

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061920\
 Data File : BP002472.D
 Acq On : 19 Jun 2020 22:50
 Operator : CG/JU
 Sample : L3053-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-228

Quant Time: Jun 20 04:27:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	219218	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	781966	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	386833	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	760590	20.00	ng	0.00
76) Chrysene-d12	21.10	240	750242	20.00	ng	-0.01
86) Perylene-d12	23.30	264	762456	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	171608	14.49	ng	0.00
7) Phenol-d6	6.78	99	212458	13.47	ng	0.00
23) Nitrobenzene-d5	8.73	82	132737	10.14	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	51544	13.92	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	262349	11.40	ng	0.00
79) Terphenyl-d14	19.58	244	343414	-23.75	ng	0.00

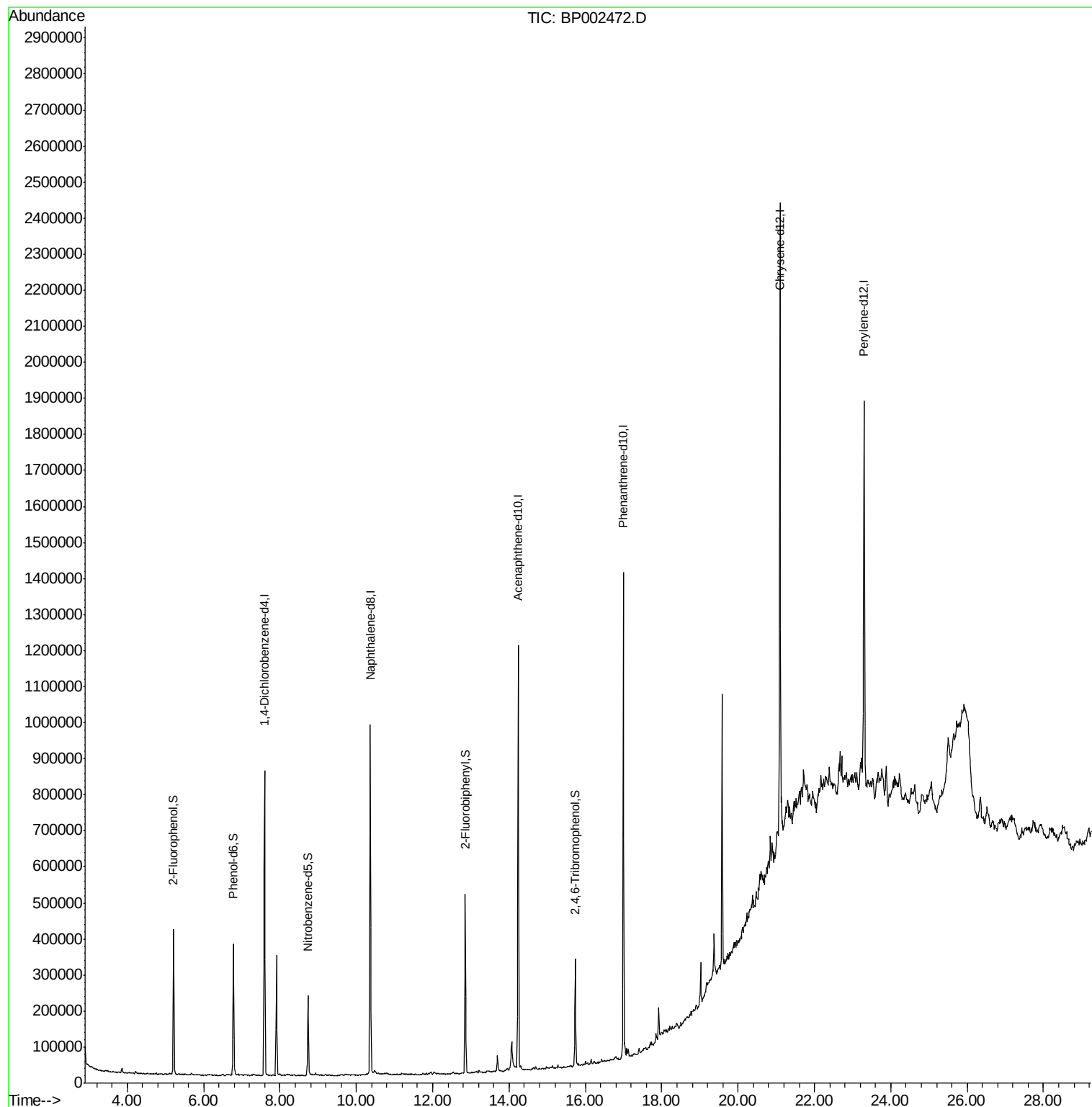
Target Compounds Qvalue

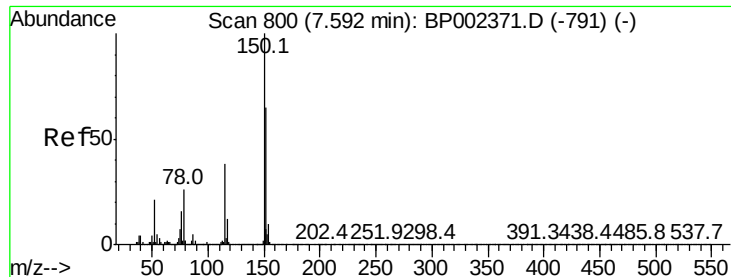
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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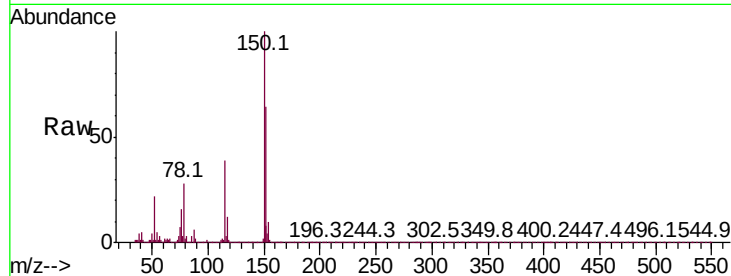


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 800
Delta R.T. 0.00 min
Lab File: BP002472.D
Acq: 19 Jun 2020 22:50

Instrument :
BNA_P
ClientSampleId :
VNJ-228

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.0	186.0
115	60.5	47.4	71.0

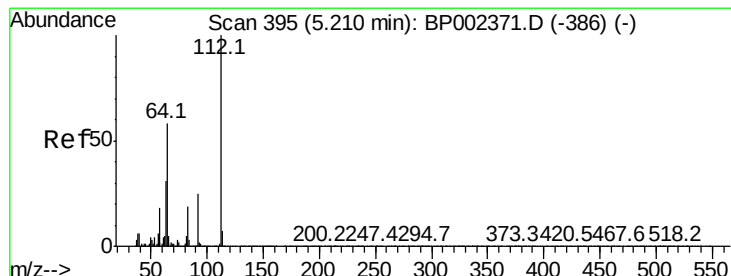
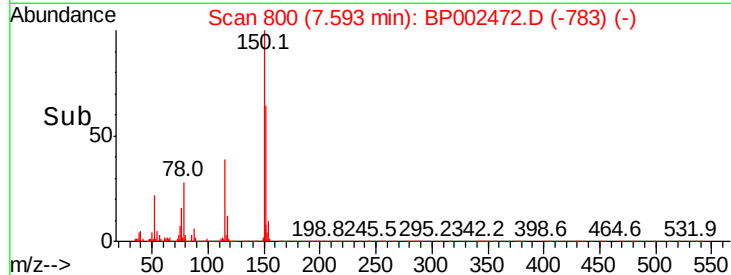
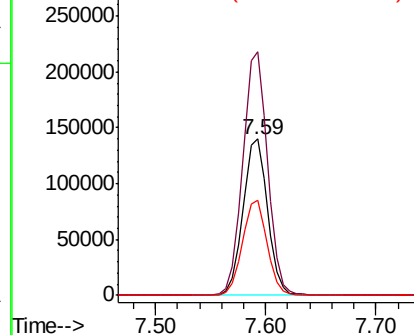


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

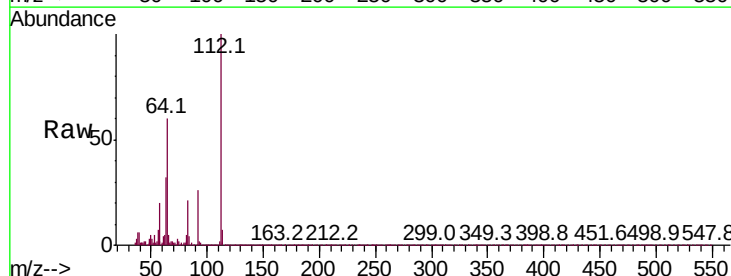
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 14.485 ng
RT: 5.21 min Scan# 395
Delta R.T. 0.00 min
Lab File: BP002472.D
Acq: 19 Jun 2020 22:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.8	46.2	69.2
63	31.8	24.5	36.7

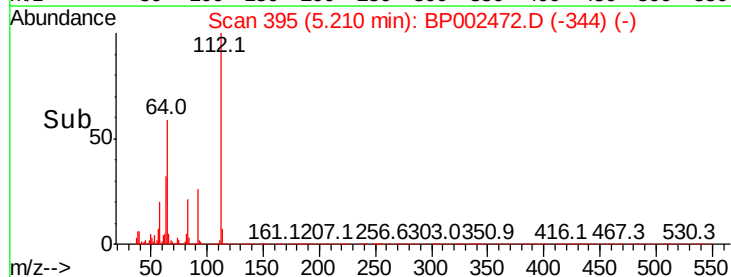
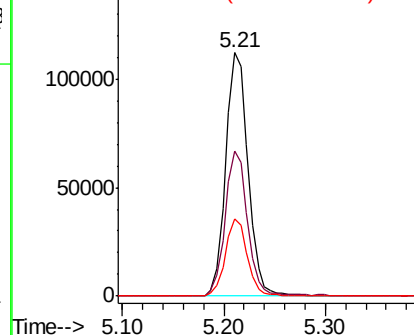


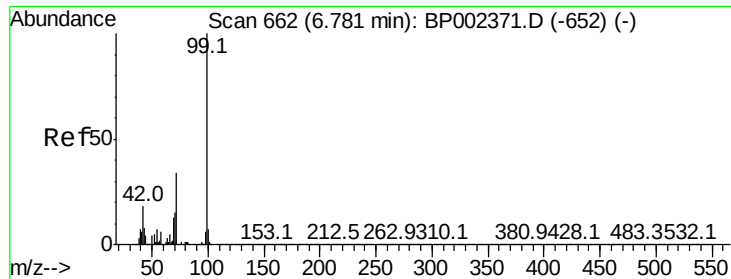
Abundance

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: 13.470 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002472.D

Acq: 19 Jun 2020 22:50

Instrument :

BNA_P

ClientSampleId :

VNJ-228

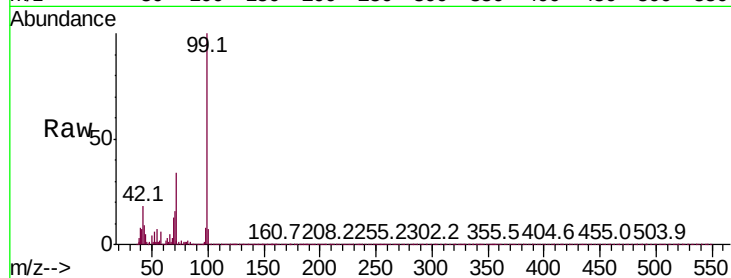
Tot Ion: 99 Resp: 212458

Ion Ratio Lower Upper

99 100

42 18.2 14.6 22.0

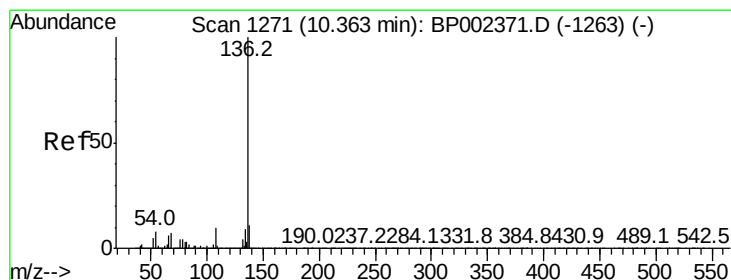
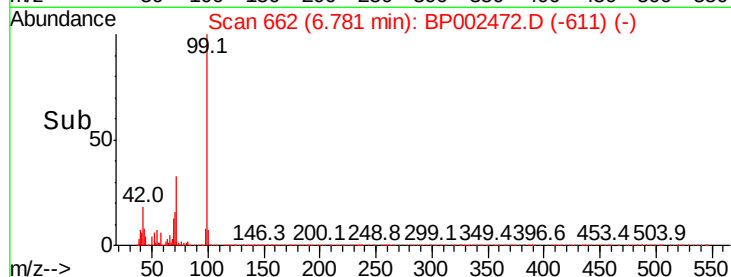
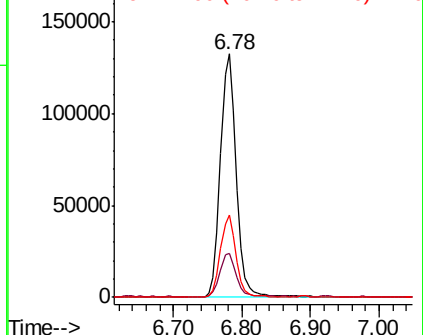
71 33.6 27.2 40.8



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BP002472.D

Acq: 19 Jun 2020 22:50

Tgt Ion: 136 Resp: 781966

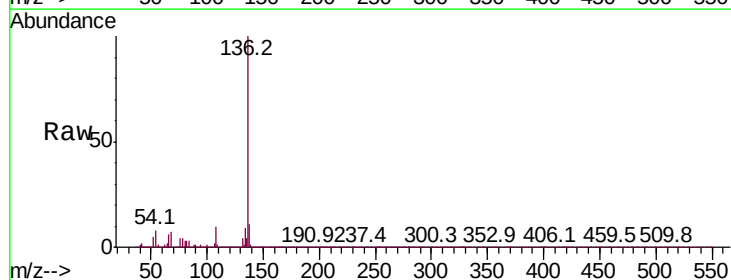
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.1 6.4 9.6

68 6.8 5.6 8.4

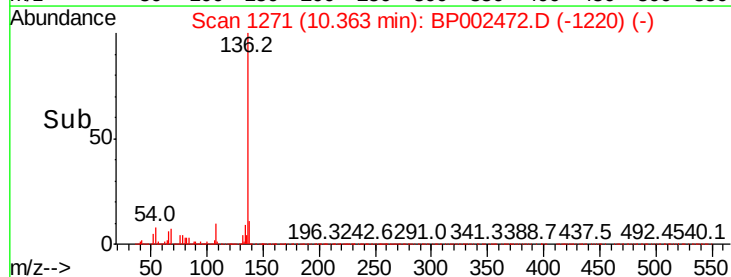
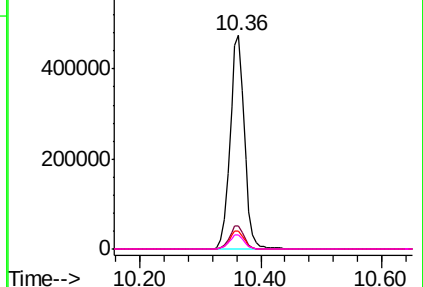


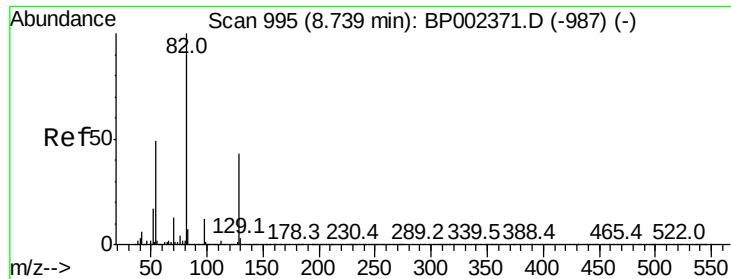
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

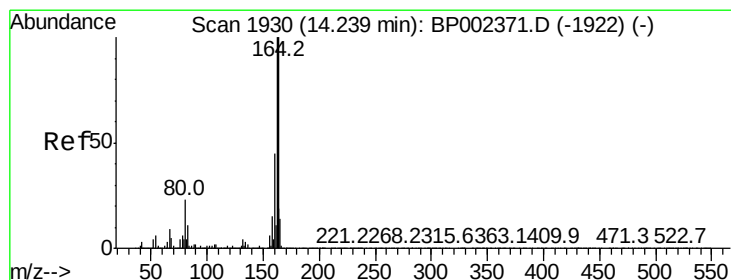
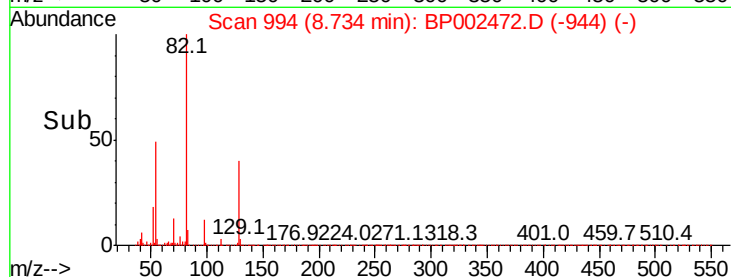
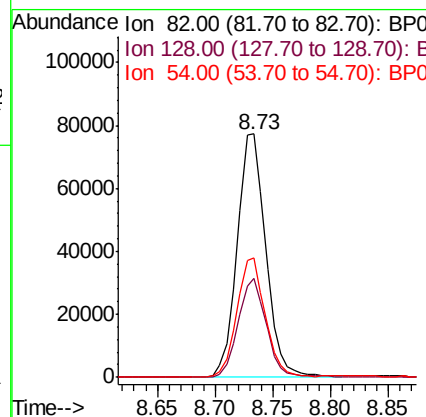
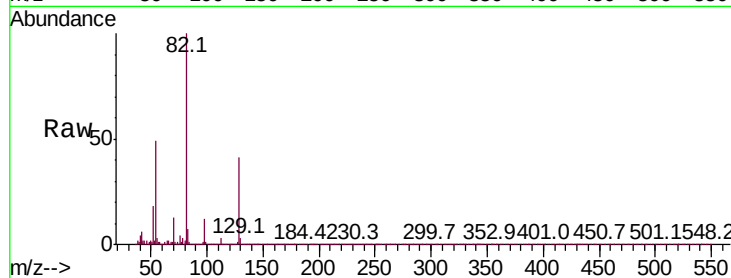




#23
 Nitrobenzene-d5
 Concen: 10.137 ng
 RT: 8.73 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BP002472.D
 Acq: 19 Jun 2020 22:50

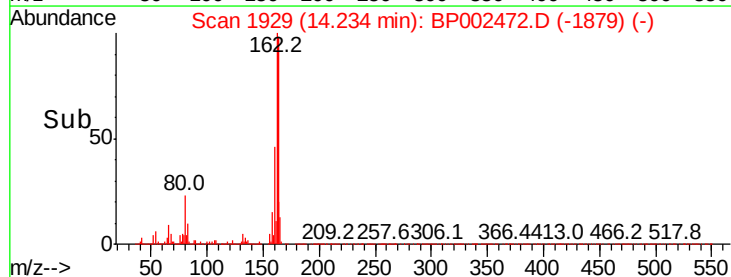
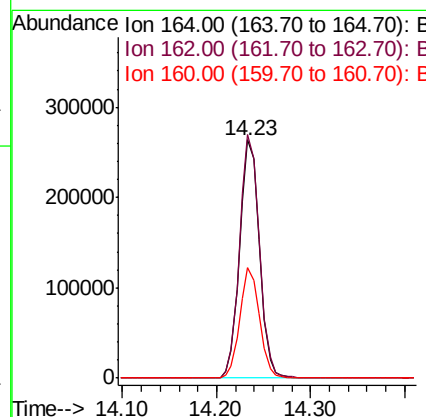
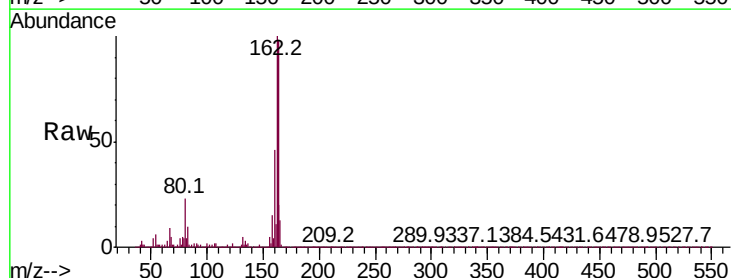
Instrument :
 BNA_P
 ClientSampleID :
 VNJ-228

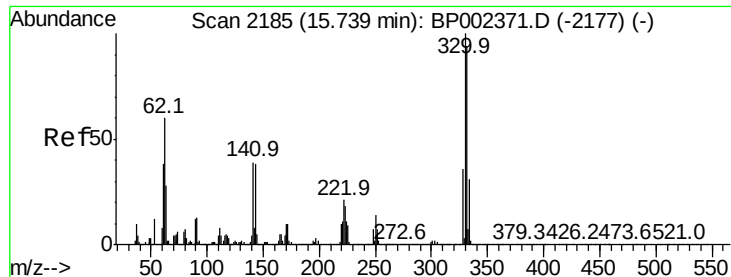
Tot Ion	82	Resp	132737
Ion	Ratio	Lower	Upper
82	100		
128	40.5	34.5	51.7
54	48.9	39.4	59.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.23 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BP002472.D
 Acq: 19 Jun 2020 22:50

Tgt Ion	164	Resp	386833
Ion	Ratio	Lower	Upper
164	100		
162	102.2	79.8	119.8
160	46.6	36.2	54.2

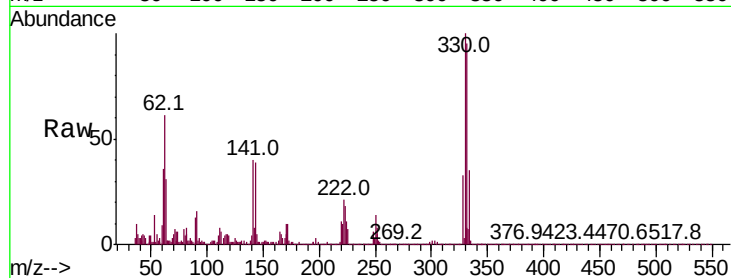




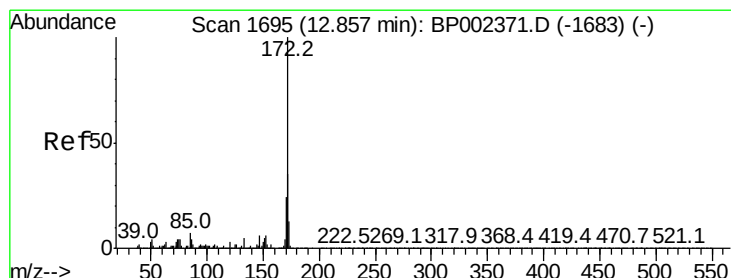
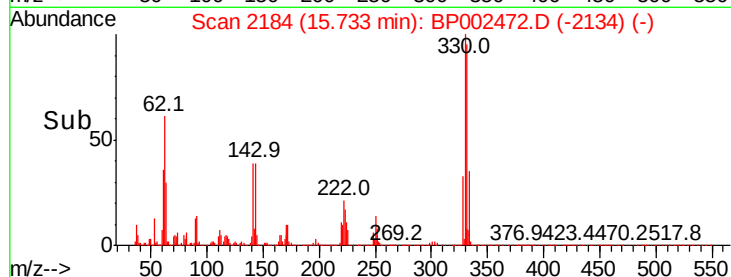
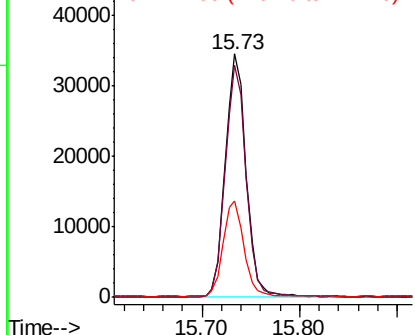
#42
 2,4,6-Tribromophenol
 Concen: 13.917 ng
 RT: 15.73 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BP002472.D
 Acq: 19 Jun 2020 22:50

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-228

Tot Ion:330 Resp: 51544
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 38.5 30.3 45.5

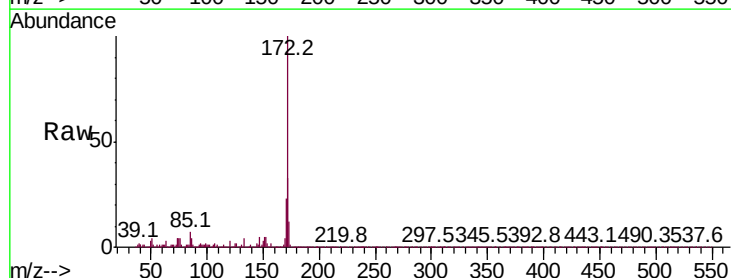


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

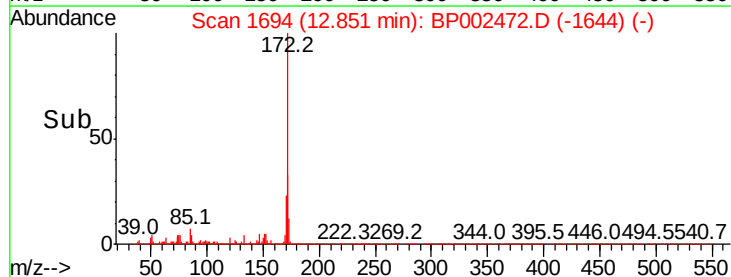
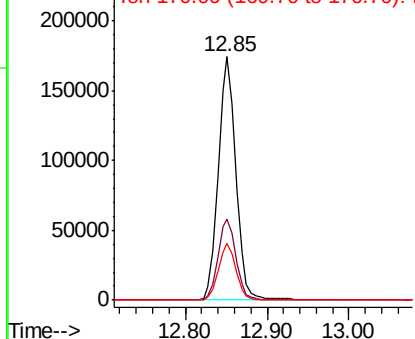


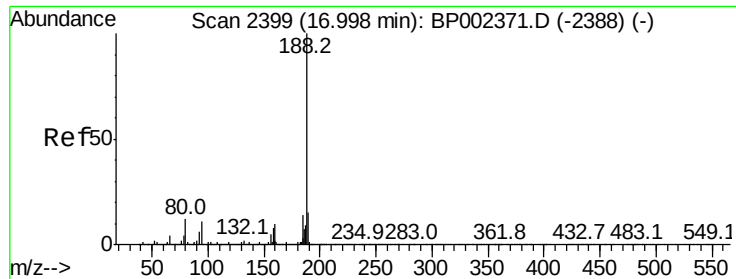
#45
 2-Fluorobiphenyl
 Concen: 11.403 ng
 RT: 12.85 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BP002472.D
 Acq: 19 Jun 2020 22:50

Tgt Ion:172 Resp: 262349
 Ion Ratio Lower Upper
 172 100
 171 33.4 27.8 41.8
 170 23.3 19.0 28.6



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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP002472.D

Acq: 19 Jun 2020 22:50

Instrument :

BNA_P

ClientSampleId :

VNJ-228

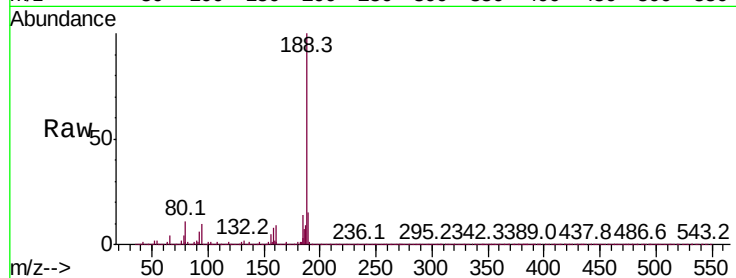
Tot Ion:188 Resp: 760590

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

80 11.2 9.4 14.0



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

600000

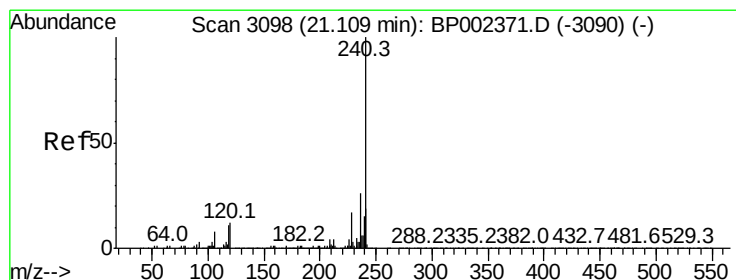
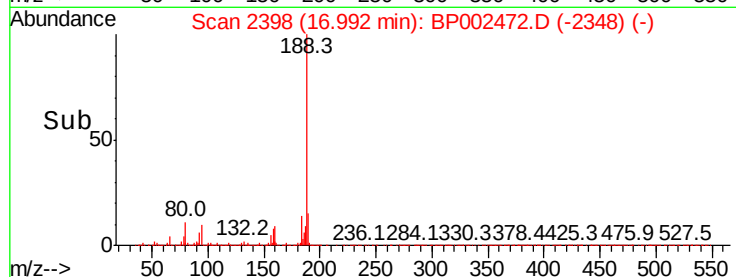
16.99

400000

200000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BP002472.D

Acq: 19 Jun 2020 22:50

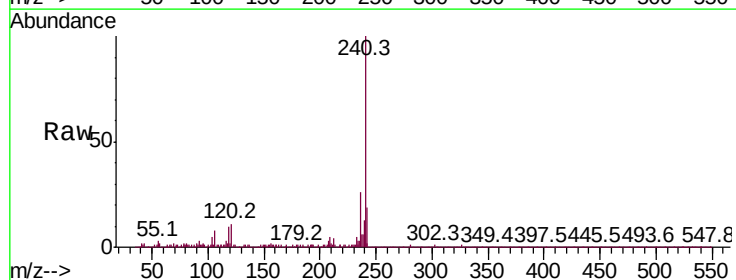
Tgt Ion:240 Resp: 750242

Ion Ratio Lower Upper

240 100

120 11.3 9.3 13.9

236 25.7 21.0 31.6



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

800000

21.10

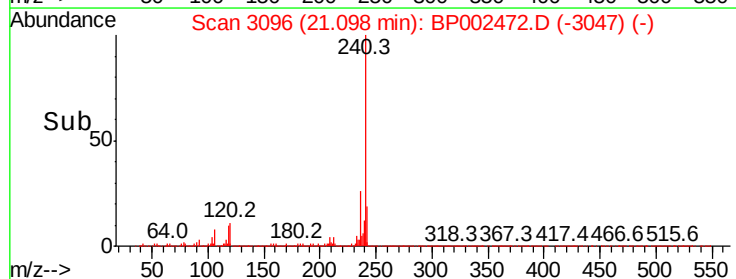
600000

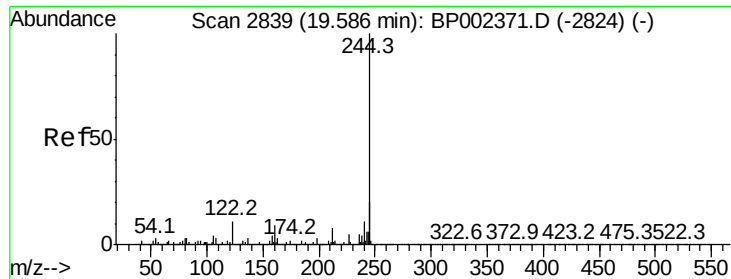
400000

200000

0

Time-->





#79

Terphenyl-d14

Concen: -23.752 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002472.D

Acq: 19 Jun 2020 22:50

Instrument :

BNA_P

ClientSampleId :

VNJ-228

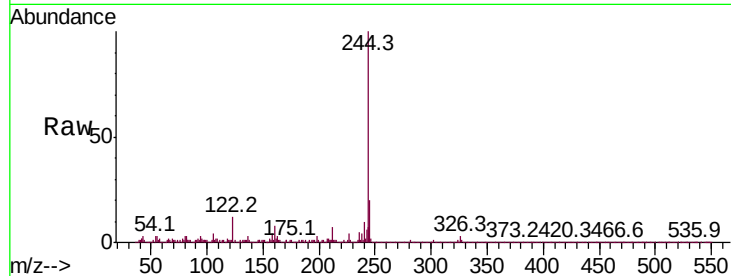
Tot Ion:244 Resp: 343414

Ion Ratio Lower Upper

244 100

212 7.5 6.6 10.0

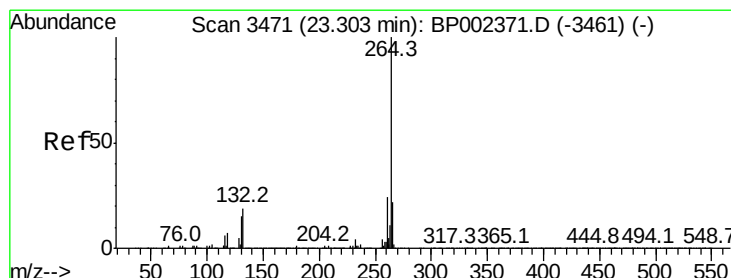
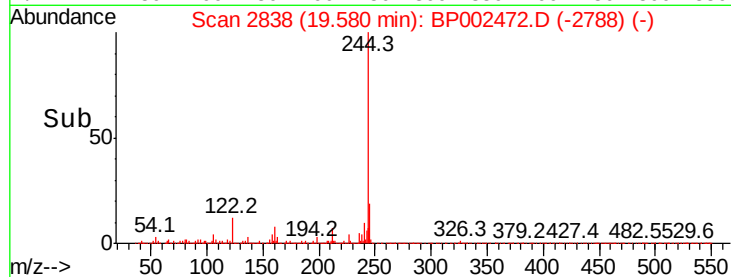
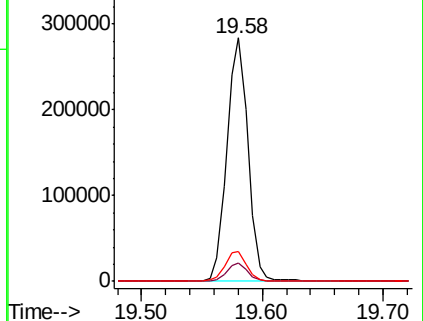
122 12.1 8.8 13.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.30 min Scan# 3470

Delta R.T. -0.01 min

Lab File: BP002472.D

Acq: 19 Jun 2020 22:50

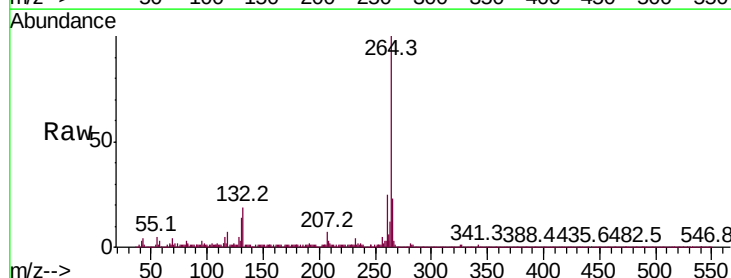
Tgt Ion:264 Resp: 762456

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

265 22.7 17.4 26.2



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

