

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 02:29:35 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

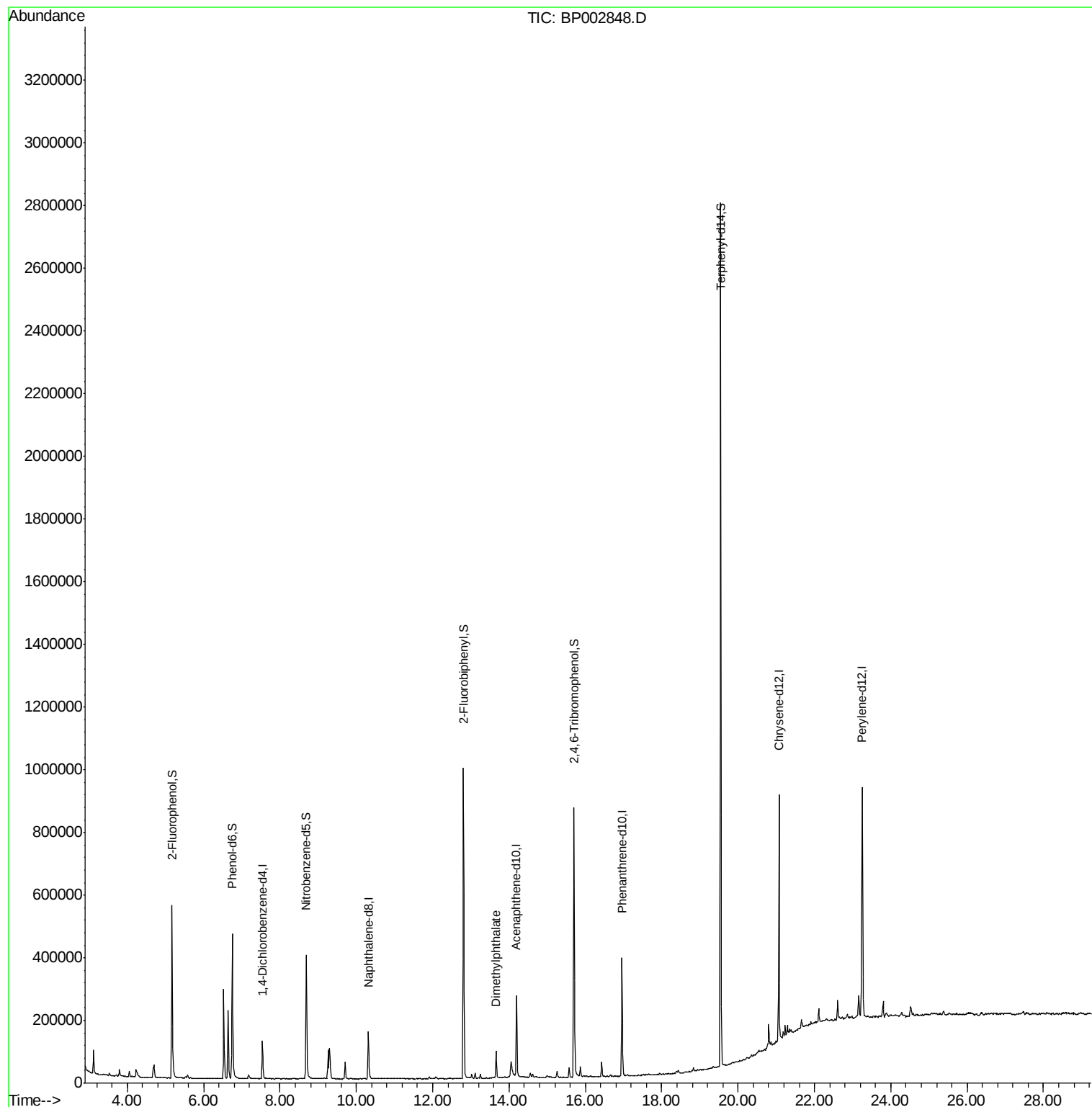
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	33750	20.00	ng	-0.01
21) Naphthalene-d8	10.32	136	137155	20.00	ng	-0.01
39) Acenaphthene-d10	14.19	164	91031	20.00	ng	-0.02
64) Phenanthrene-d10	16.96	188	227285	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	373282	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						
50) Dimethylphthalate	13.66	163	62350	8.981	ng	Qvalue 98

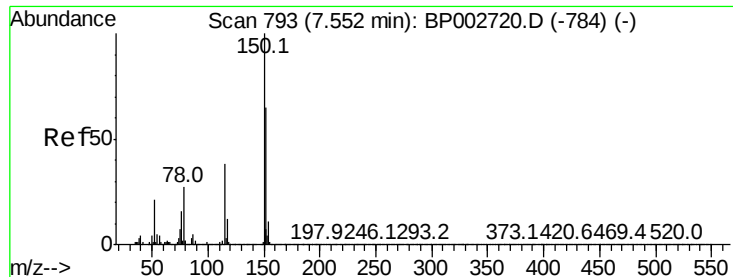
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

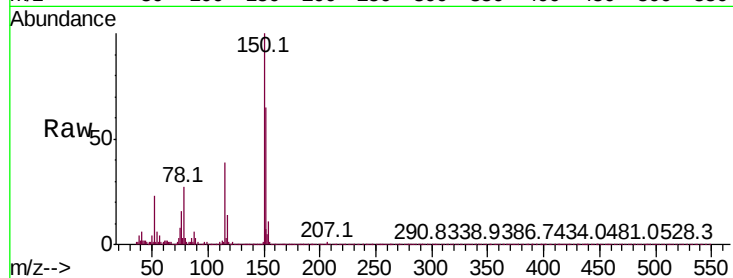
Tot Ion:152 Resp: 33750

Ion Ratio Lower Upper

152 100

150 153.1 123.7 185.5

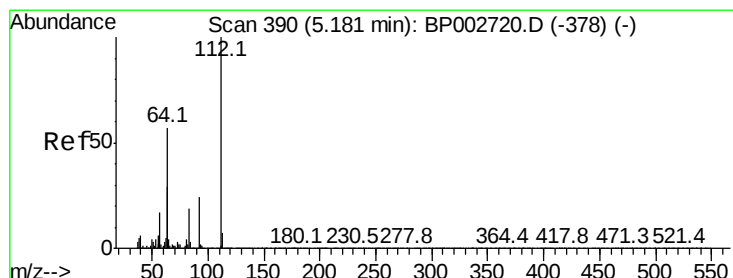
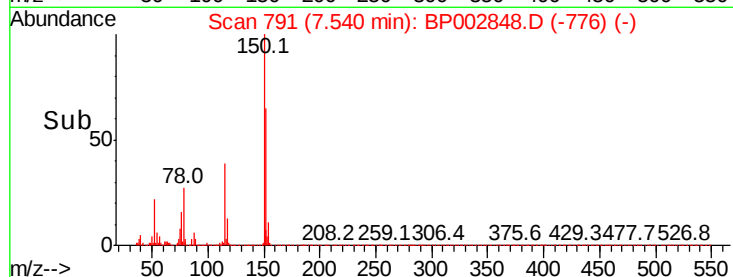
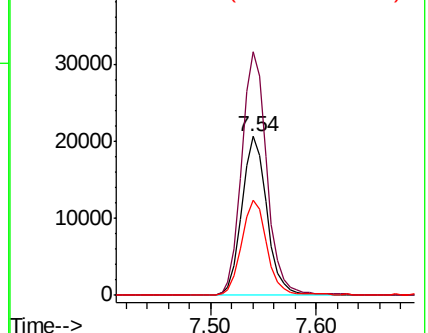
115 59.7 47.2 70.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#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

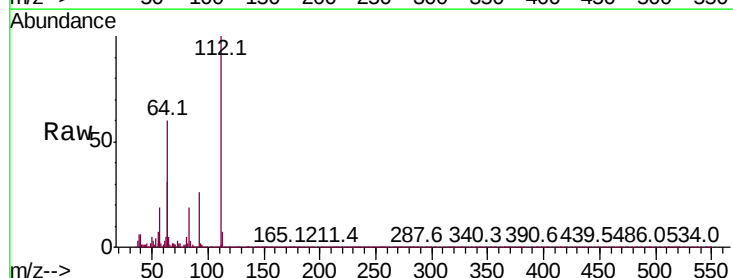
Tgt Ion:112 Resp: 271815

Ion Ratio Lower Upper

112 100

64 59.8 45.6 68.4

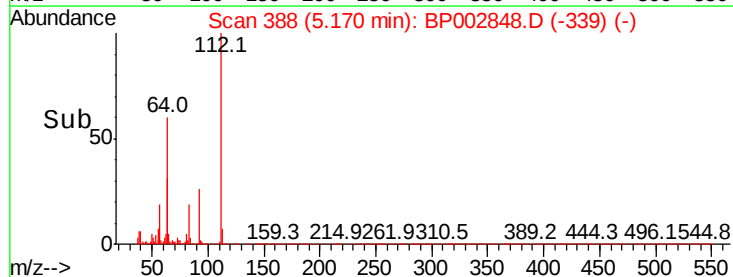
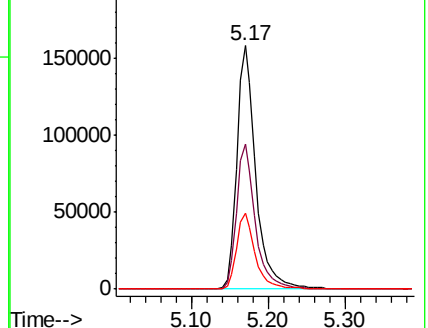
63 31.2 23.5 35.3

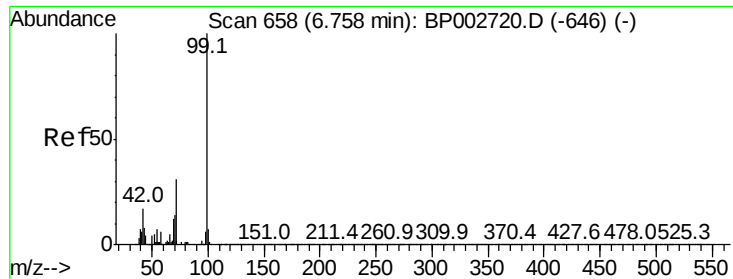


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#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

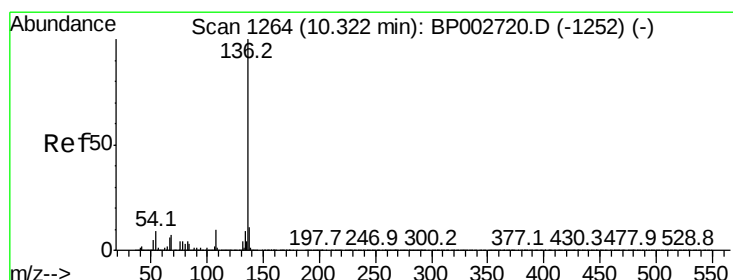
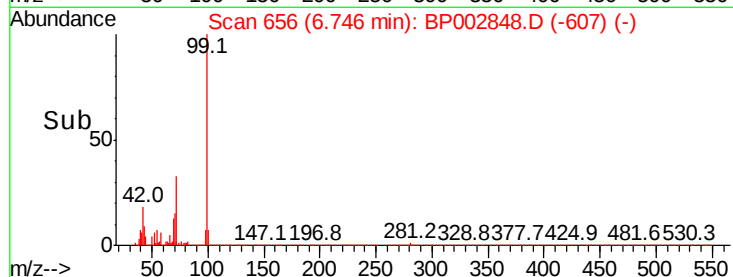
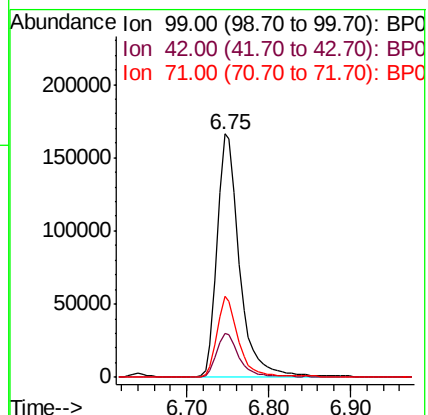
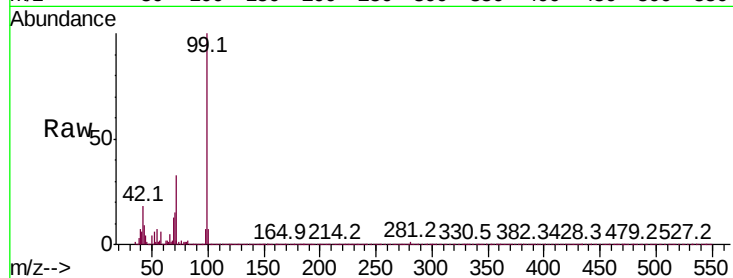
Tot Ion: 99 Resp: 318729

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

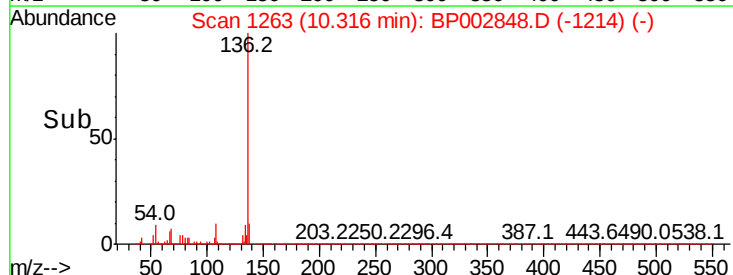
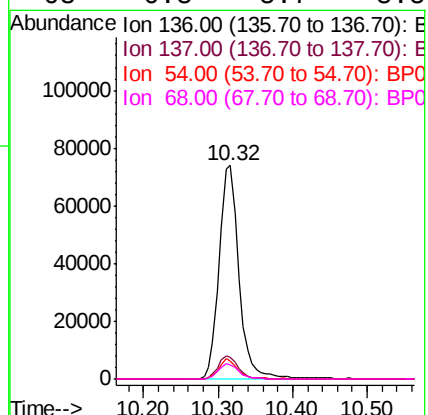
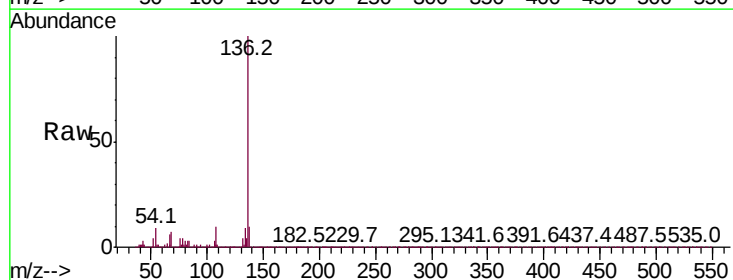
Ion Ratio Lower Upper

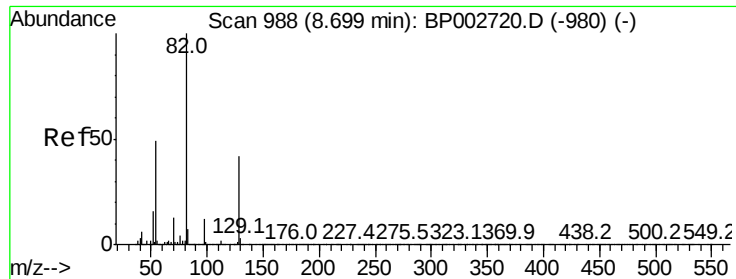
136 100

137 10.3 8.6 13.0

54 8.7 6.9 10.3

68 6.8 5.7 8.5

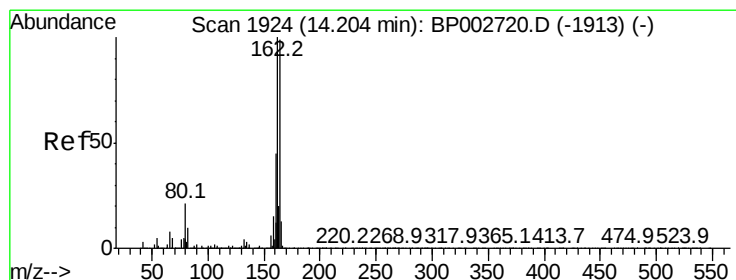
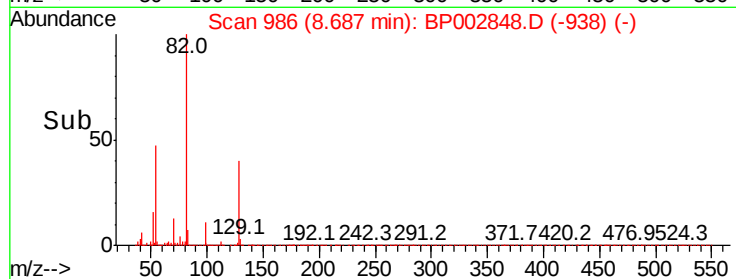
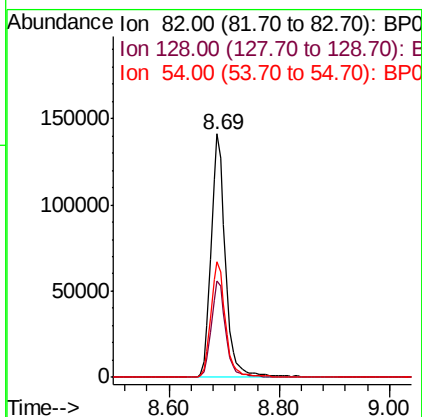
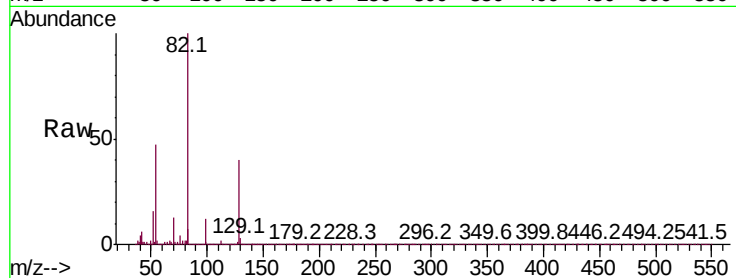




#23
Nitrobenzene-d5
Concen: 98.741 ng
RT: 8.69 min Scan# 986
Delta R.T. -0.02 min
Lab File: BP002848.D
Acq: 23 Jul 2020 19:36

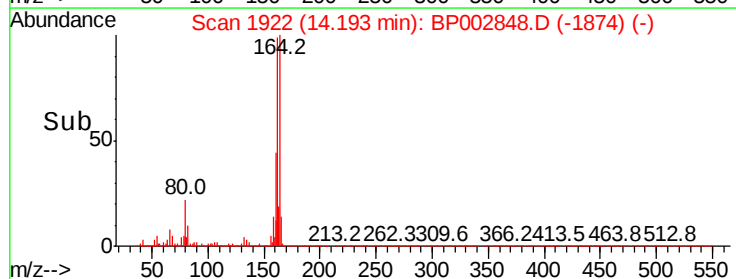
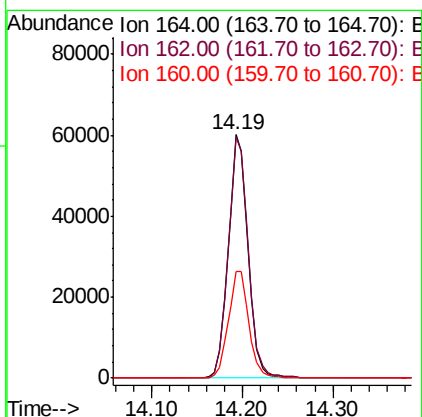
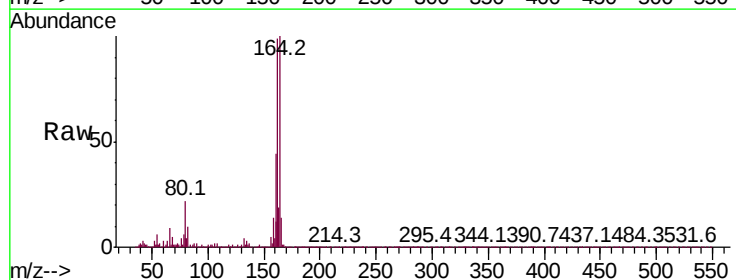
Instrument :
BNA_P
ClientSampleId :
VNJ-225-GRID-B5

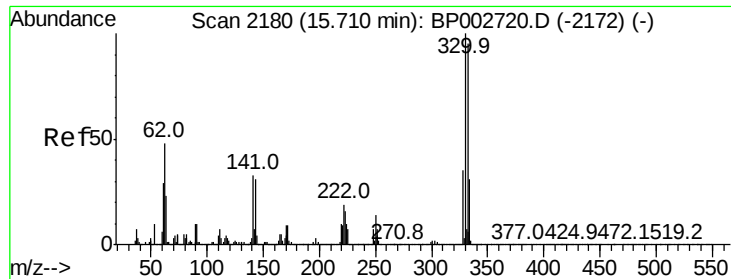
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.8	33.8	50.8
54	47.3	38.8	58.2



#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

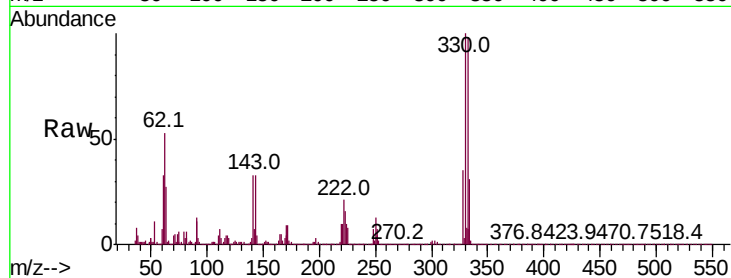




#42
 2,4,6-Tribromophenol
 Concen: 173.002 ng
 RT: 15.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BP002848.D
 Acq: 23 Jul 2020 19:36

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.5	114.7
141	36.4	28.8	43.2

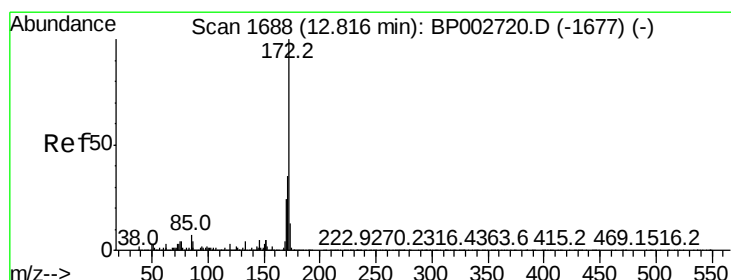
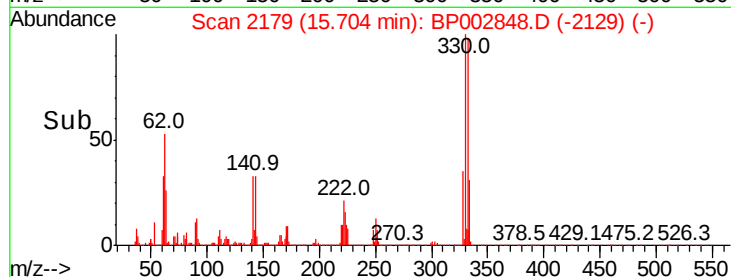
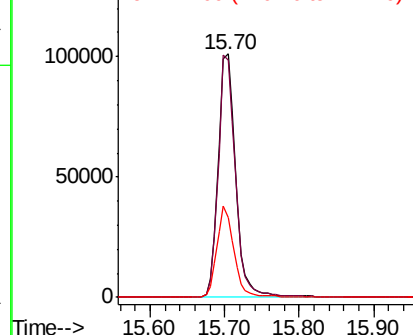


Abundance

Ion 329.80 (329.50 to 330.50): E

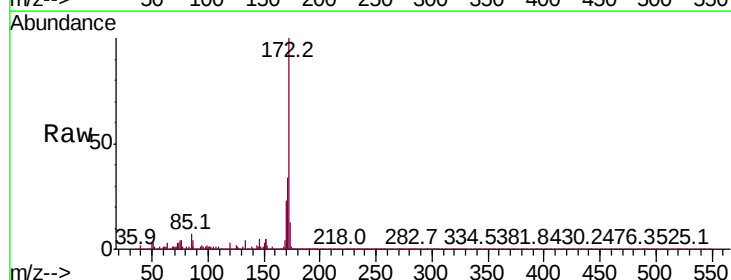
Ion 331.80 (331.50 to 332.50): E

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

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

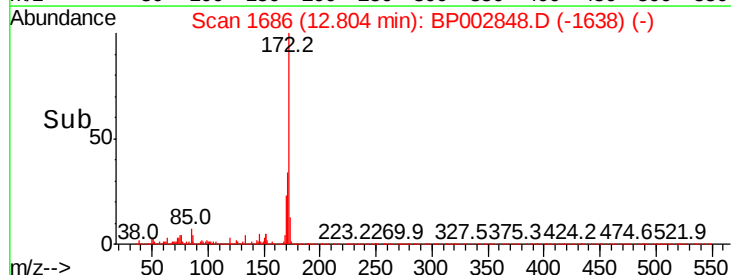
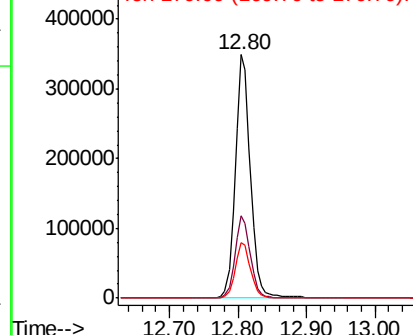


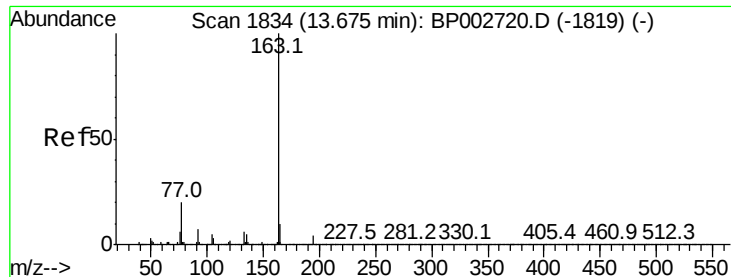
Abundance

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

Instrument :

BNA_P

ClientSampleId :

VNJ-225-GRID-B5

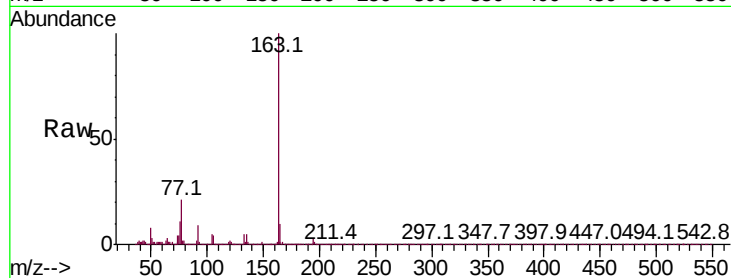
Tot Ion:163 Resp: 62350

Ion Ratio Lower Upper

163 100

194 3.4 3.4 5.2

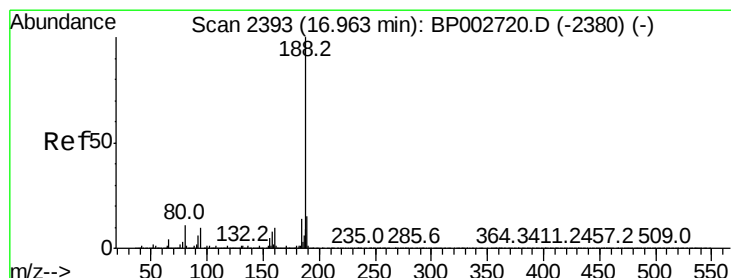
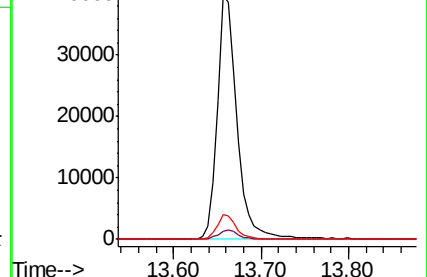
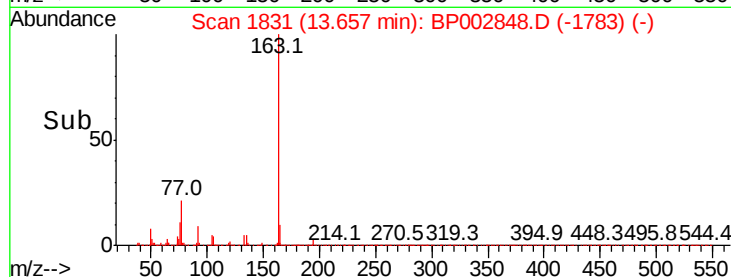
164 10.3 7.8 11.8



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



#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

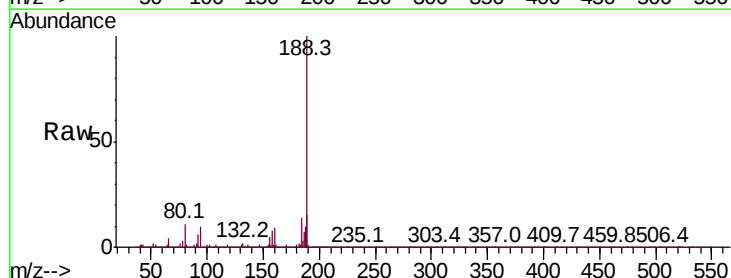
Tgt Ion:188 Resp: 227285

Ion Ratio Lower Upper

188 100

94 9.9 8.1 12.1

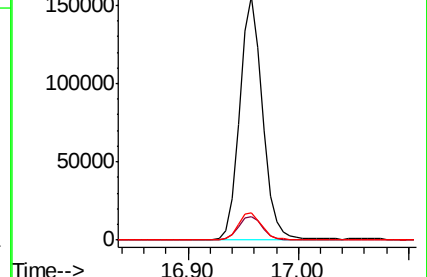
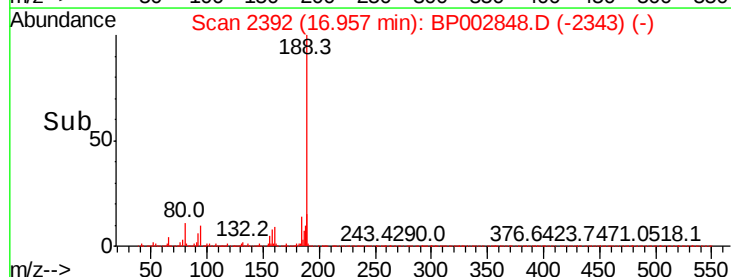
80 11.5 8.9 13.3

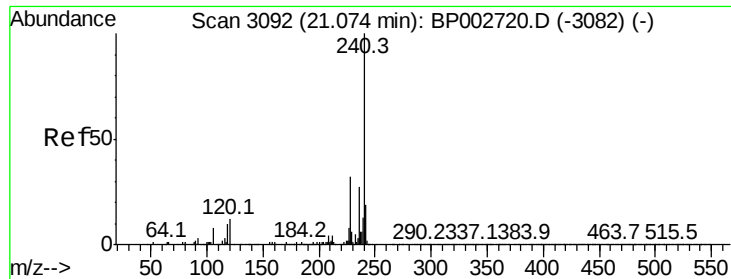


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

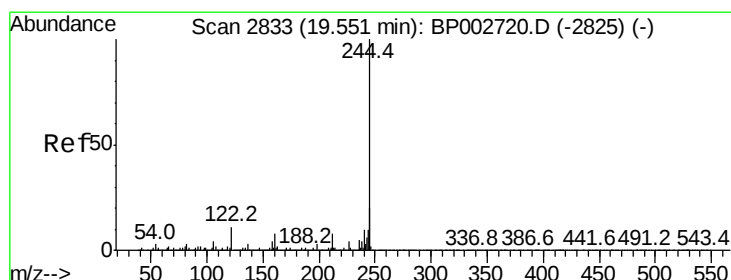
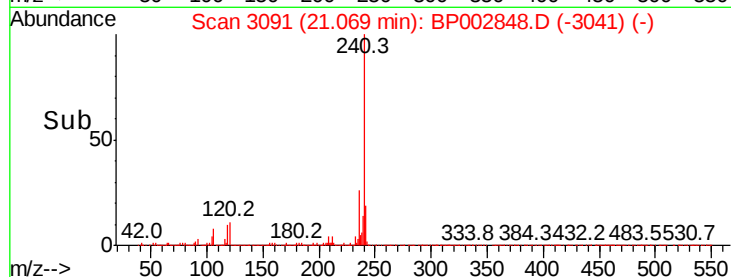
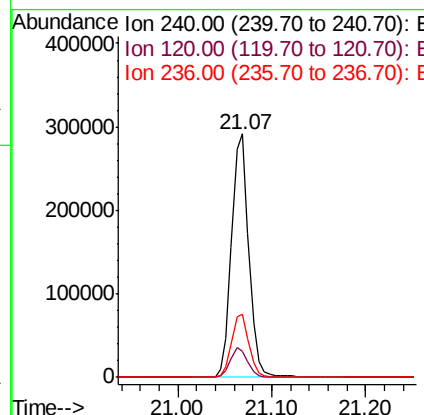
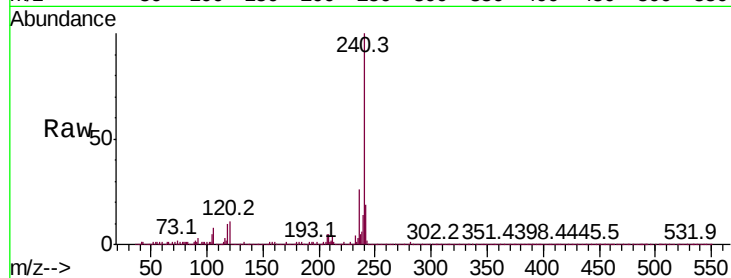




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BP002848.D
 Acq: 23 Jul 2020 19:36

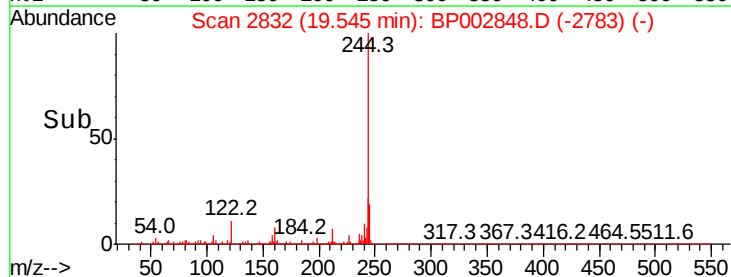
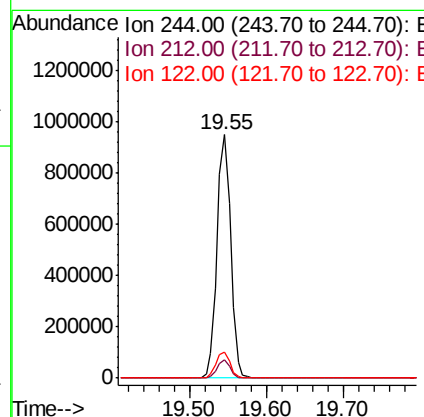
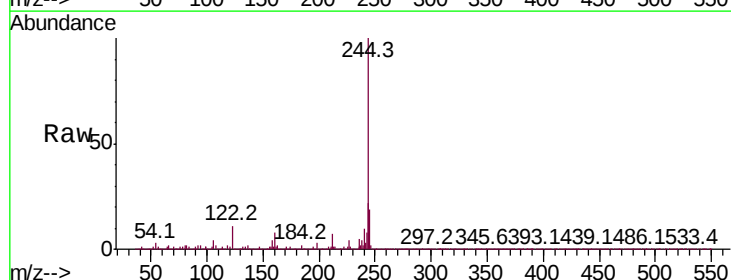
Instrument :
 BNA_P
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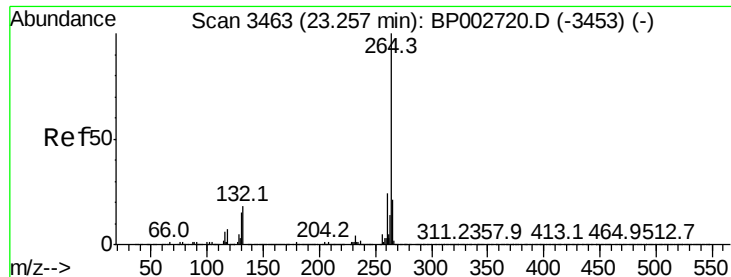
Tot Ion:240 Resp: 373282
 Ion Ratio Lower Upper
 240 100
 120 10.7 9.4 14.2
 236 26.0 21.3 31.9



#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

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

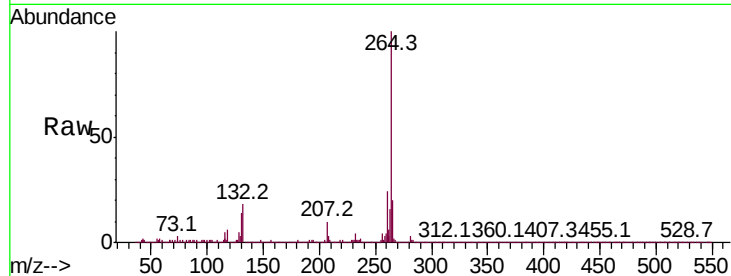




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.25 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BP002848.D
Acq: 23 Jul 2020 19:36

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.3	28.9
265	20.4	16.8	25.2



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

