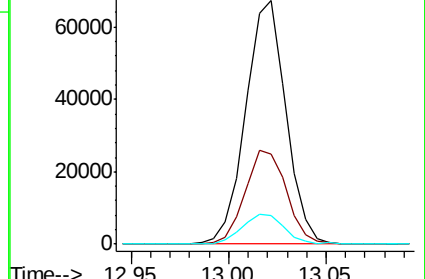
76 11.8 9.9 14.9

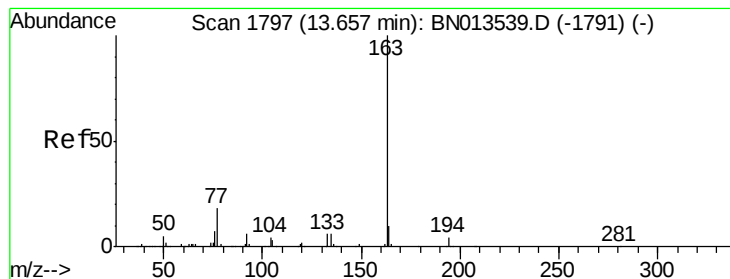


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BNC

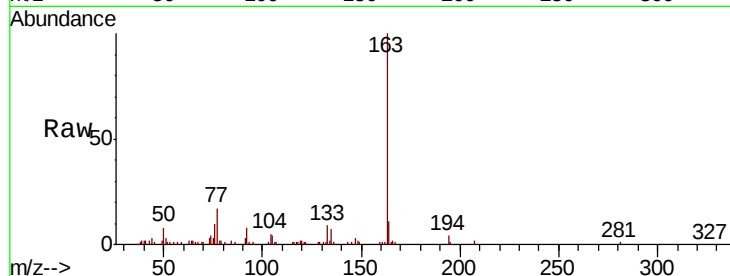




#45
Dimethylphthalate
Concen: 1.981 ng/ul
RT: 13.66 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BN013544.D
Acq: 29 Jan 2021 18:16

Instrument :
BNA_N
ClientSampled :

Tot Ion	163	Resp	95494
Ion Ratio	100	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	11.1	8.3	12.5

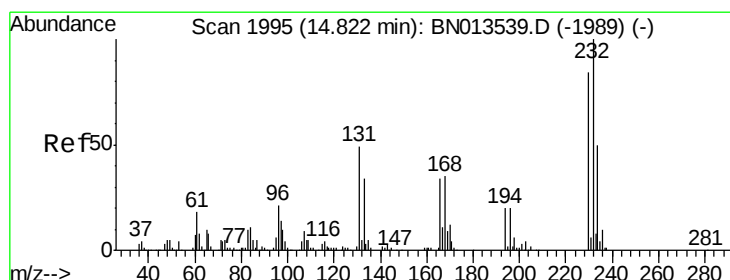
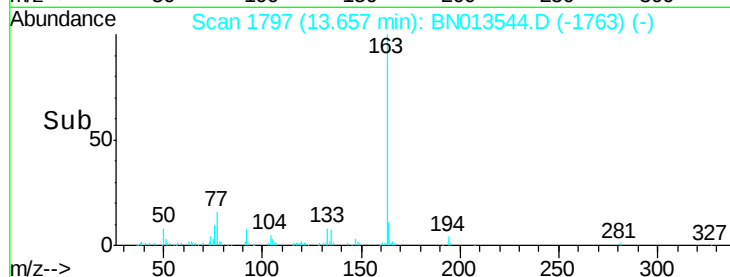
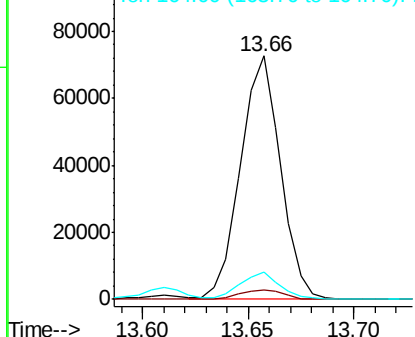


Abundance

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



#56
2,3,4,6-Tetrachlorophenol
Concen: 3.857 ng/ul
RT: 14.82 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BN013544.D
Acq: 29 Jan 2021 18:16

Tgt Ion	232	Resp	40149
Ion Ratio	100	Lower	Upper
232	100		
131	56.9	34.6	52.0#
130	4.9	1.8	2.6#
166	36.3	25.9	38.9

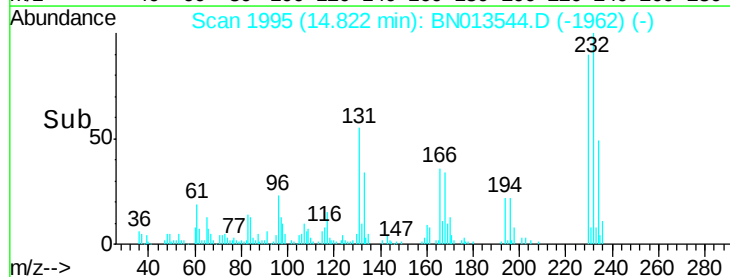
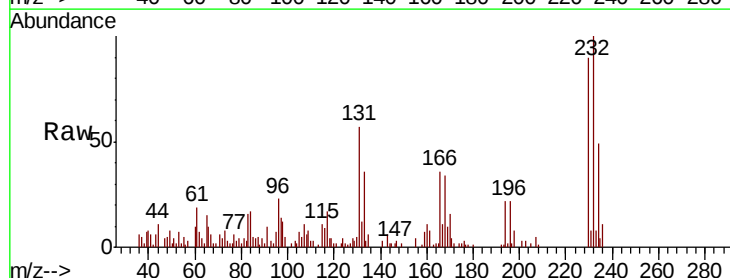
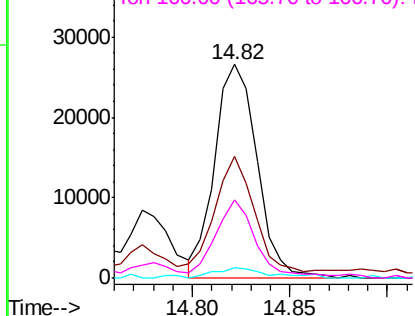
Abundance

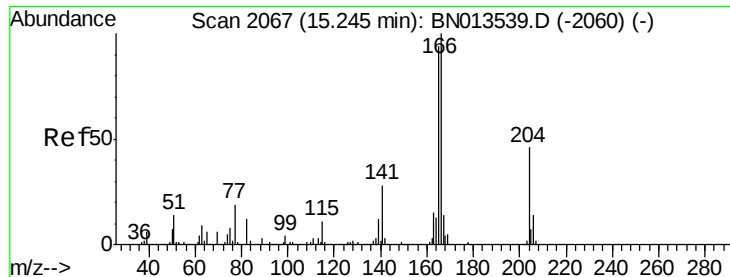
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Fluorene

Concen: 2.618 ng/ul

RT: 15.25 min Scan# 2067

Delta R.T. 0.00 min

Lab File: BN013544.D

Acq: 29 Jan 2021 18:16

Instrument :

BNA_N

ClientSampleId :

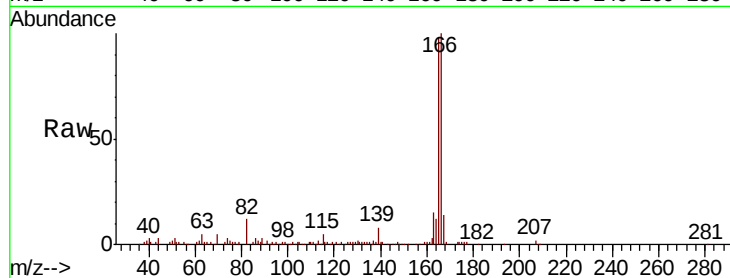
Tot Ion:166 Resp: 125713

Ion Ratio Lower Upper

166 100

165 98.2 77.4 116.0

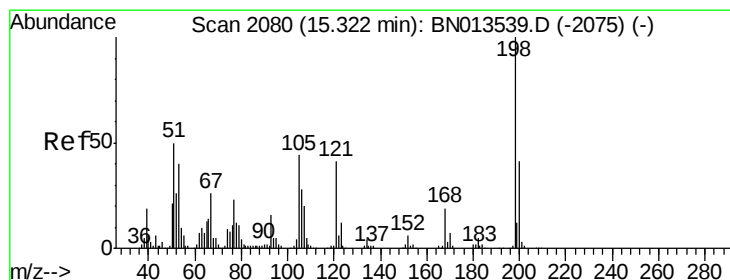
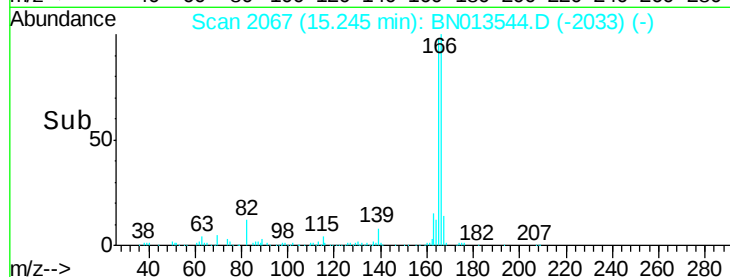
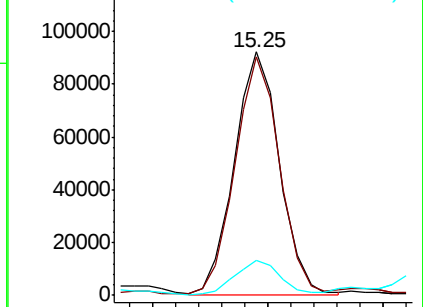
167 14.5 10.6 16.0



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: 159.124 ng/ul

RT: 15.33 min Scan# 2081

Delta R.T. 0.00 min

Lab File: BN013544.D

Acq: 29 Jan 2021 18:16

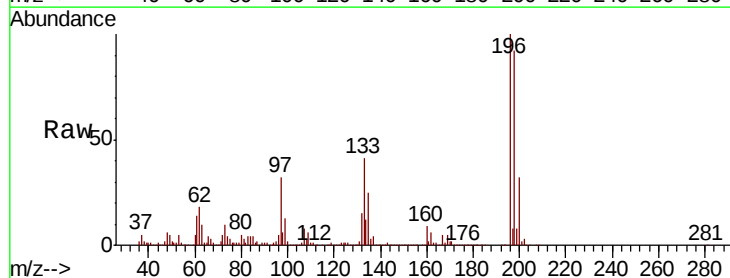
Tgt Ion:198 Resp: 1243921

Ion Ratio Lower Upper

198 100

182 0.2 3.4 5.0#

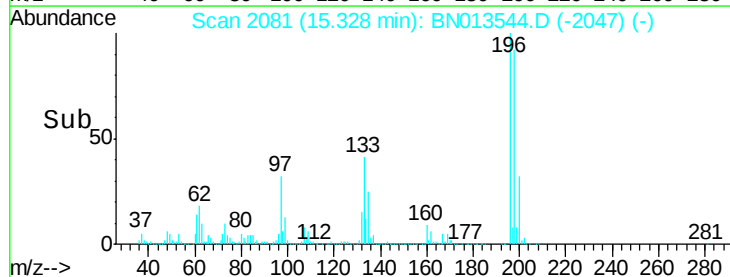
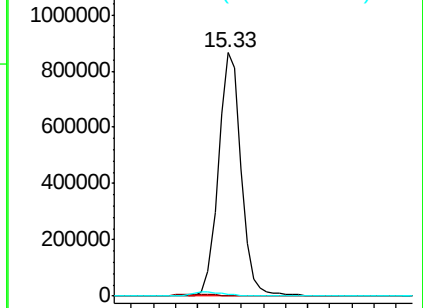
77 0.7 19.8 29.6#

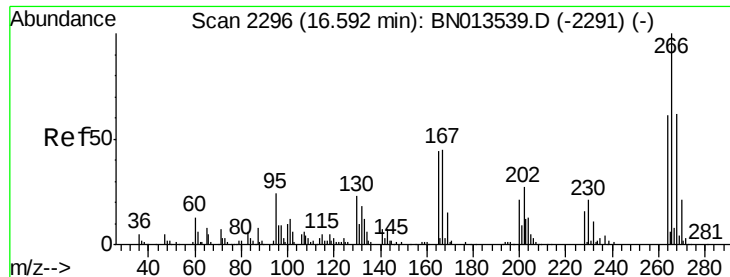


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BNC





#69

Pentachlorophenol

Concen: 248.468 ng/ul

RT: 16.60 min Scan# 2297

Delta R.T. 0.01 min

Lab File: BN013544.D

Acq: 29 Jan 2021 18:16

Instrument :

BNA_N

ClientSampleId :

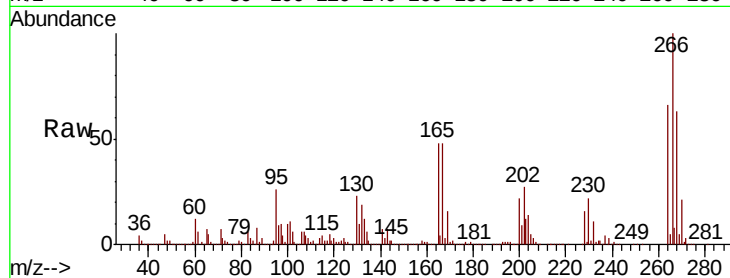
Tot Ion:266 Resp: 2192461

Ion Ratio Lower Upper

266 100

264 65.8 47.7 71.5

268 63.2 47.5 71.3



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

