

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
 Data File : BP002848.D
 Acq On : 23 Jul 2020 19:36
 Operator : CG/JU
 Sample : L3381-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-225-GRID-B5

Quant Time: Jul 24 01:00:22 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

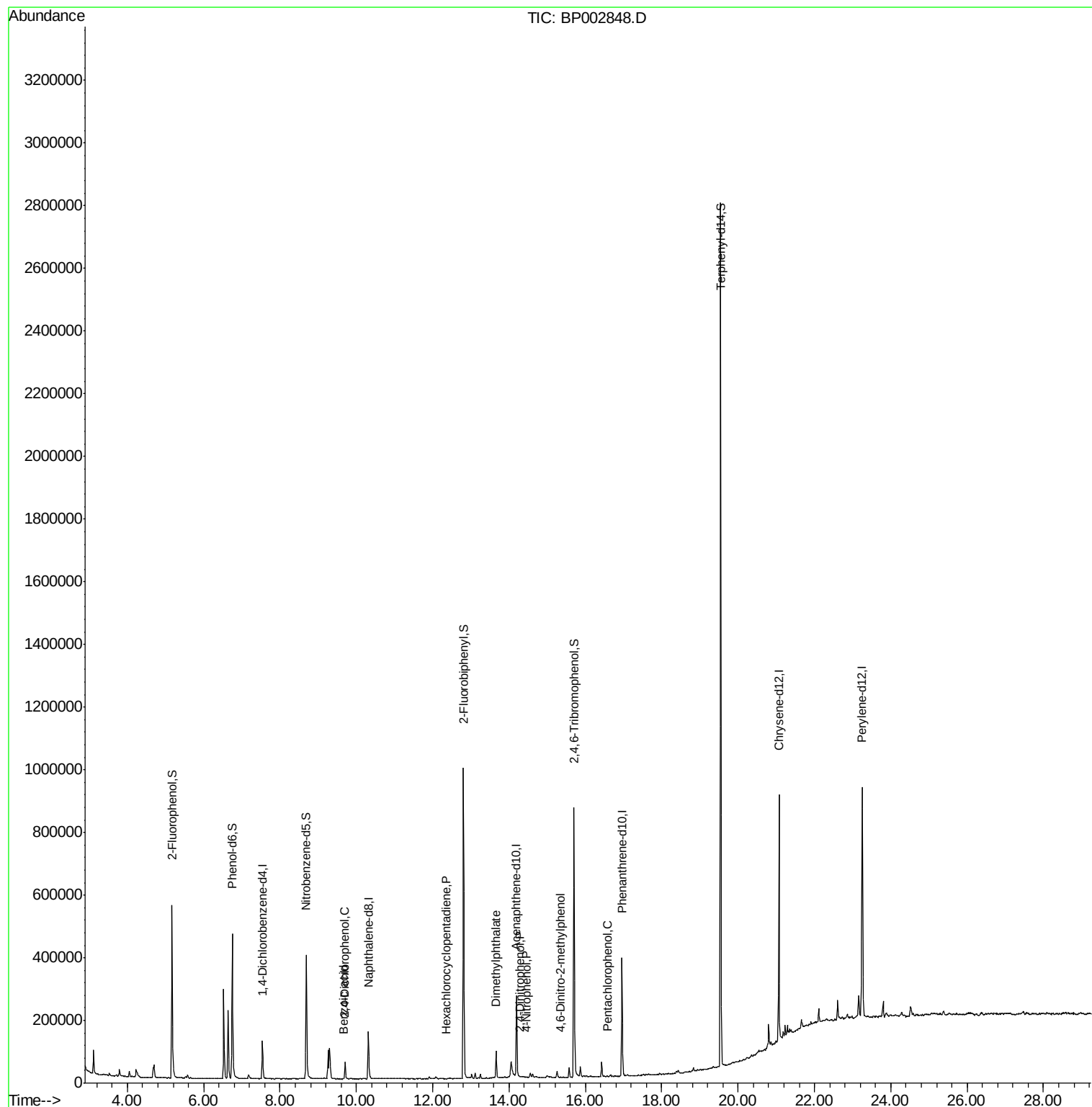
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	33750	20.00	ng	-0.01
21) Naphthalene-d8	10.32	136	137155	20.00	ng	-0.01
39) Acenaphthene-d10	14.19	164	91031	20.00	ng	-0.02
64) Phenanthrene-d10	16.96	188	227285	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	373282	20.00	ng	0.00
86) Perylene-d12	23.25	264	490422	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	271815	135.88	ng	-0.01
7) Phenol-d6	6.75	99	318729	111.64	ng	-0.01
23) Nitrobenzene-d5	8.69	82	253215	98.74	ng	-0.02
42) 2,4,6-Tribromophenol	15.70	330	164390	173.00	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	534371	90.81	ng	-0.02
79) Terphenyl-d14	19.55	244	1153943	70.88	ng	-0.01
Target Compounds						
29) 2,4-Dichlorophenol	9.70	162	4733	2.204	ng	# 41
32) Benzoic acid	9.67	122	22	7.075	ng	# 1
41) Hexachlorocyclopentadiene	12.35	237	11	7.442	ng	93
50) Dimethylphthalate	13.66	163	62350	8.981	ng	98
54) 2,4-Dinitrophenol	14.30	184	11	11.385	ng	# 1
56) 4-Nitrophenol	14.45	139	25	4.989	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.34	198	34	5.289	ng	# 1
70) Pentachlorophenol	16.58	266	12	7.450	ng	96

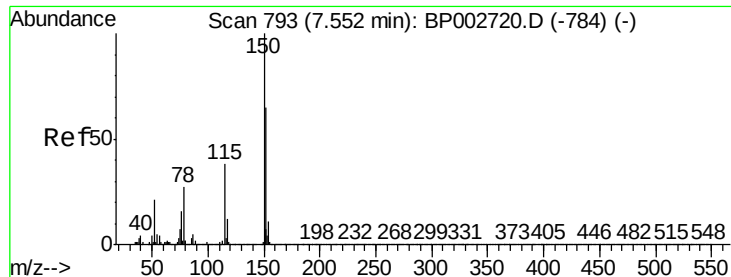
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072320\
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VNJ-225-GRID-B5

Quant Time: Jul 24 01:00:22 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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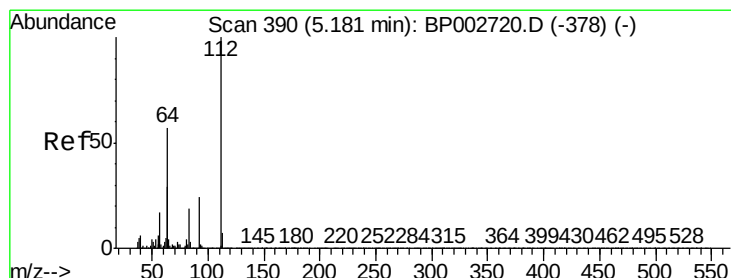
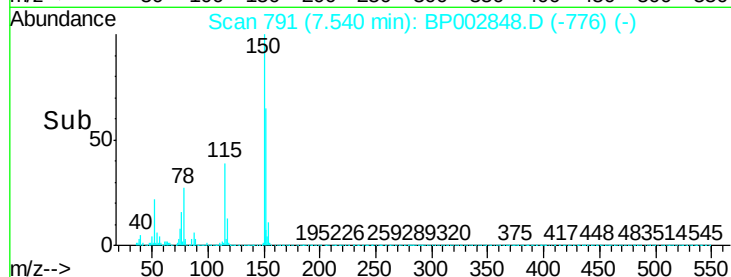
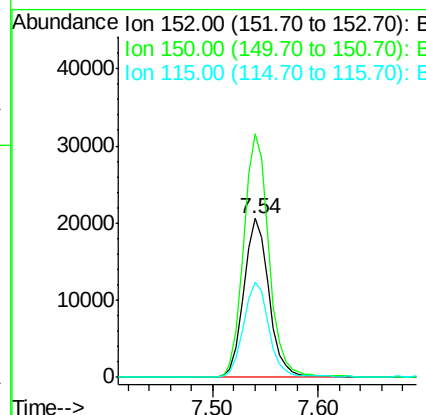
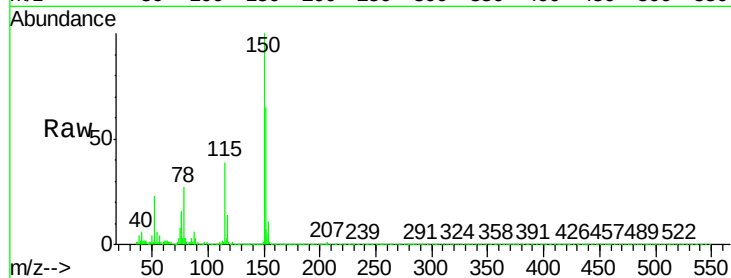


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.54 min Scan# 791
Delta R.T. -0.01 min
Lab File: BP002848.D
Acq: 23 Jul 2020 19:36

Instrument :
BNA_P
ClientSampleId :
VNJ-225-GRID-B5

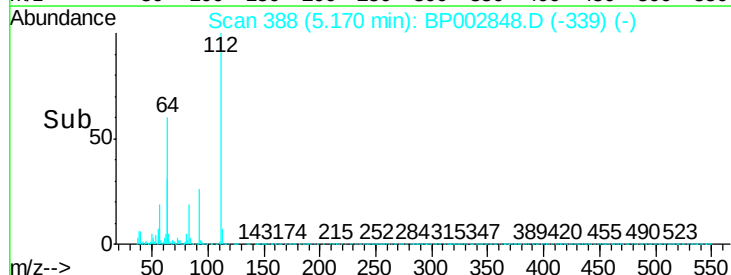
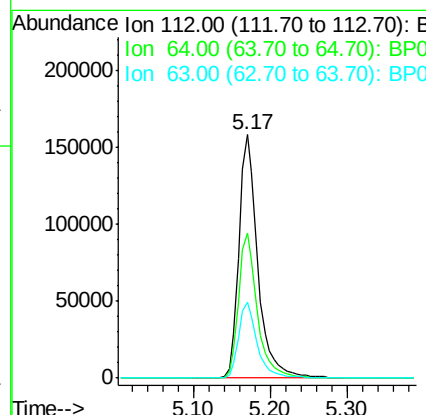
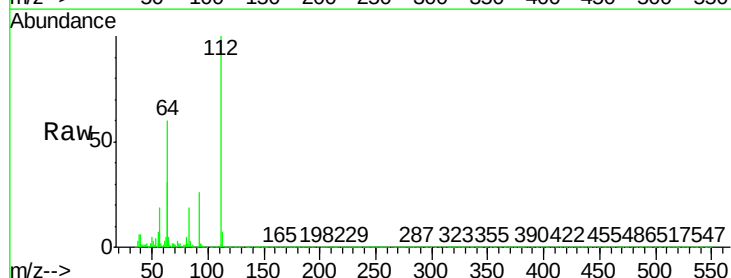
Tot Ion:152 Resp: 33750
Ion Ratio Lower Upper
152 100
150 153.1 123.7 185.5
115 59.7 47.2 70.8

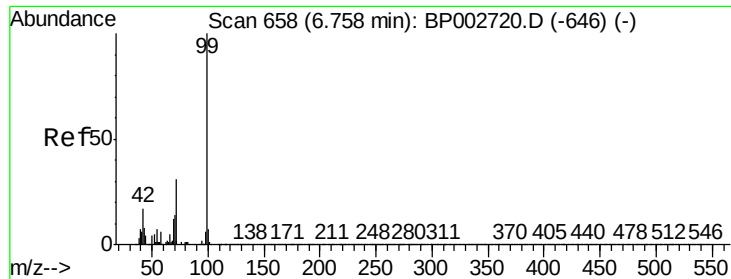


#5

2-Fluorophenol
Concen: 135.882 ng
RT: 5.17 min Scan# 388
Delta R.T. -0.01 min
Lab File: BP002848.D
Acq: 23 Jul 2020 19:36

Tgt Ion:112 Resp: 271815
Ion Ratio Lower Upper
112 100
64 59.8 45.6 68.4
63 31.2 23.5 35.3





#7

Phenol-d6

Concen: 111.644 ng

RT: 6.75 min Scan# 656

Delta R.T. -0.01 min

Lab File: BP002848.D

Acq: 23 Jul 2020 19:36

Instrument :

BNA_P

ClientSampleId :

VNJ-225-GRID-B5

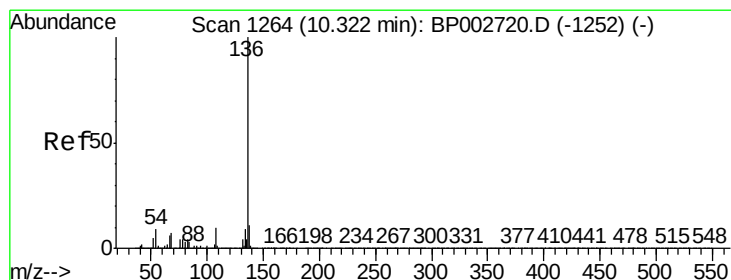
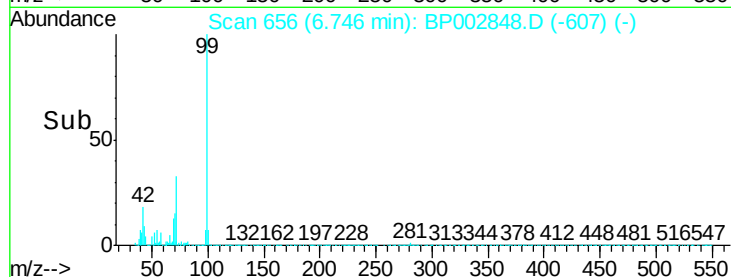
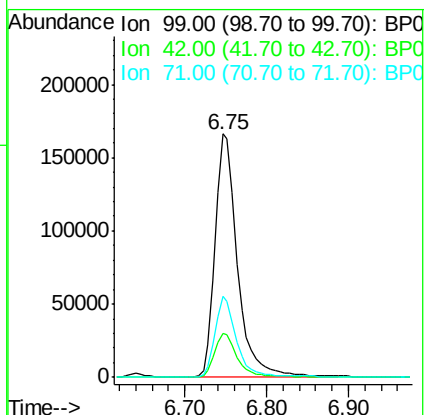
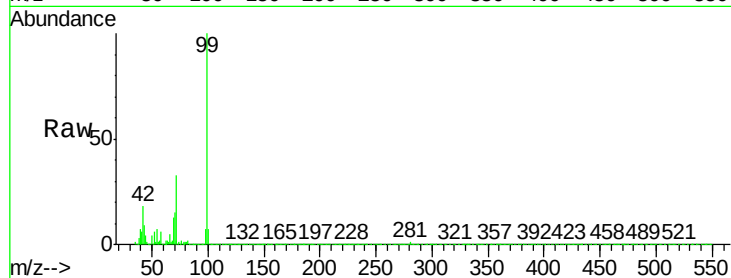
Tot Ion: 99 Resp: 318729

Ion Ratio Lower Upper

99 100

42 18.2 13.4 20.2

71 33.0 24.6 36.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BP002848.D

Acq: 23 Jul 2020 19:36

Tgt Ion: 136 Resp: 137155

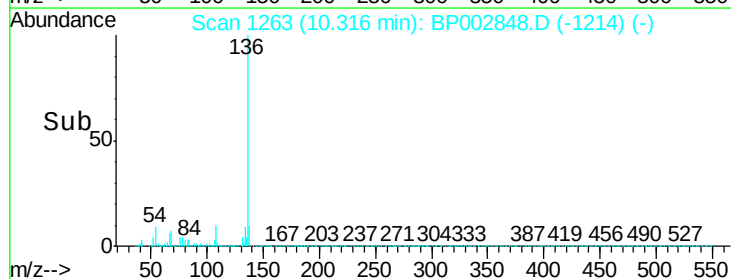
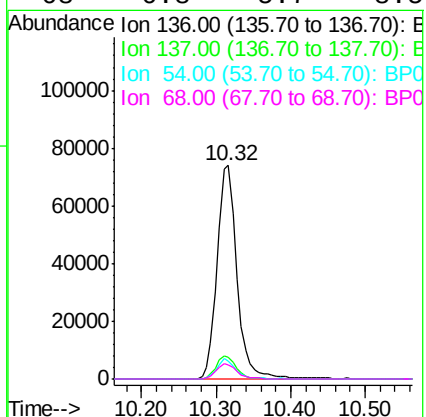
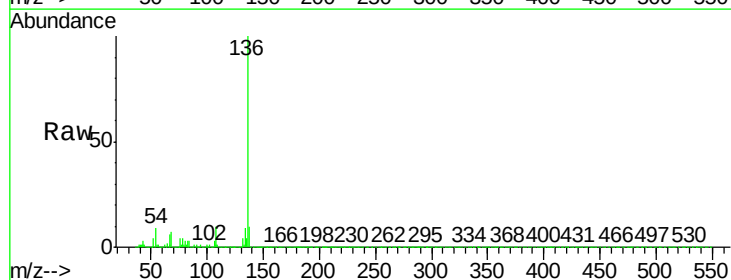
Ion Ratio Lower Upper

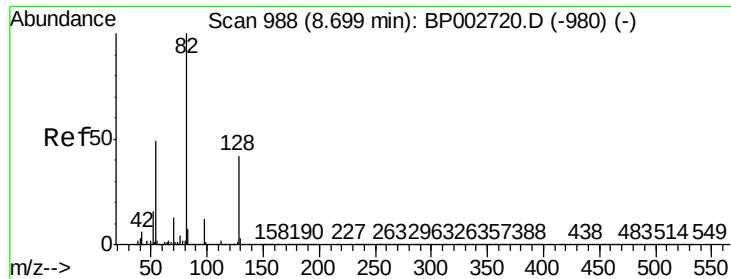
136 100

137 10.3 8.6 13.0

54 8.7 6.9 10.3

68 6.8 5.7 8.5

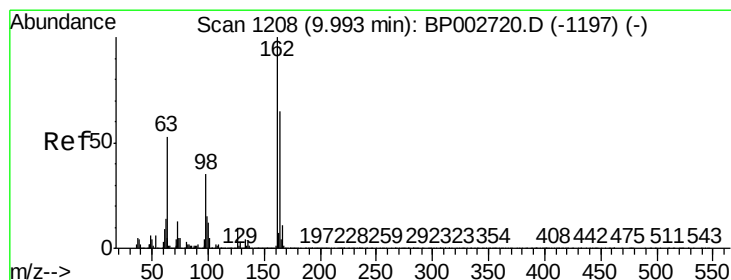
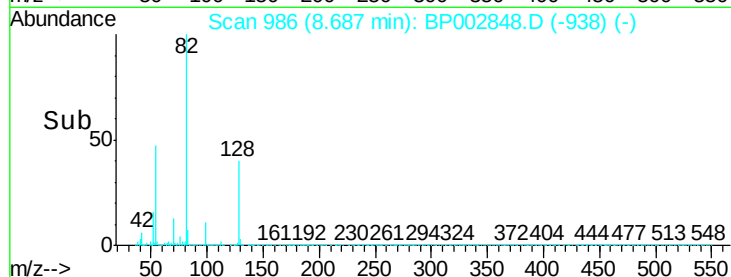
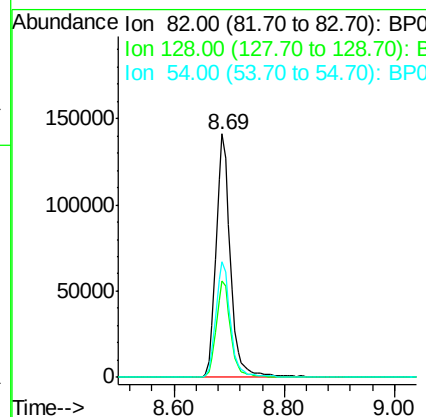
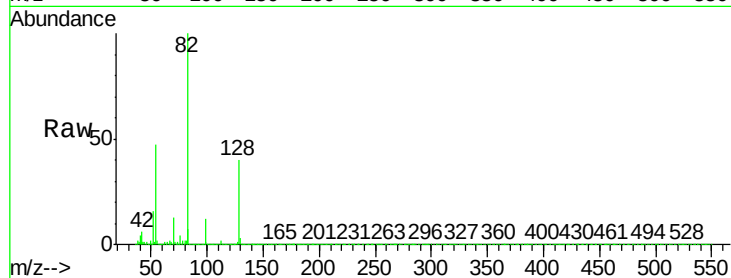




#23
Nitrobenzene-d5
Concen: 98.741 ng
RT: 8.69 min Scan# 986
Delta R.T. -0.02 min
Lab File: BP002848.D
Acq: 23 Jul 2020 19:36

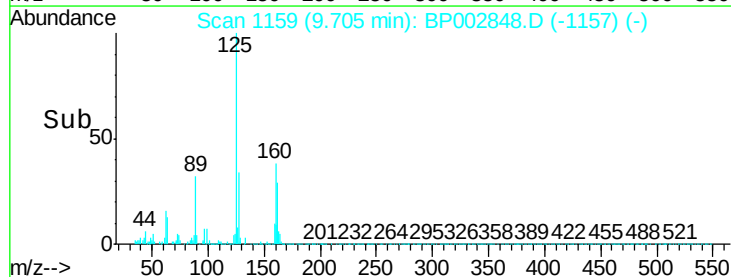
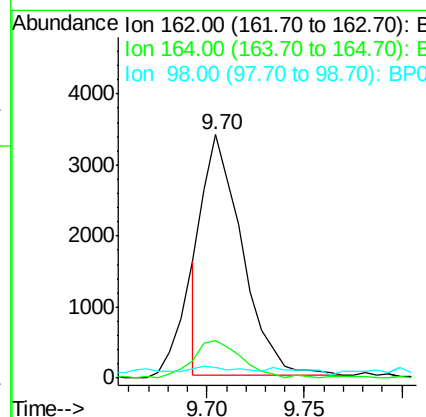
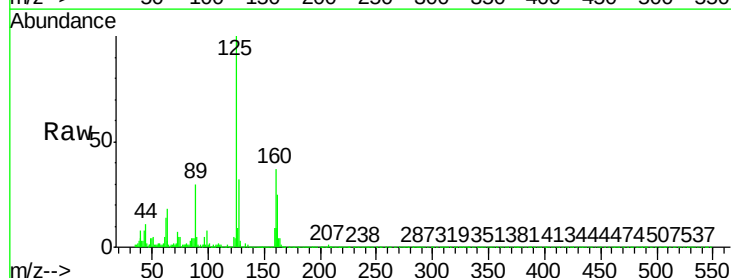
Instrument :
BNA_P
ClientSampleId :
VNJ-225-GRID-B5

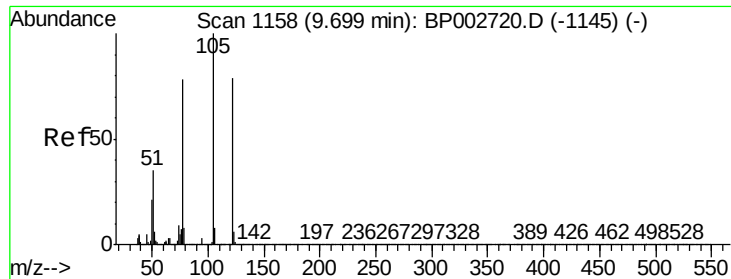
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.8	50.8
54	47.3	38.8	58.2



#29
2,4-Dichlorophenol
Concen: 2.204 ng
RT: 9.70 min Scan# 1159
Delta R.T. -0.29 min
Lab File: BP002848.D
Acq: 23 Jul 2020 19:36

Tgt Ion	Ratio	Lower	Upper
162	100		
164	15.2	44.5	84.5#
98	4.4	15.2	55.2#

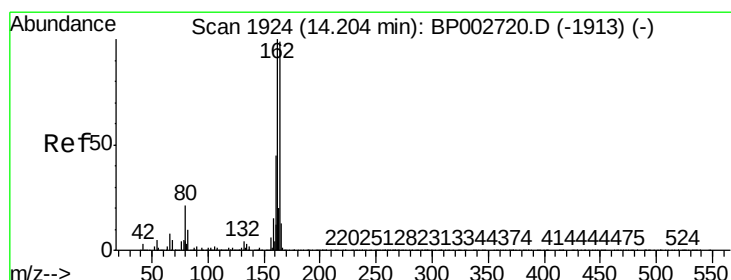
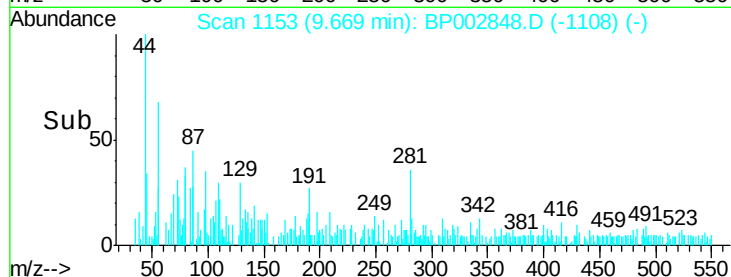
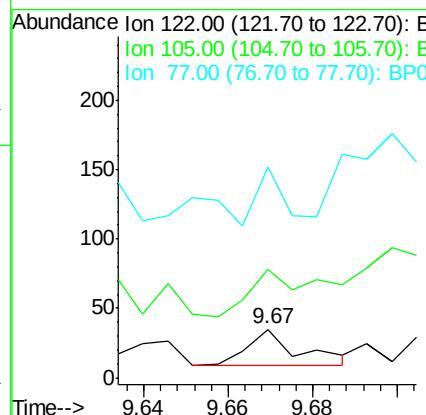
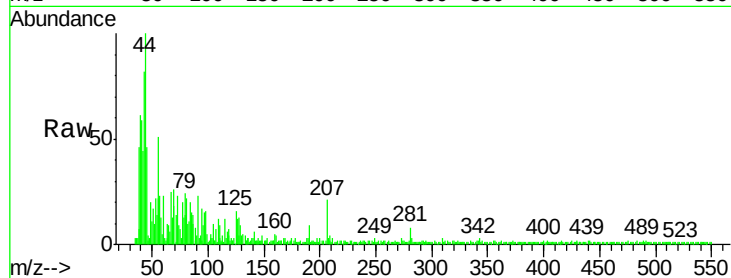




#32
Benzoic acid
Concen: 7.075 ng
RT: 9.67 min Scan# 1153
Delta R.T. -0.04 min
Lab File: BP002848.D
Acq: 23 Jul 2020 19:36

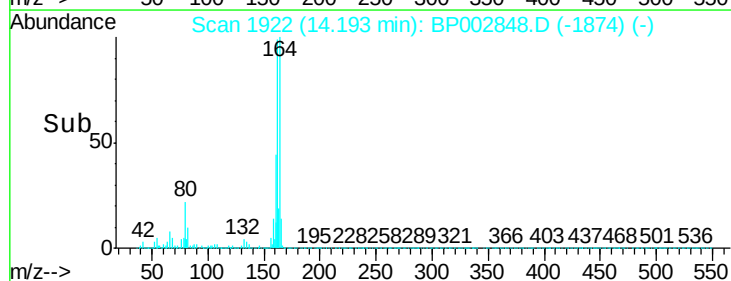
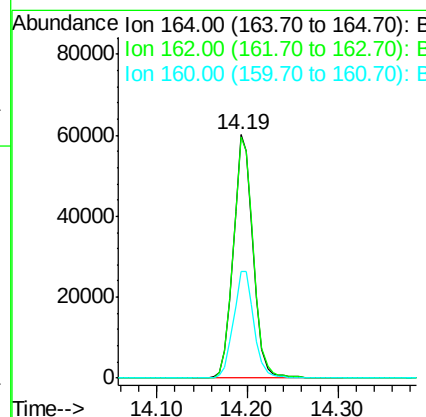
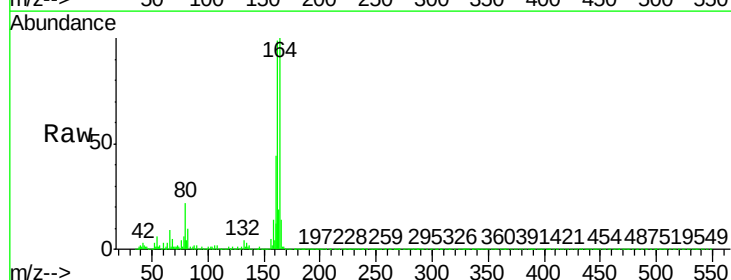
Instrument :
BNA_P
ClientSampleId :
VNJ-225-GRID-B5

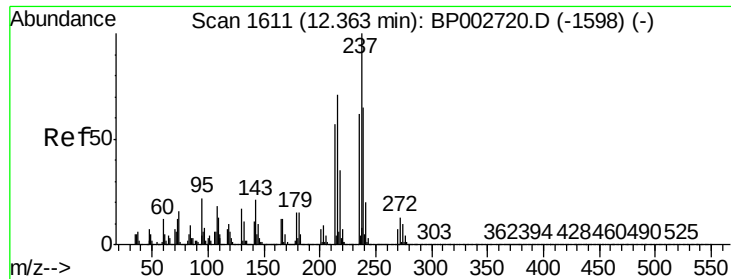
Tot Ion	Ratio	Lower	Upper
122	100		
105	222.9	105.4	145.4#
77	434.3	78.5	118.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.19 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BP002848.D
Acq: 23 Jul 2020 19:36

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.9	80.6	121.0
160	43.9	36.4	54.6





#41

Hexachlorocyclopentadiene

Concen: 7.442 ng

RT: 12.35 min Scan# 1608

Delta R.T. -0.02 min

Lab File: BP002848.D

Acq: 23 Jul 2020 19:36

Instrument :

BNA_P

ClientSampleId :

VNJ-225-GRID-B5

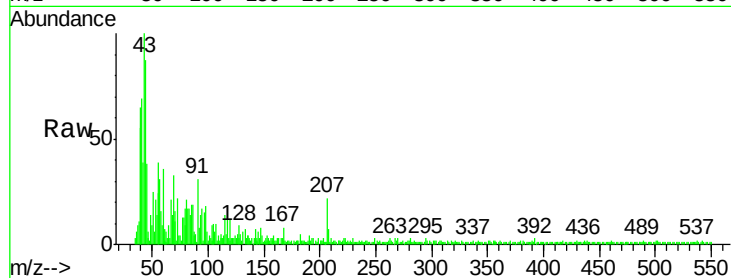
Tot Ion:237 Resp: 11

Ion Ratio Lower Upper

237 100

235 61.1 42.3 82.3

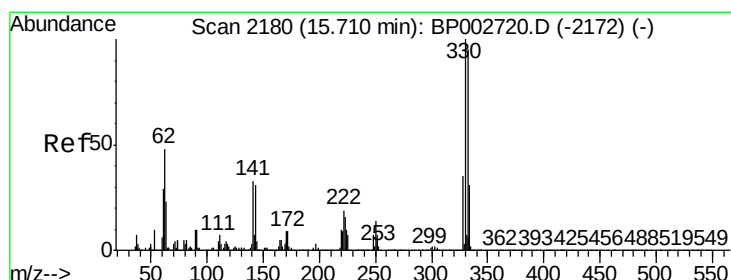
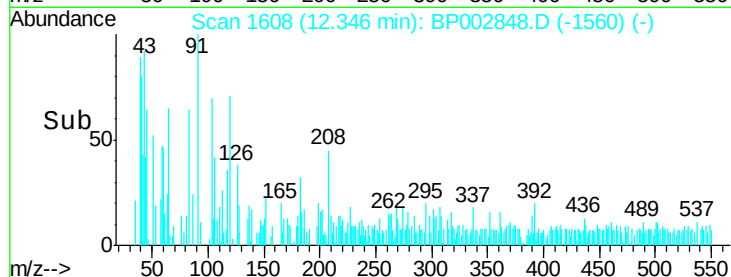
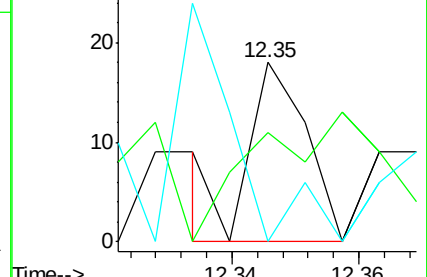
272 0.0 0.0 32.5



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 173.002 ng

RT: 15.70 min Scan# 2179

Delta R.T. -0.01 min

Lab File: BP002848.D

Acq: 23 Jul 2020 19:36

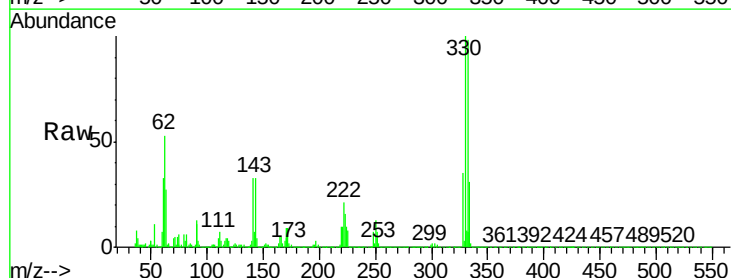
Tgt Ion:330 Resp: 164390

Ion Ratio Lower Upper

330 100

332 96.9 76.5 114.7

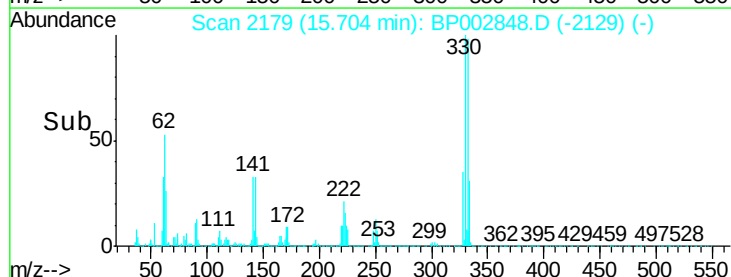
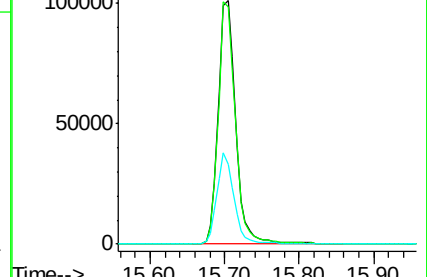
141 36.4 28.8 43.2

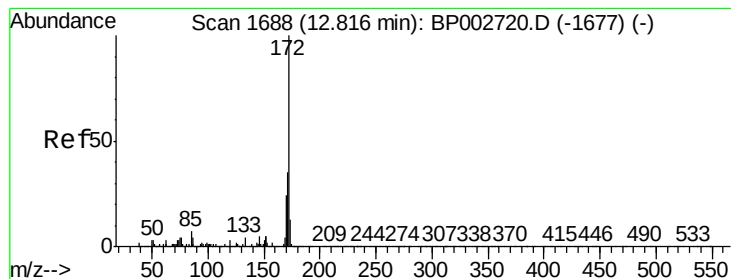


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 90.811 ng

RT: 12.80 min Scan# 1686

Delta R.T. -0.02 min

Lab File: BP002848.D

Acq: 23 Jul 2020 19:36

Instrument :

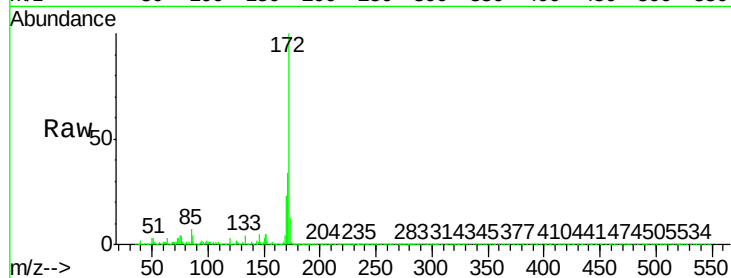
BNA_P

ClientSampleId :

VNJ-225-GRID-B5

Tot Ion:172 Resp: 534371

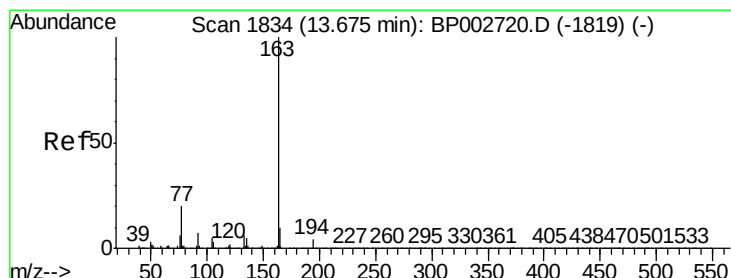
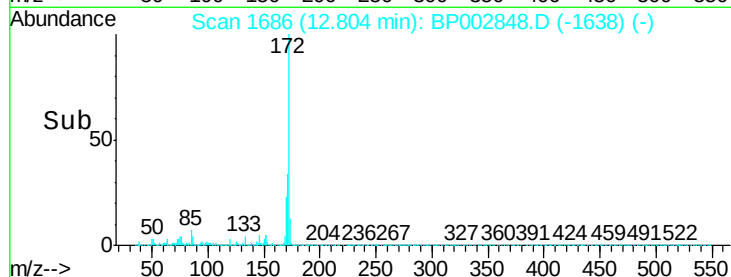
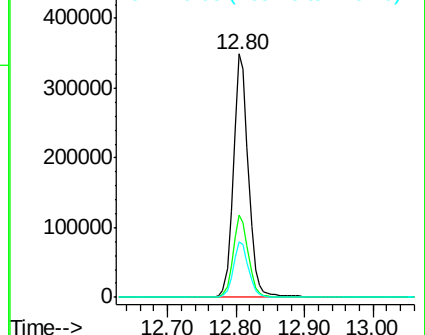
Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.1	42.1
170	22.7	19.3	28.9



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#50

Dimethylphthalate

Concen: 8.981 ng

RT: 13.66 min Scan# 1831

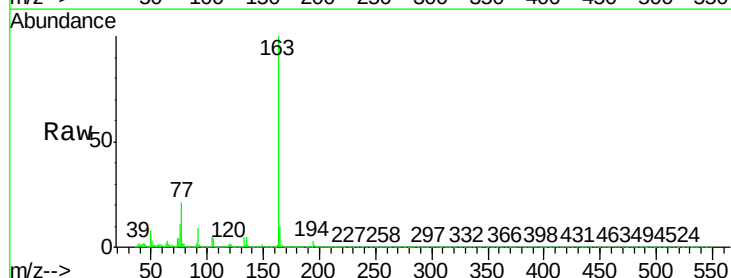
Delta R.T. -0.02 min

Lab File: BP002848.D

Acq: 23 Jul 2020 19:36

Tgt Ion:163 Resp: 62350

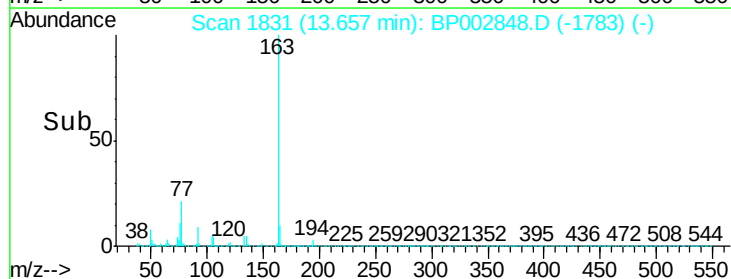
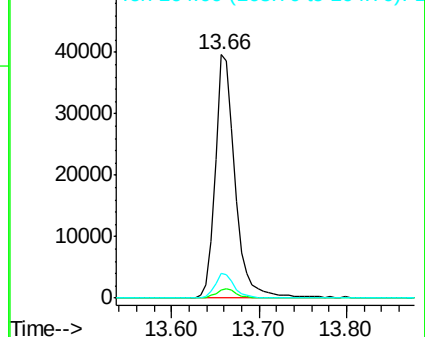
Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.4	5.2
164	10.3	7.8	11.8

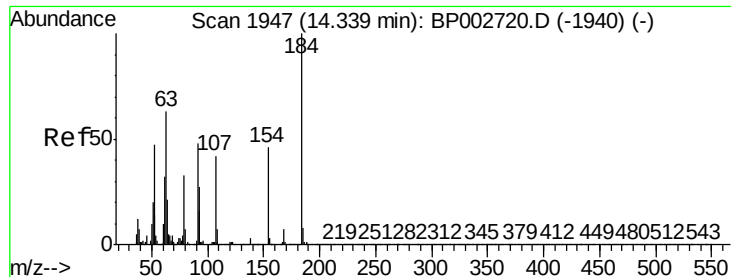


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

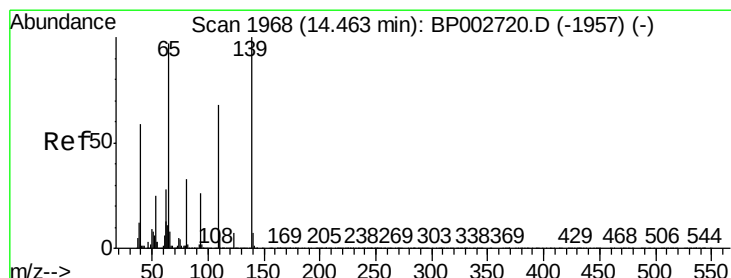
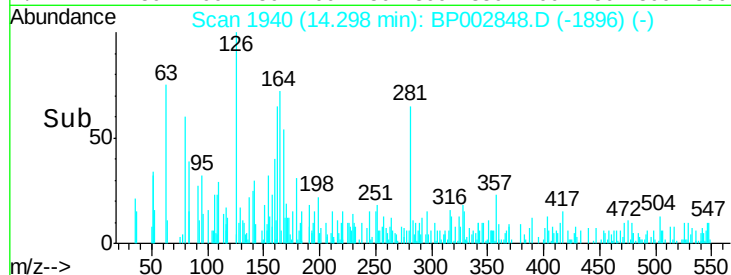
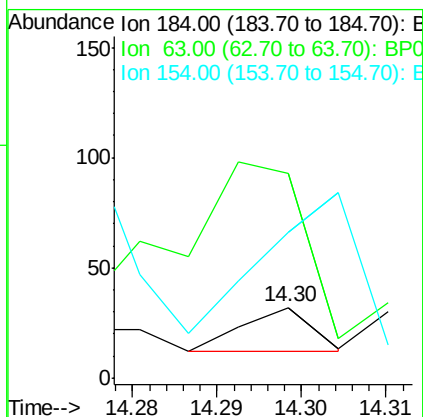
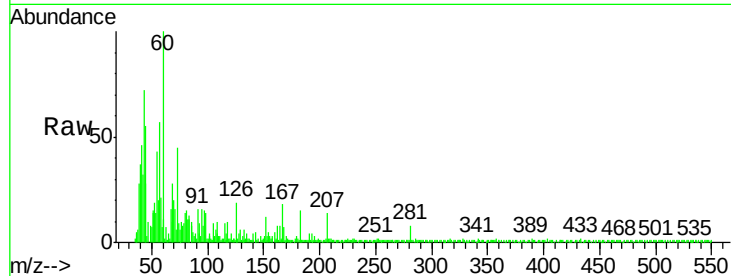




#54
2,4-Dinitrophenol
Concen: 11.385 ng
RT: 14.30 min Scan# 1940
Delta R.T. -0.04 min
Lab File: BP002848.D
Acq: 23 Jul 2020 19:36

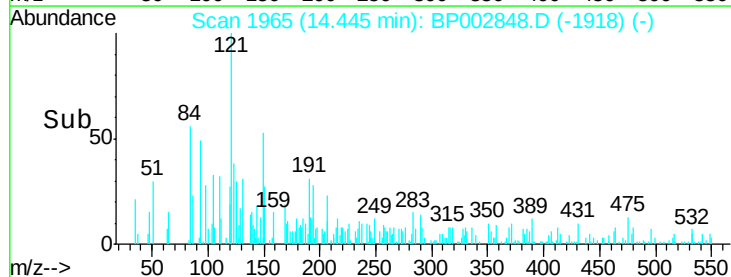
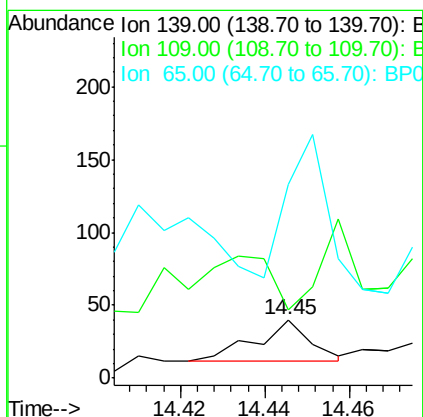
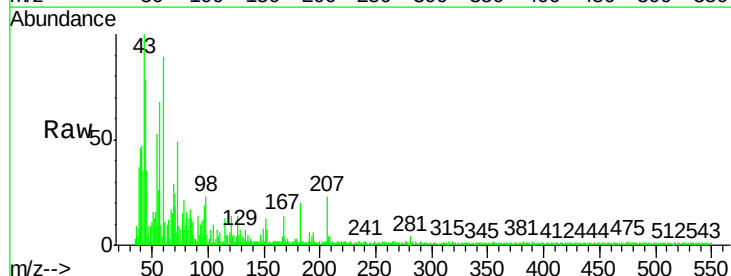
Instrument :
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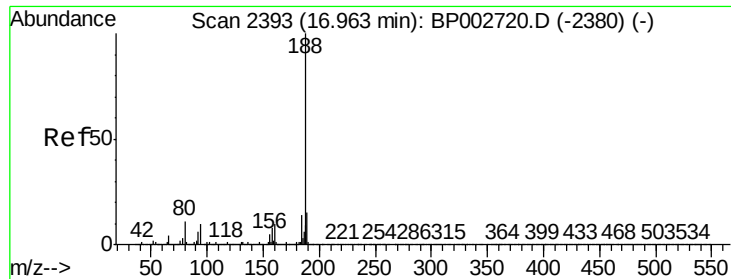
Tot Ion:184 Resp: 11
Ion Ratio Lower Upper
184 100
63 328.1 51.6 77.4#
154 206.3 45.0 67.6#



#56
4-Nitrophenol
Concen: 4.989 ng
RT: 14.45 min Scan# 1965
Delta R.T. -0.02 min
Lab File: BP002848.D
Acq: 23 Jul 2020 19:36

Tgt Ion:139 Resp: 25
Ion Ratio Lower Upper
139 100
109 117.5 48.1 88.1#
65 332.5 77.9 117.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2392

Delta R.T. -0.01 min

Lab File: BP002848.D

Acq: 23 Jul 2020 19:36

Instrument :

BNA_P

ClientSampleId :

VNJ-225-GRID-B5

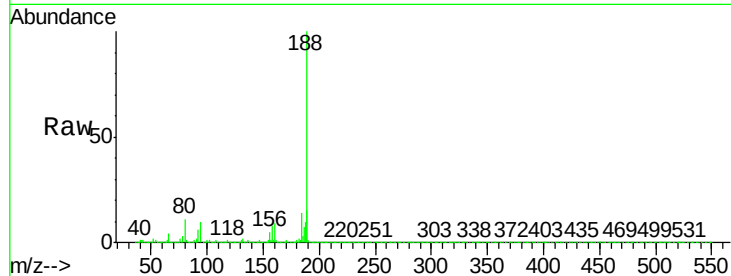
Tot Ion:188 Resp: 227285

Ion Ratio Lower Upper

188 100

94 9.9 8.1 12.1

80 11.5 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

16.96

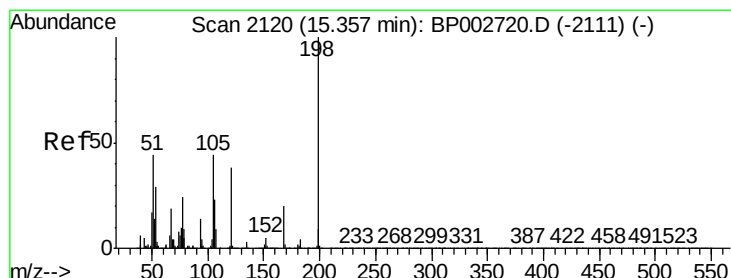
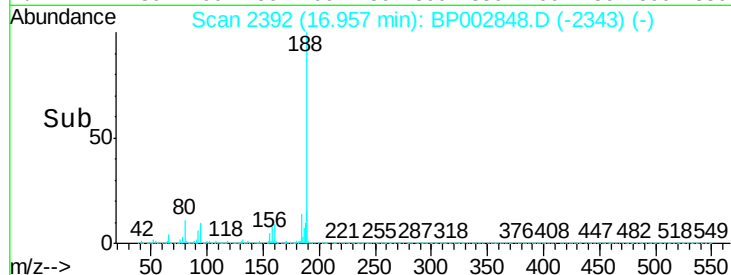
150000

100000

50000

0

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 5.289 ng

RT: 15.34 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BP002848.D

Acq: 23 Jul 2020 19:36

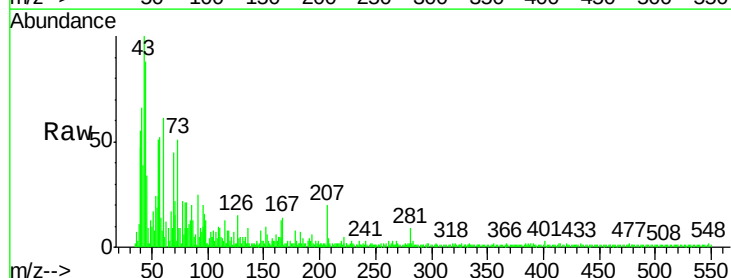
Tgt Ion:198 Resp: 34

Ion Ratio Lower Upper

198 100

51 629.2 27.1 67.1#

105 300.0 24.9 64.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

250

200

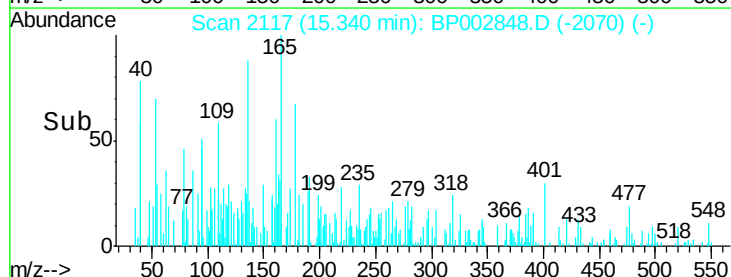
150

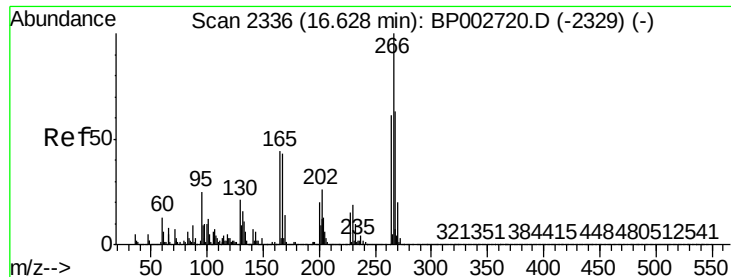
100

50

0

Time-->





#70

Pentachlorophenol

Concen: 7.450 ng

RT: 16.58 min Scan# 2328

Delta R.T. -0.05 min

Lab File: BP002848.D

Acq: 23 Jul 2020 19:36

Instrument :

BNA_P

ClientSampleId :

VNJ-225-GRID-B5

Tot Ion:266 Resp: 12

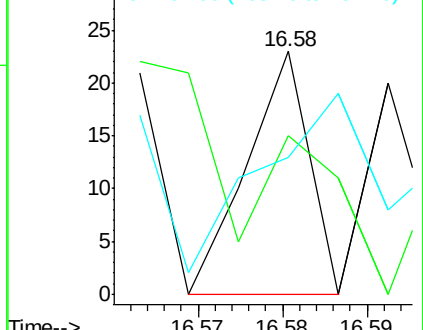
Ion	Ratio	Lower	Upper
266	100		
268	65.2	50.6	75.8
264	56.5	48.6	72.8

Abundance

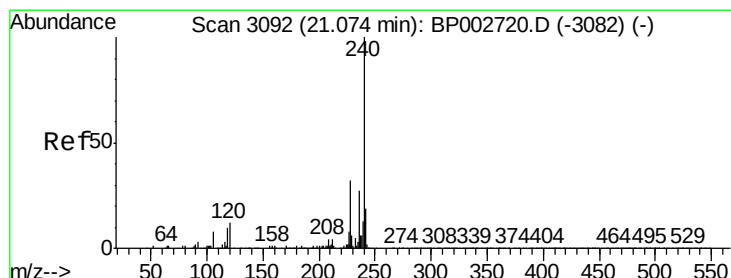
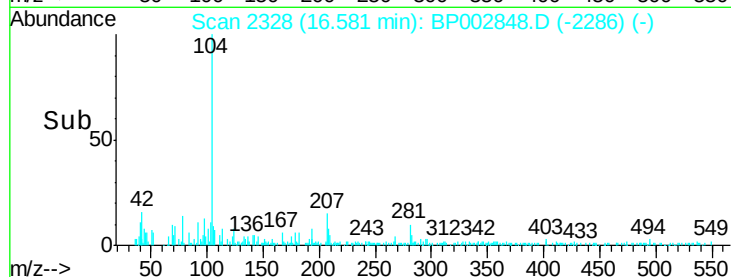
Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BP002848.D

Acq: 23 Jul 2020 19:36

Tgt Ion:240 Resp: 373282

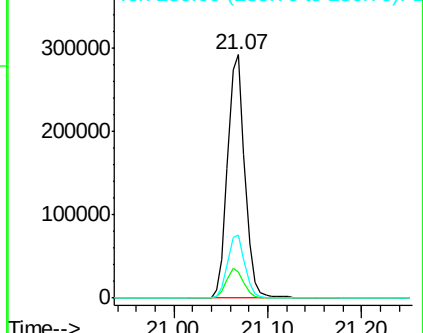
Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.4	14.2
236	26.0	21.3	31.9

Abundance

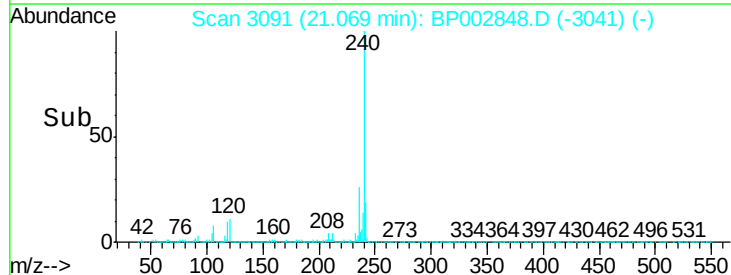
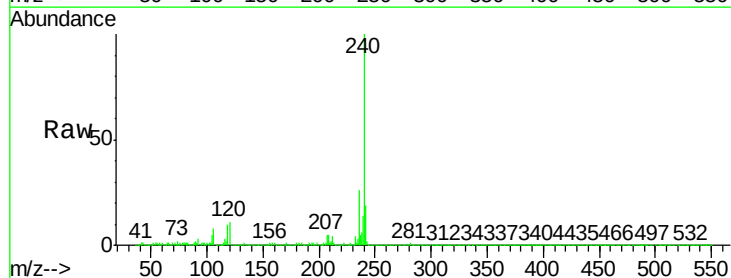
Ion 240.00 (239.70 to 240.70): E

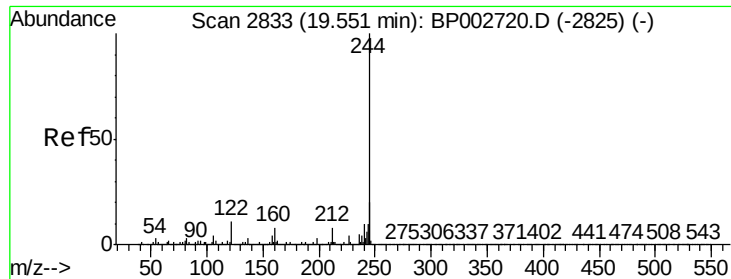
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

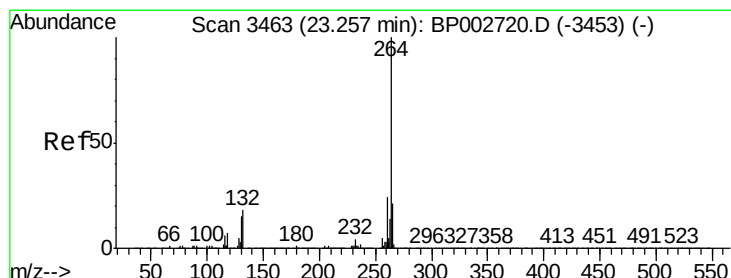
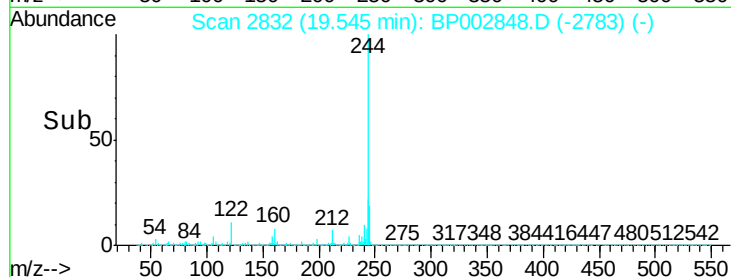
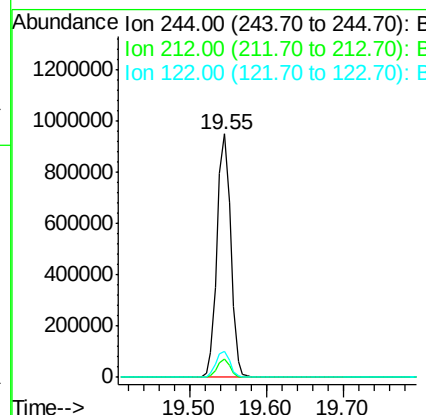
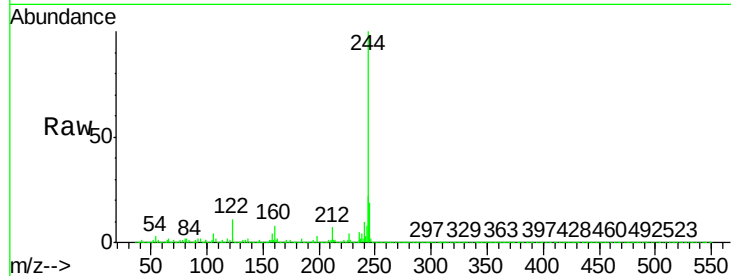




#79
 Terphenyl-d14
 Concen: 70.876 ng
 RT: 19.55 min Scan# 2832
 Delta R.T. -0.01 min
 Lab File: BP002848.D
 Acq: 23 Jul 2020 19:36

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-225-GRID-B5

Tot Ion:244 Resp: 1153943
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.6 8.9 13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.25 min Scan# 3462
 Delta R.T. -0.01 min
 Lab File: BP002848.D
 Acq: 23 Jul 2020 19:36

Tgt Ion:264 Resp: 490422
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.3 28.9
 265 20.4 16.8 25.2

