

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
 Data File : BP002881.D
 Acq On : 30 Jul 2020 17:50
 Operator : CG/JU
 Sample : L3180-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HD-02-072920

Quant Time: Jul 31 01:08:19 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

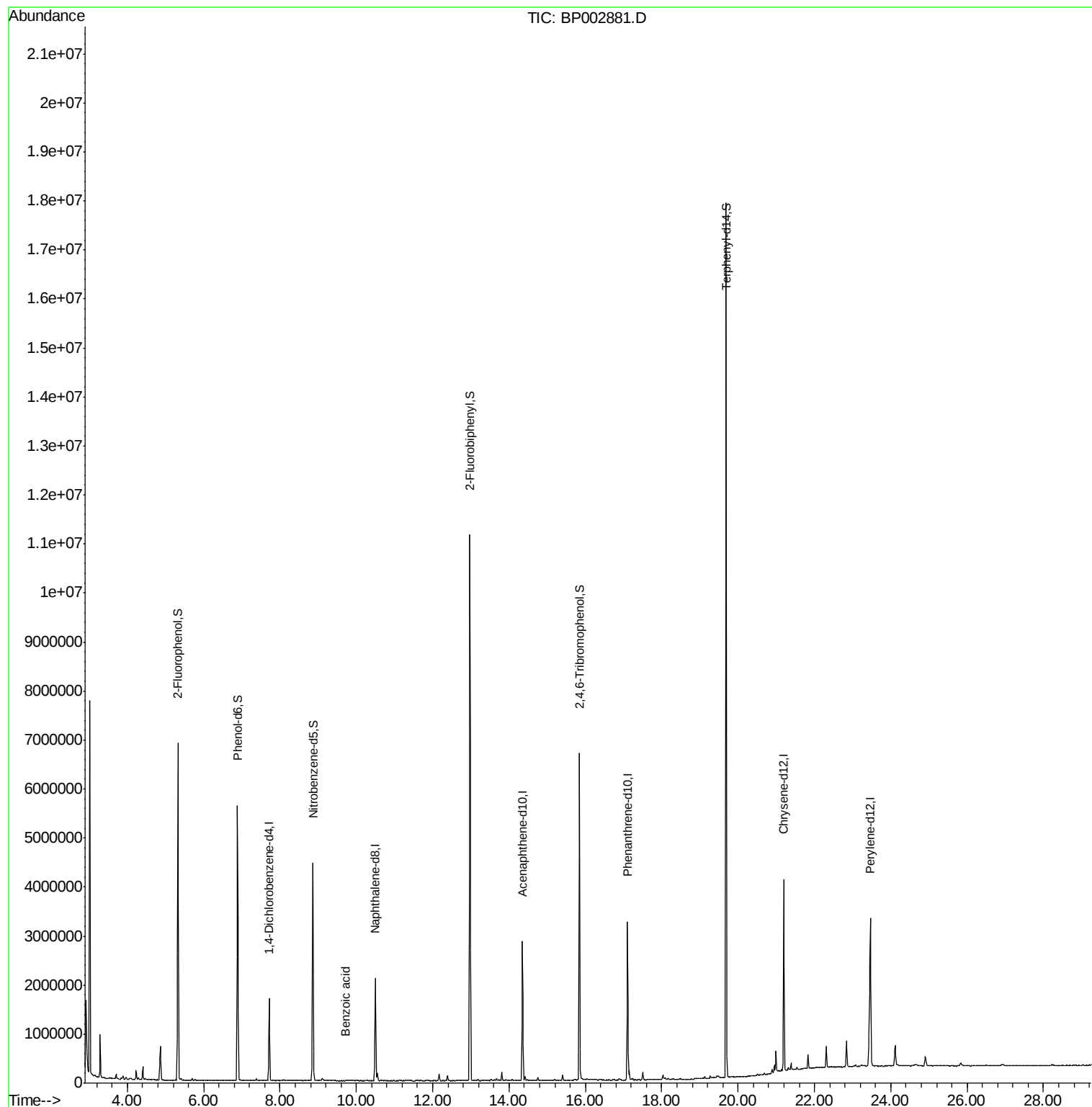
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	457639	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	1732899	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	963992	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1891593	20.00	ng	0.00
76) Chrysene-d12	21.20	240	1838278	20.00	ng	0.00
86) Perylene-d12	23.46	264	2046753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	3115083	104.18	ng	0.00
7) Phenol-d6	6.89	99	3505621	84.44	ng	0.00
23) Nitrobenzene-d5	8.86	82	2714365	84.84	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	1382209	115.36	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	5802636	82.24	ng	0.00
79) Terphenyl-d14	19.68	244	7441466	81.04	ng	0.00
Target Compounds						
32) Benzoic acid	9.72	122	4646	7.928	ng	Qvalue 95

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

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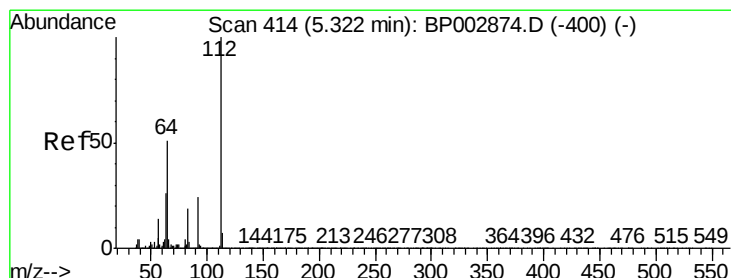
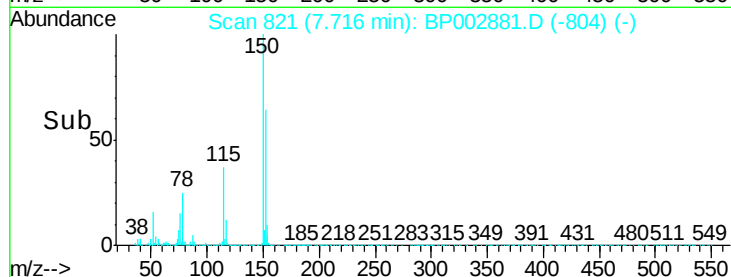
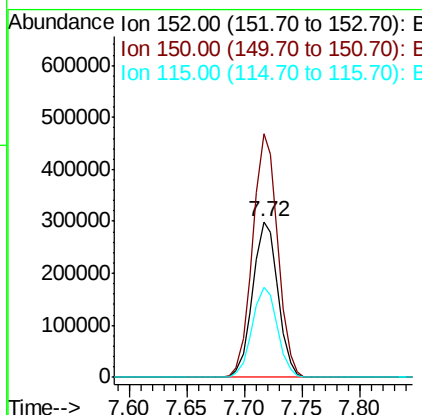
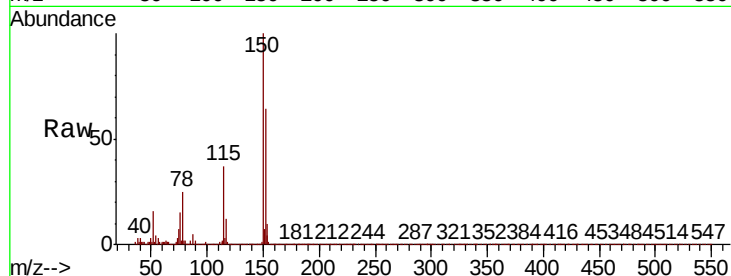


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. -0.00 min
Lab File: BP002881.D
Acq: 30 Jul 2020 17:50

Instrument :
BNA_P
ClientSampleId :
HD-02-072920

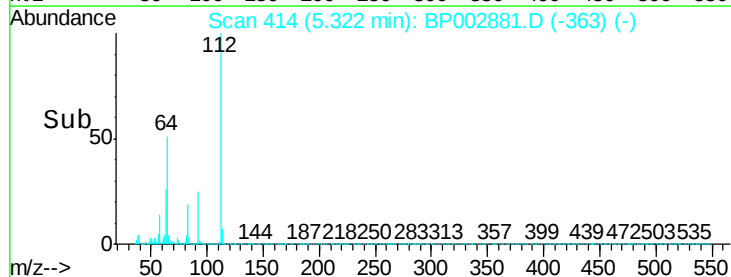
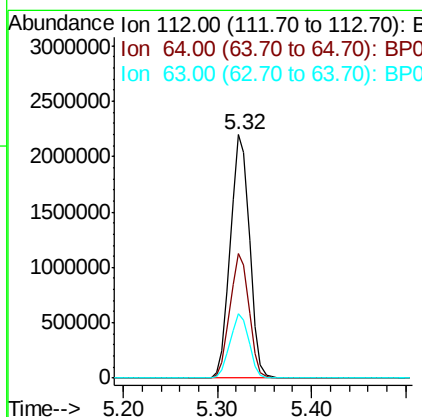
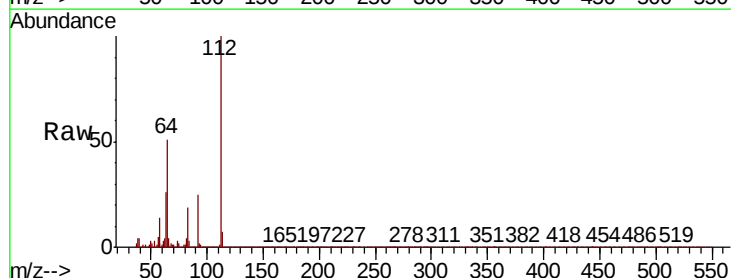
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.8	187.2
115	58.0	47.4	71.2



#5

2-Fluorophenol
Concen: 104.179 ng
RT: 5.32 min Scan# 414
Delta R.T. -0.00 min
Lab File: BP002881.D
Acq: 30 Jul 2020 17:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.0	41.0	61.6
63	26.3	20.7	31.1





#7

Phenol-d6

Concen: 84.444 ng

RT: 6.89 min Scan# 680

Delta R.T. -0.01 min

Lab File: BP002881.D

Acq: 30 Jul 2020 17:50

Instrument :

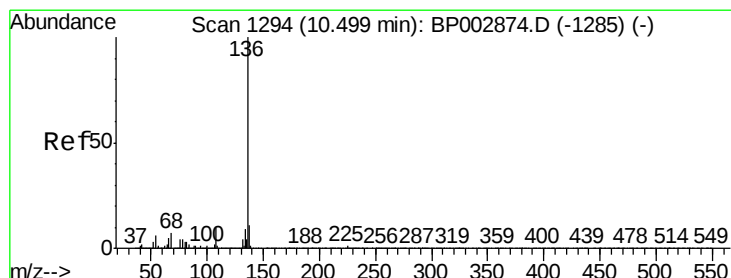
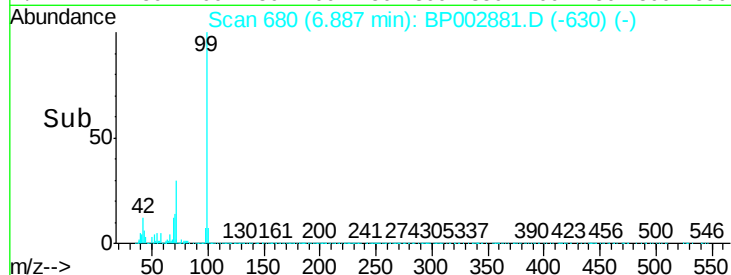
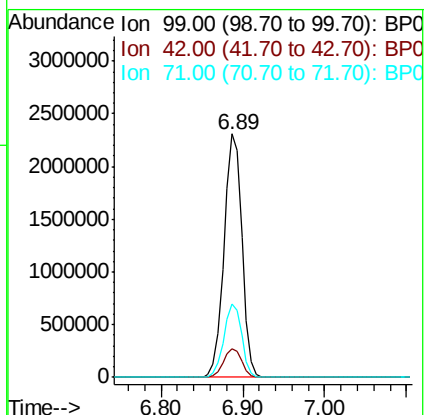
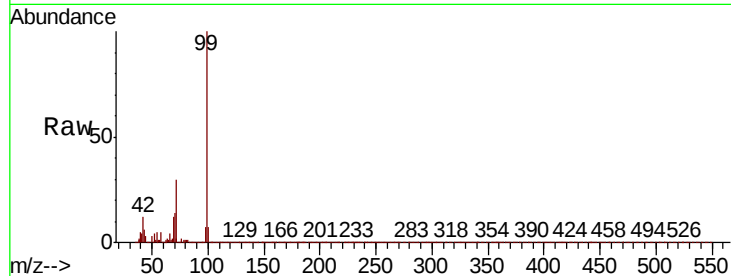
BNA_P

ClientSampleId :

HD-02-072920

Tot Ion: 99 Resp: 3505621

Ion	Ratio	Lower	Upper
99	100		
42	12.0	9.3	13.9
71	29.9	23.5	35.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1294

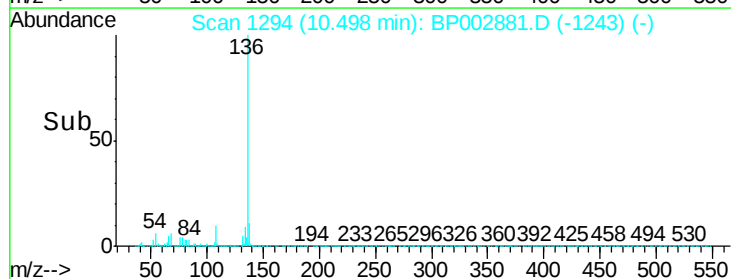
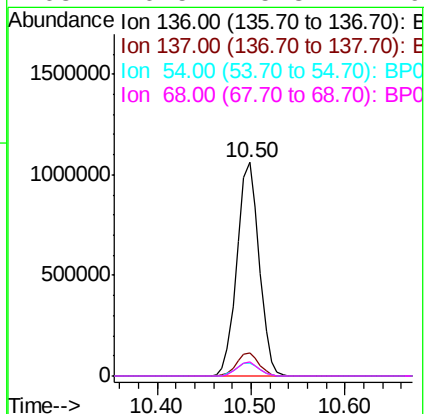
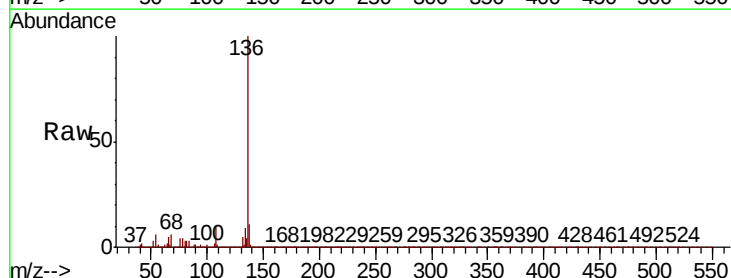
Delta R.T. -0.00 min

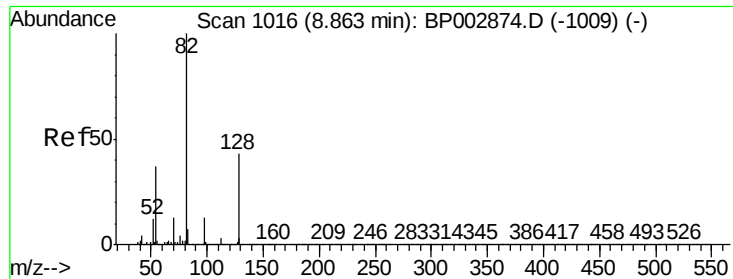
Lab File: BP002881.D

Acq: 30 Jul 2020 17:50

Tgt Ion: 136 Resp: 1732899

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	6.1	5.1	7.7
68	6.5	5.3	7.9

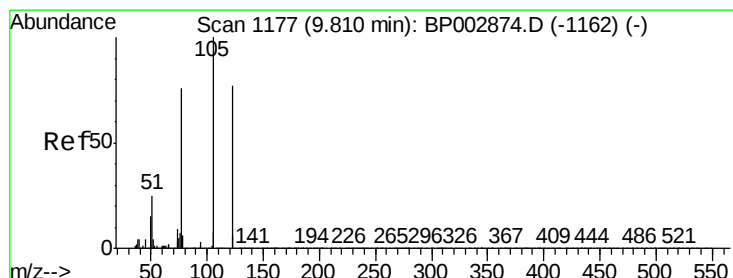
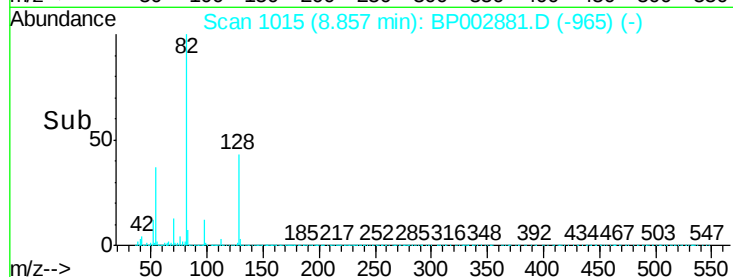
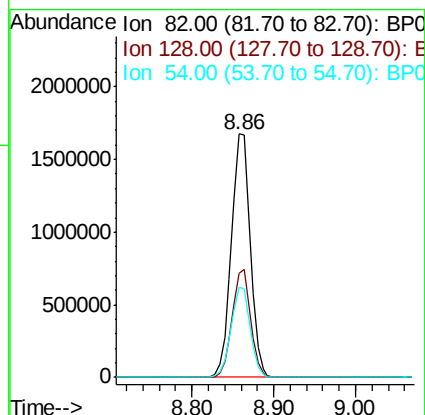
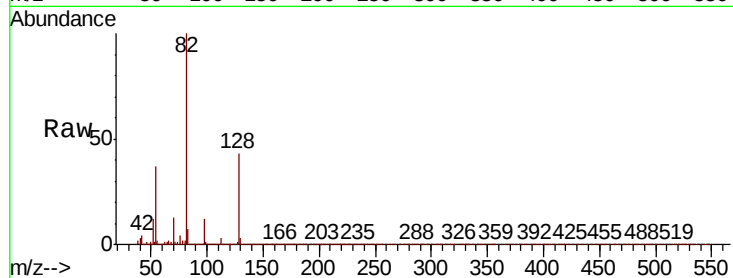




#23
Nitrobenzene-d5
Concen: 84.838 ng
RT: 8.86 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BP002881.D
Acq: 30 Jul 2020 17:50

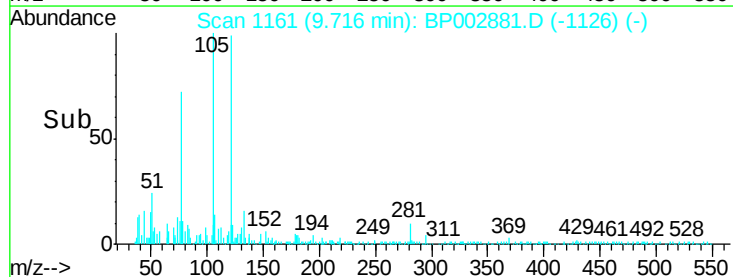
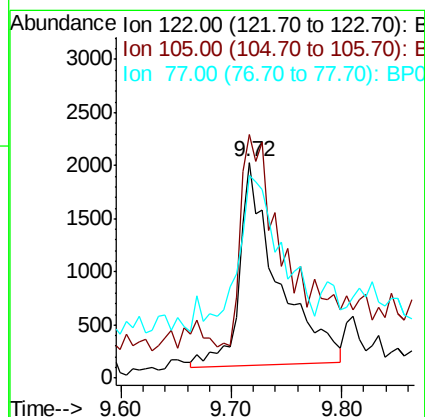
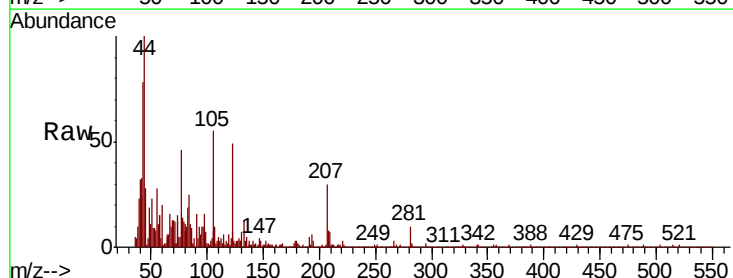
Instrument :
BNA_P
ClientSampleId :
HD-02-072920

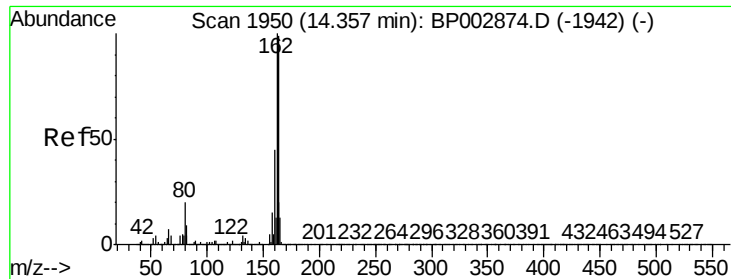
Tot Ion: 82 Resp: 2714365
Ion Ratio Lower Upper
82 100
128 42.6 34.6 52.0
54 37.0 29.5 44.3



#32
Benzoic acid
Concen: 7.928 ng
RT: 9.72 min Scan# 1161
Delta R.T. -0.09 min
Lab File: BP002881.D
Acq: 30 Jul 2020 17:50

Tgt Ion: 122 Resp: 4646
Ion Ratio Lower Upper
122 100
105 112.9 103.4 143.4
77 94.1 74.6 114.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BP002881.D

Acq: 30 Jul 2020 17:50

Instrument :

BNA_P

ClientSampleId :

HD-02-072920

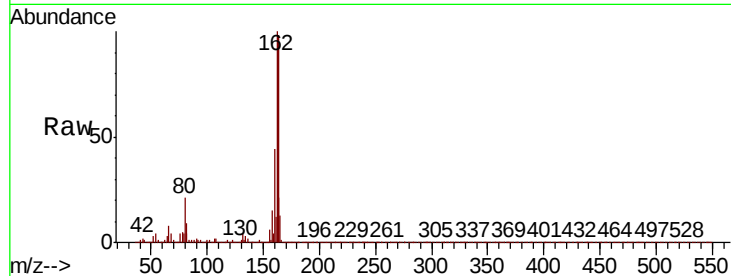
Tot Ion:164 Resp: 963992

Ion Ratio Lower Upper

164 100

162 102.0 81.0 121.6

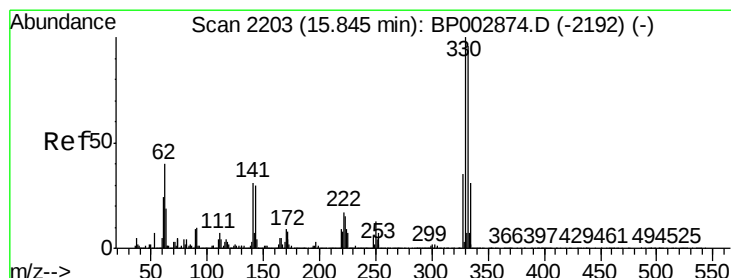
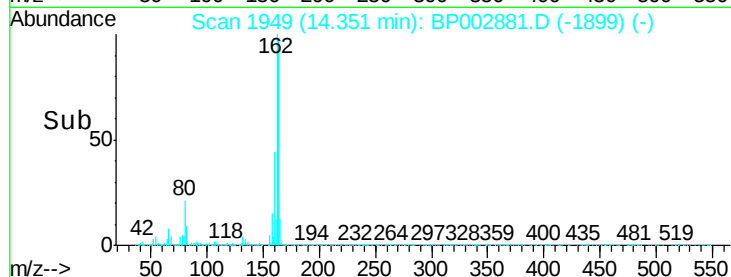
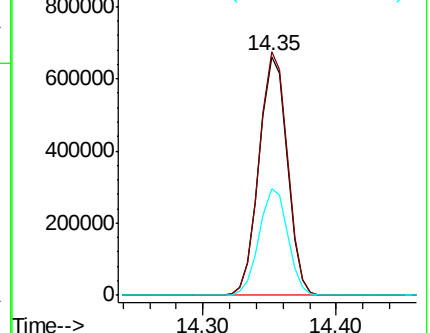
160 44.8 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 115.364 ng

RT: 15.85 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BP002881.D

Acq: 30 Jul 2020 17:50

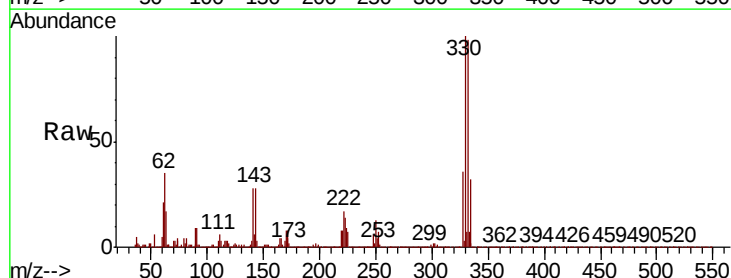
Tgt Ion:330 Resp: 1382209

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

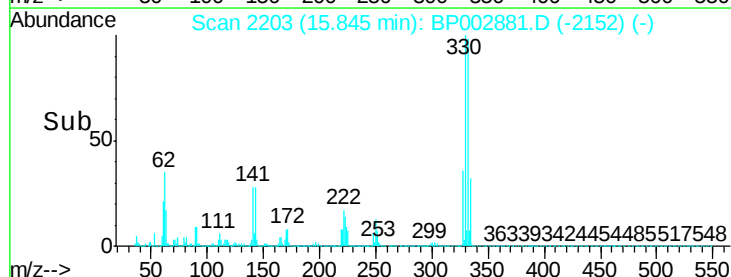
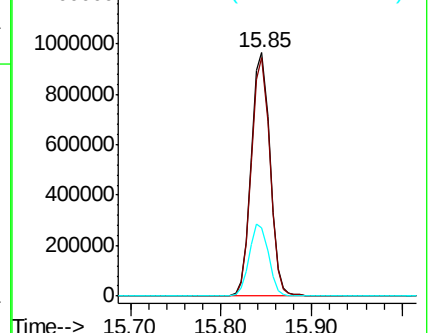
141 30.3 24.6 37.0

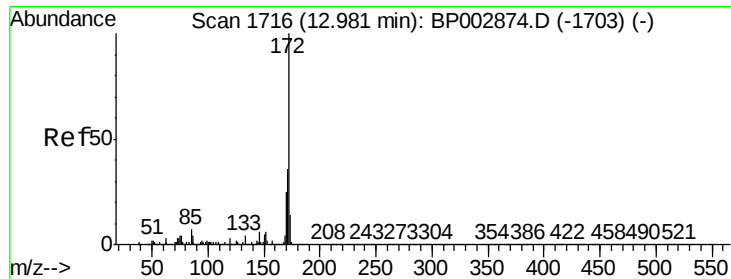


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



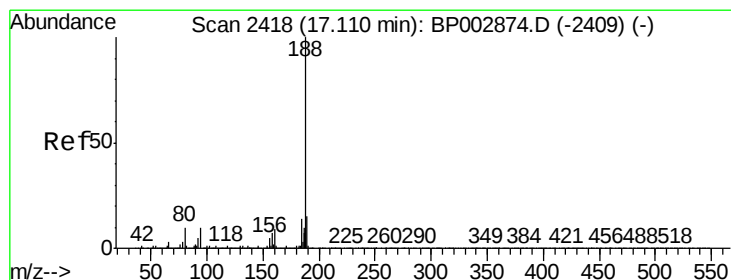
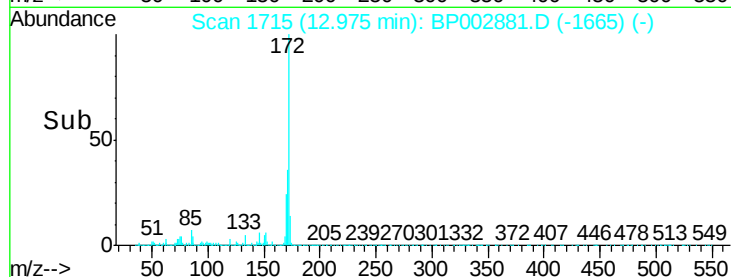
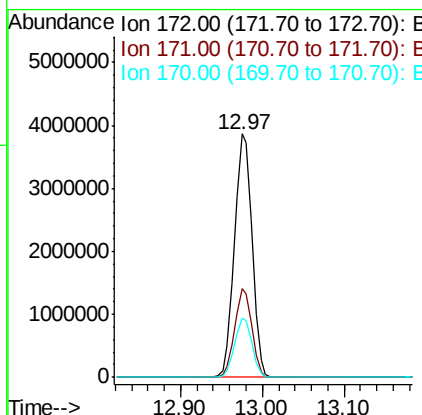
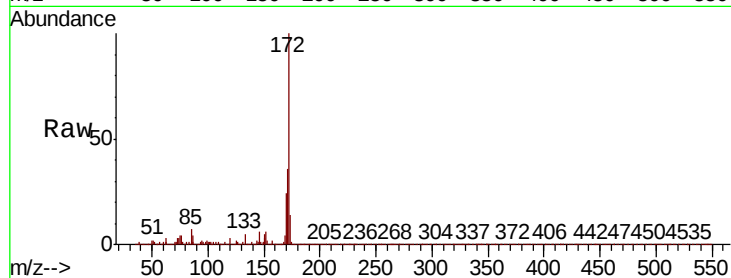


#45
 2-Fluorobiphenyl
 Concen: 82.243 ng
 RT: 12.97 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BP002881.D
 Acq: 30 Jul 2020 17:50

Instrument :
 BNA_P
 ClientSampleId :
 HD-02-072920

Tot Ion:172 Resp: 5802636

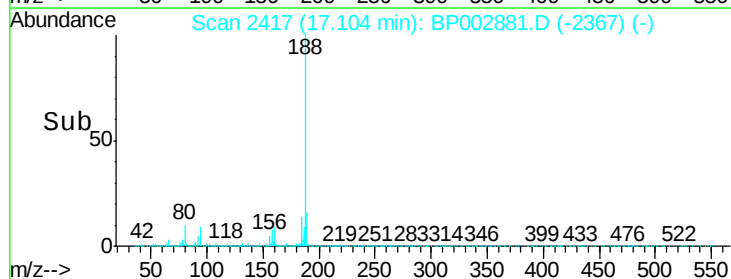
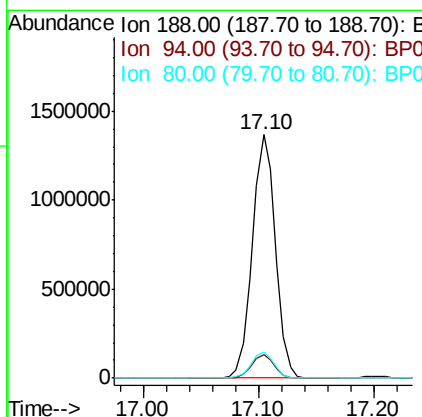
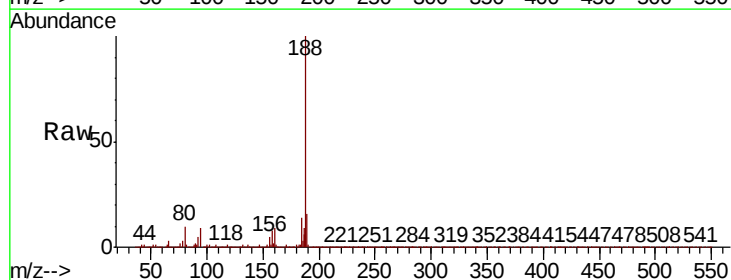
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.1	43.7
170	24.3	19.6	29.4

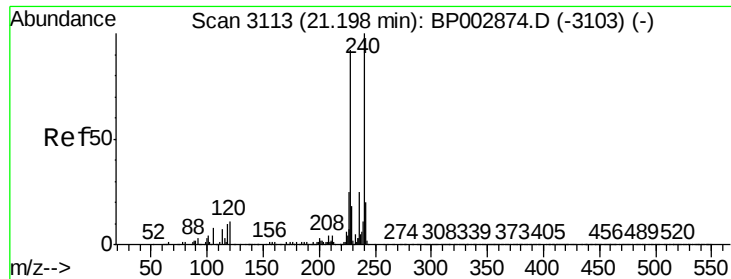


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.10 min Scan# 2417
 Delta R.T. -0.01 min
 Lab File: BP002881.D
 Acq: 30 Jul 2020 17:50

Tgt Ion:188 Resp: 1891593

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.8	11.6
80	10.4	8.0	12.0

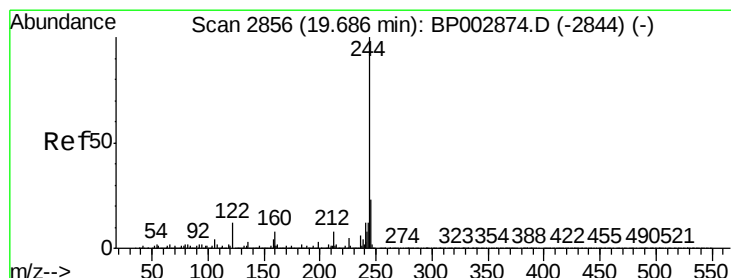
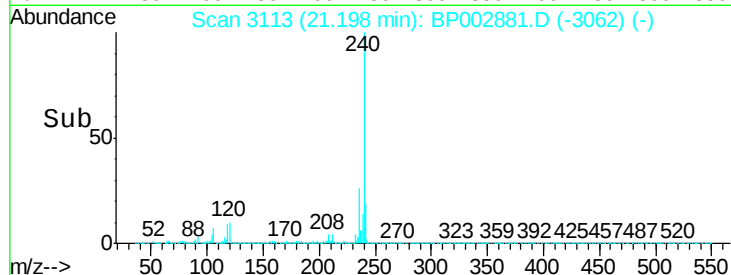
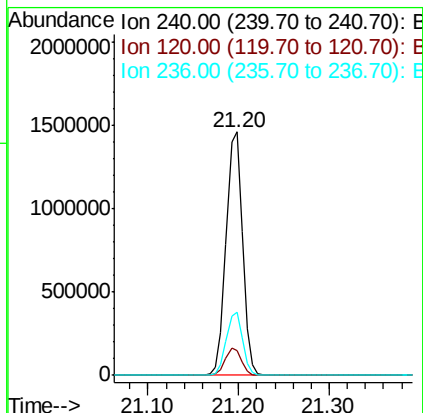
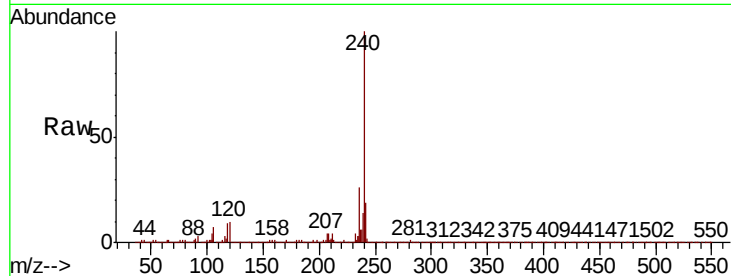




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.20 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BP002881.D
Acq: 30 Jul 2020 17:50

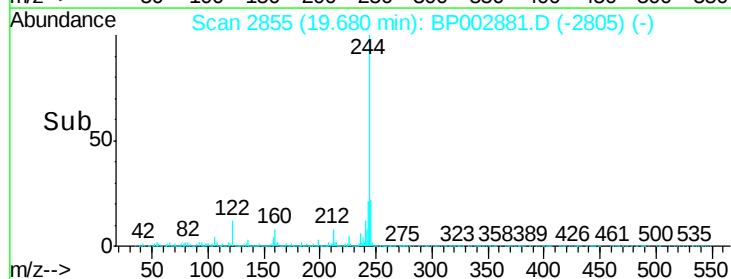
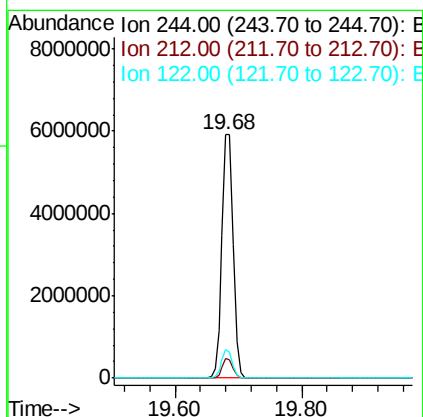
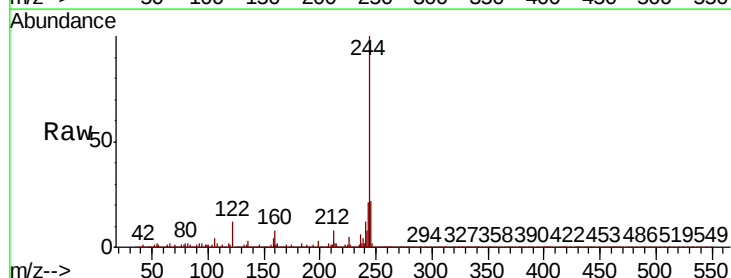
Instrument :
BNA_P
ClientSampleId :
HD-02-072920

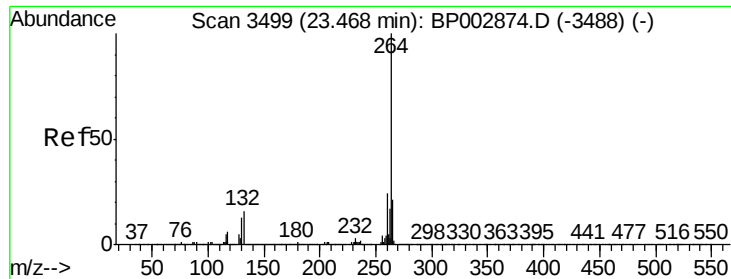
Tot Ion:240 Resp: 1838278
Ion Ratio Lower Upper
240 100
120 10.0 8.9 13.3
236 26.0 20.3 30.5



#79
Terphenyl-d14
Concen: 81.040 ng
RT: 19.68 min Scan# 2855
Delta R.T. -0.01 min
Lab File: BP002881.D
Acq: 30 Jul 2020 17:50

Tgt Ion:244 Resp: 7441466
Ion Ratio Lower Upper
244 100
212 7.9 6.4 9.6
122 11.8 9.4 14.2





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BP002881.D
Acq: 30 Jul 2020 17:50

Instrument :
BNA_P
ClientSampleId :
HD-02-072920

Tot Ion:264 Resp: 2046753

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	21.5	17.0	25.4

