

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\
 Data File : BP003144.D
 Acq On : 27 Aug 2020 22:05
 Operator : CG/JU
 Sample : L3806-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-14A-S

Quant Time: Aug 28 00:52:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

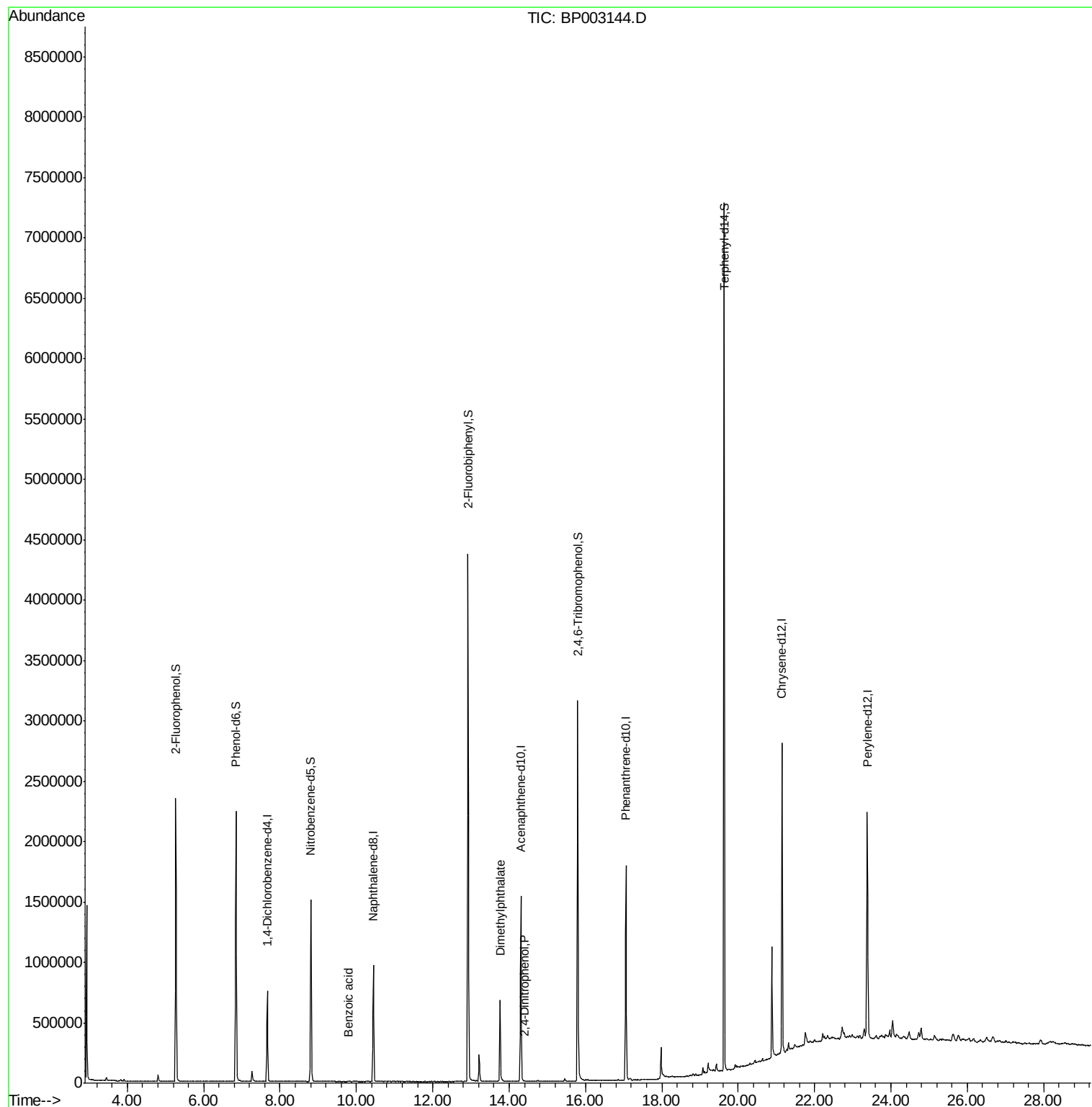
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	227827	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	907263	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	551794	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1170875	20.00	ng	0.00
76) Chrysene-d12	21.15	240	1220001	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1348181	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1267971	98.40	ng	0.00
7) Phenol-d6	6.85	99	1532875	94.89	ng	0.00
23) Nitrobenzene-d5	8.80	82	890651	70.77	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	733330	98.26	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	2517426	66.81	ng	0.00
79) Terphenyl-d14	19.63	244	3405022	61.41	ng	0.00
Target Compounds						
32) Benzoic acid	9.78	122	79	9.004	ng	# 1
50) Dimethylphthalate	13.76	163	531322	12.627	ng	100
54) 2,4-Dinitrophenol	14.40	184	7	7.756	ng	# 1

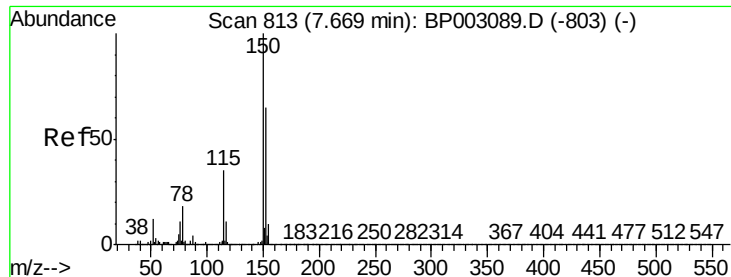
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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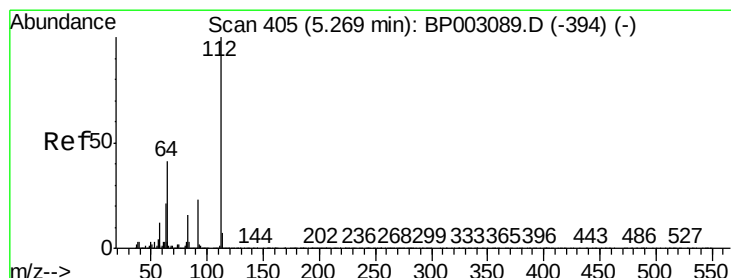
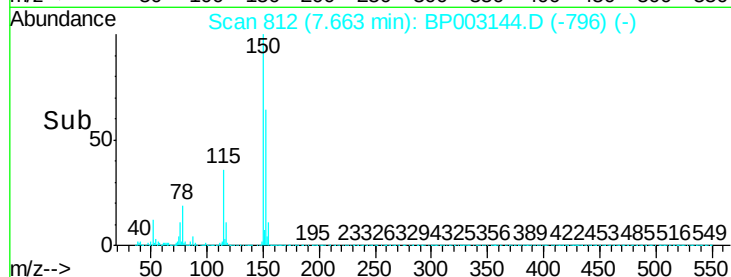
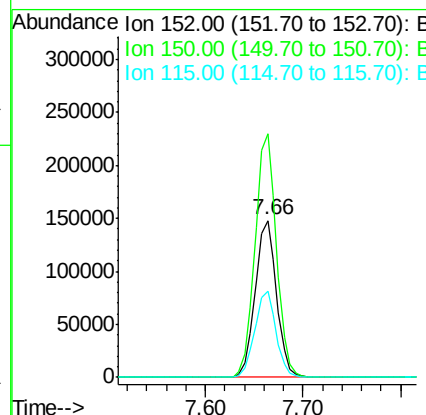
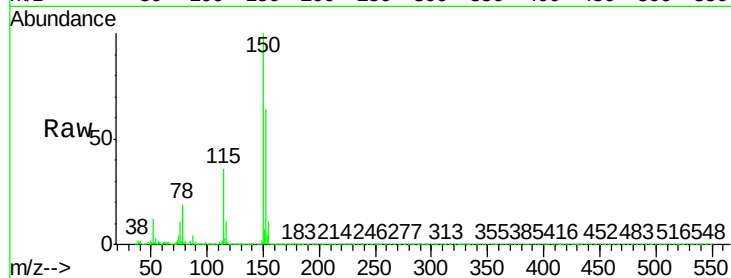


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003144.D
Acq: 27 Aug 2020 22:05

Instrument :
BNA_P
ClientSampleId :
TP-14A-S

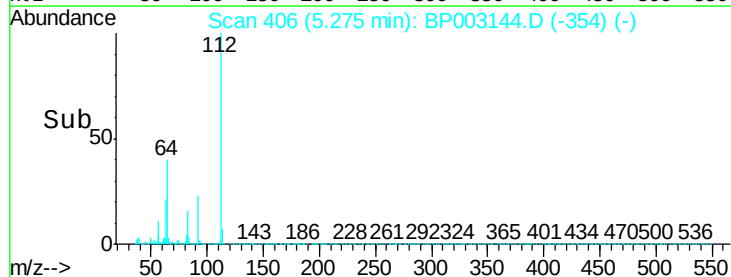
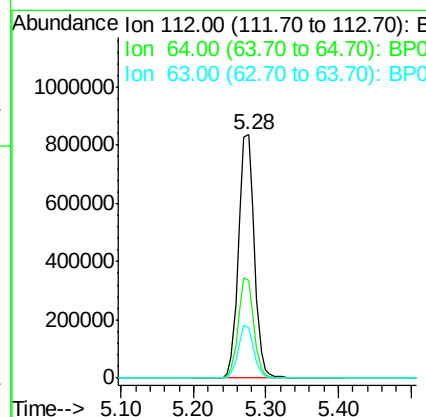
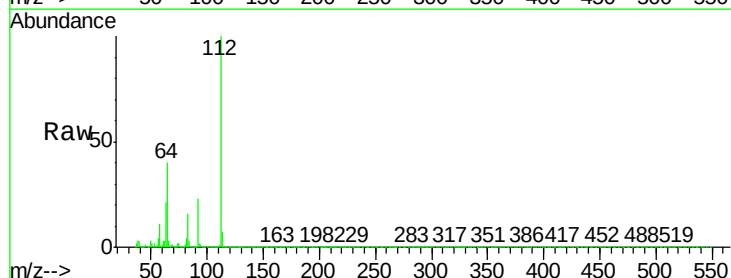
Tot Ion	152	Resp	227827
Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.1	184.7
115	55.2	42.8	64.2

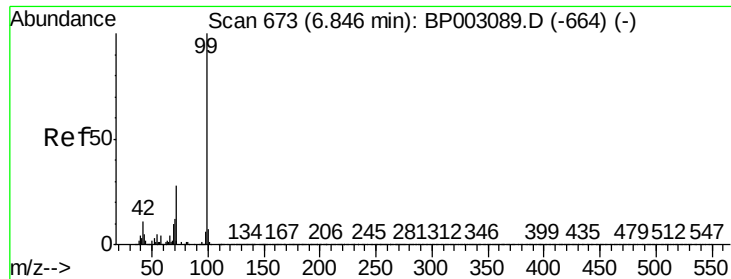


#5

2-Fluorophenol
Concen: 98.400 ng
RT: 5.28 min Scan# 406
Delta R.T. 0.01 min
Lab File: BP003144.D
Acq: 27 Aug 2020 22:05

Tgt Ion	112	Resp	1267971
Ion	Ratio	Lower	Upper
112	100		
64	40.1	33.0	49.6
63	20.7	16.9	25.3





#7

Phenol-d6

Concen: 94.895 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BP003144.D

Acq: 27 Aug 2020 22:05

Instrument :

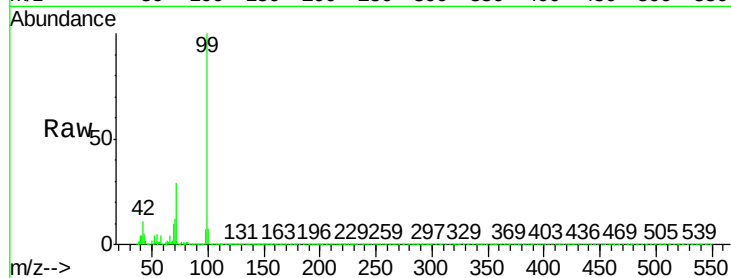
BNA_P

ClientSampleId :

TP-14A-S

Tot Ion: 99 Resp: 1532875

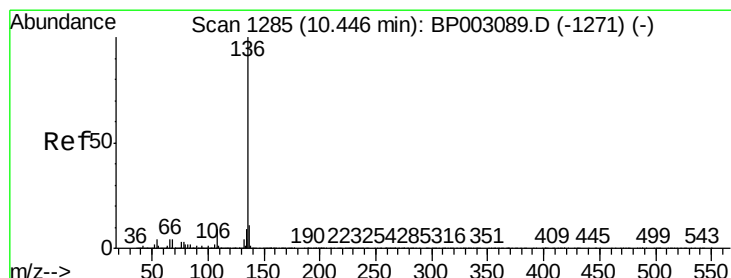
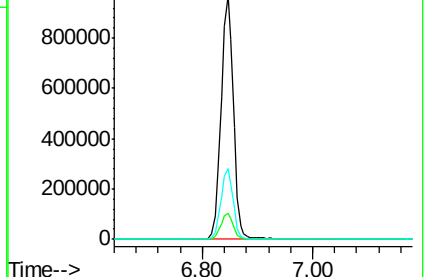
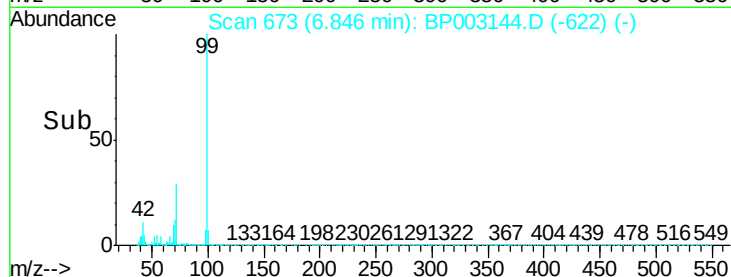
Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.5	12.7
71	29.3	22.8	34.2



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: 10.44 min Scan# 1284

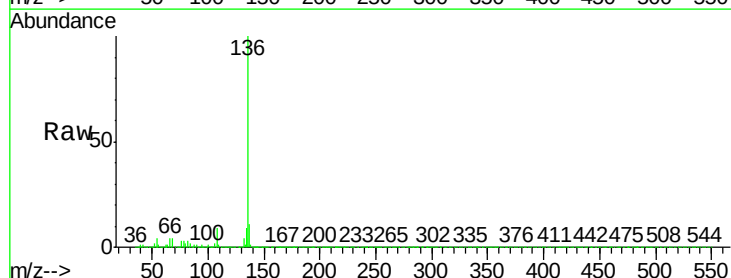
Delta R.T. -0.01 min

Lab File: BP003144.D

Acq: 27 Aug 2020 22:05

Tgt Ion: 136 Resp: 907263

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	4.4	3.5	5.3
68	4.5	3.2	4.8

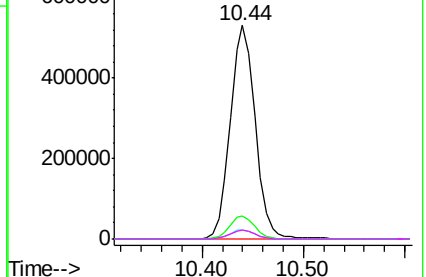
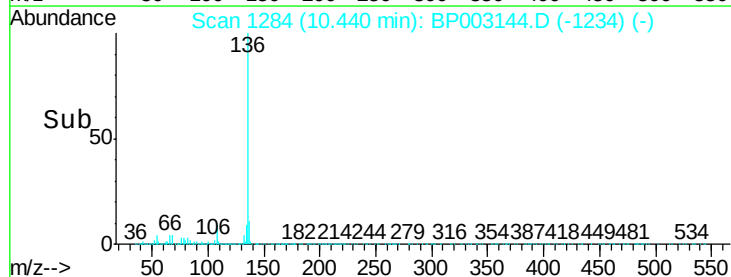


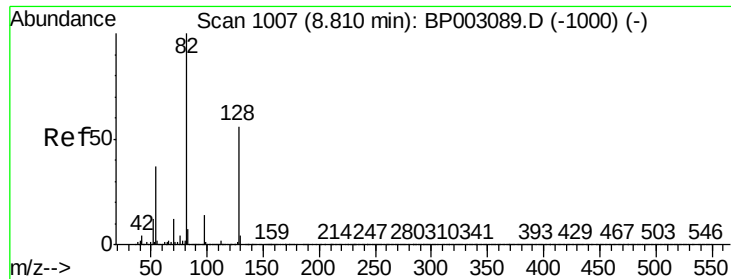
Abundance Ion 136.00 (135.70 to 136.70): E

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

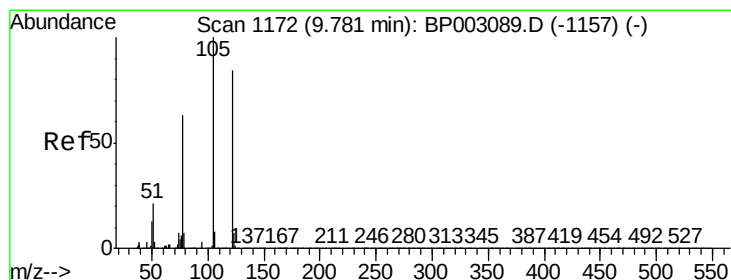
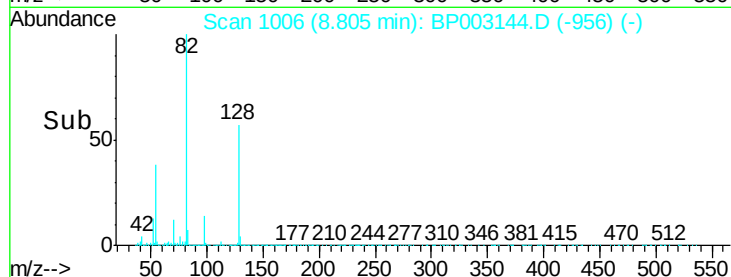
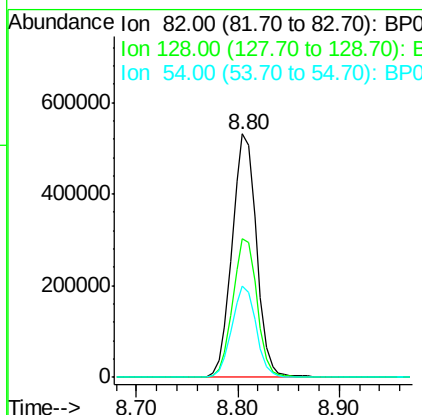
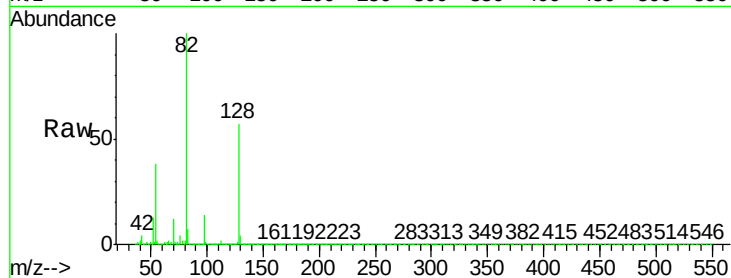




#23
 Nitrobenzene-d5
 Concen: 70.771 ng
 RT: 8.80 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BP003144.D
 Acq: 27 Aug 2020 22:05

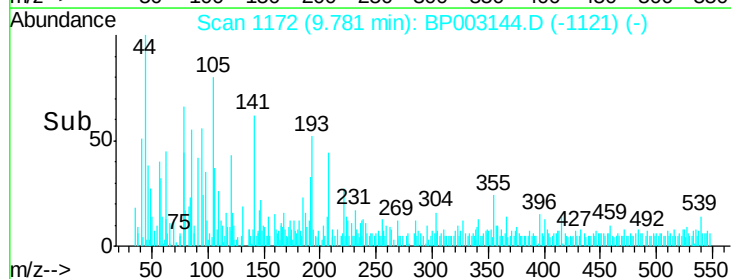
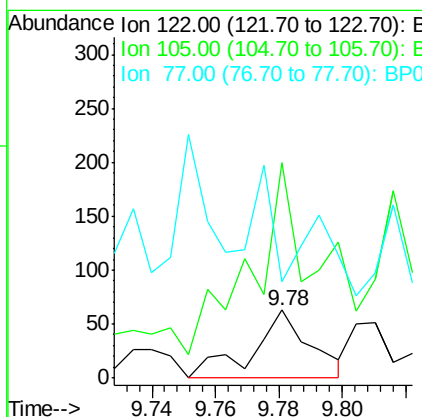
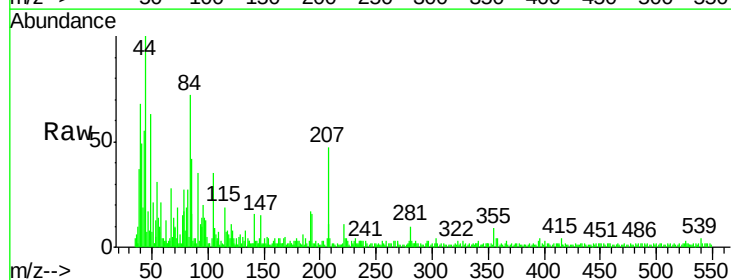
Instrument :
 BNA_P
 ClientSampleId :
 TP-14A-S

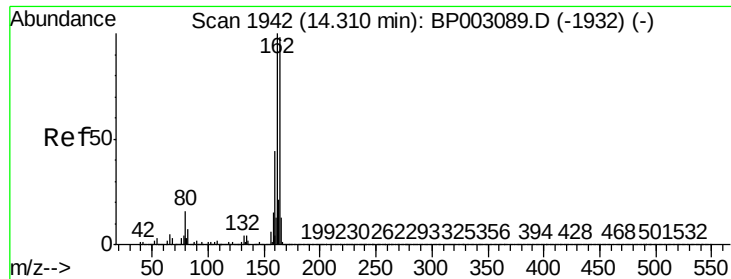
Tot Ion	Ratio	Lower	Upper
82	100		
128	56.8	44.9	67.3
54	37.5	29.4	44.2



#32
 Benzoic acid
 Concen: 9.004 ng
 RT: 9.78 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BP003144.D
 Acq: 27 Aug 2020 22:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	317.5	98.1	138.1#
77	141.3	55.3	95.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1941

Delta R.T. -0.01 min

Lab File: BP003144.D

Acq: 27 Aug 2020 22:05

Instrument :

BNA_P

ClientSampled :

TP-14A-S

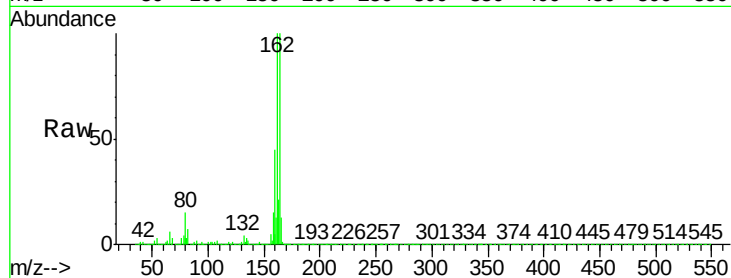
Tot Ion:164 Resp: 551794

Ion Ratio Lower Upper

164 100

162 100.4 81.2 121.8

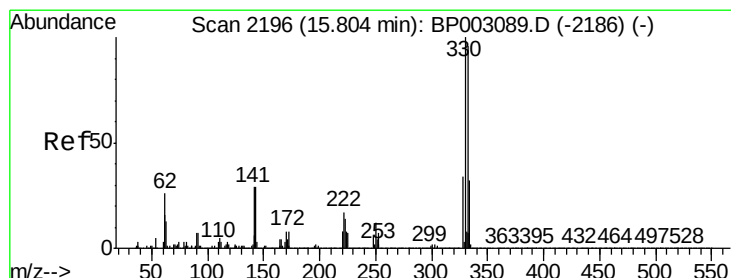
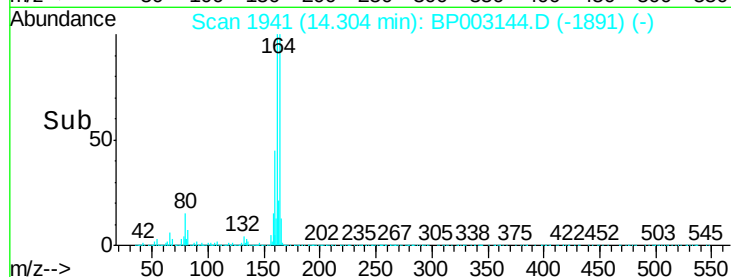
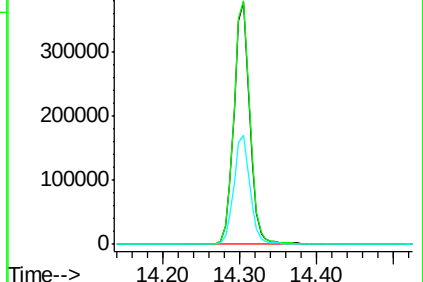
160 45.0 36.0 54.0



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: 98.264 ng

RT: 15.80 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BP003144.D

Acq: 27 Aug 2020 22:05

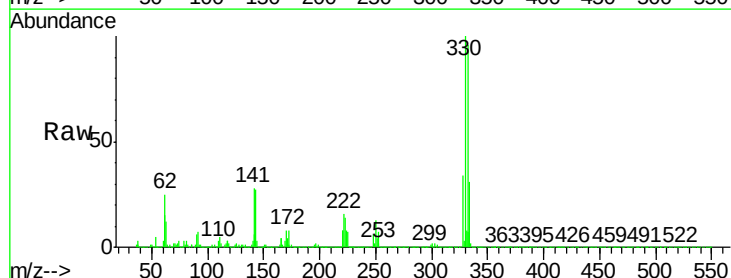
Tgt Ion:330 Resp: 733330

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

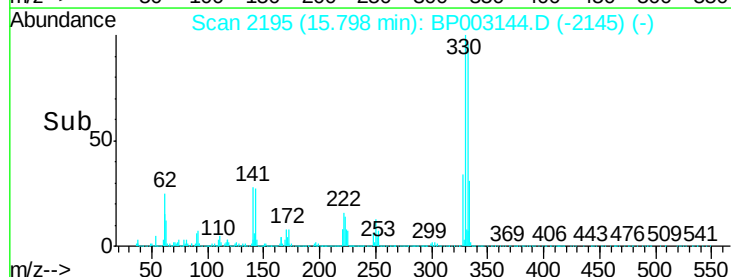
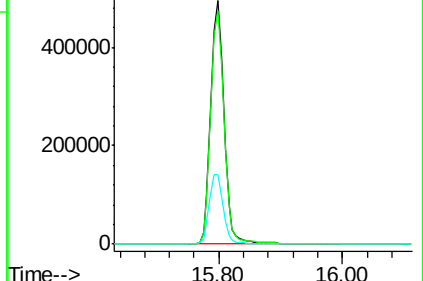
141 30.2 24.4 36.6

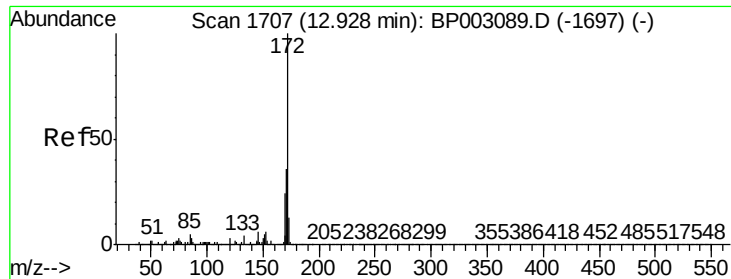


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



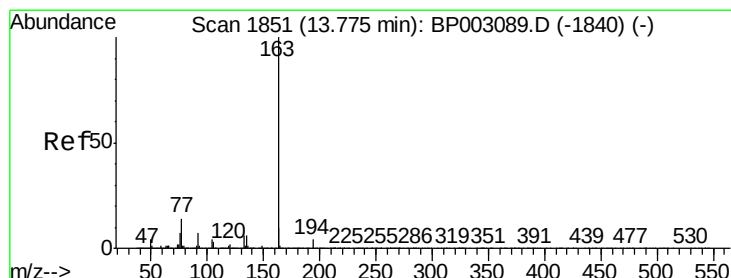
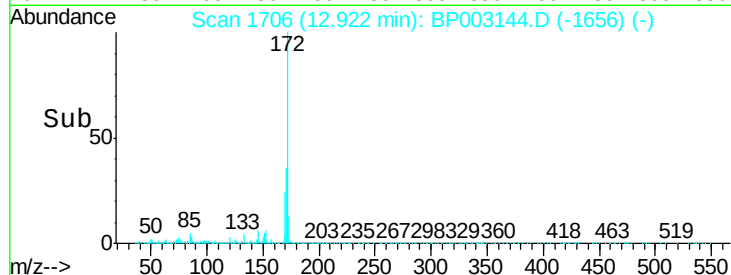
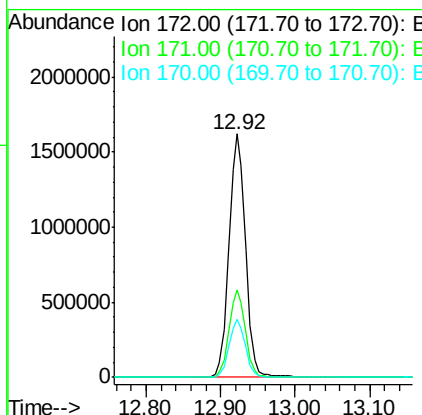
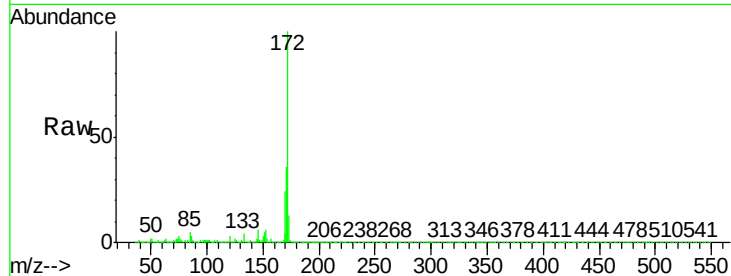


#45
2-Fluorobiphenyl
Concen: 66.812 ng
RT: 12.92 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP003144.D
Acq: 27 Aug 2020 22:05

Instrument :
BNA_P
ClientSampleId :
TP-14A-S

Tot Ion:172 Resp: 2517426

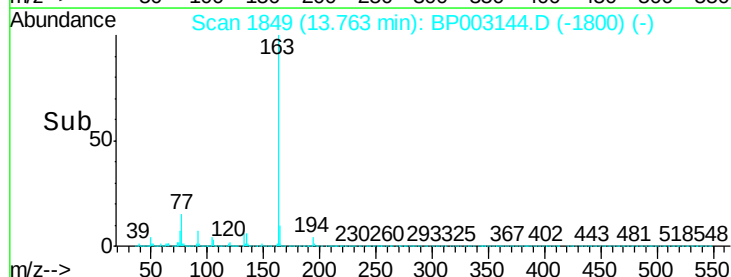
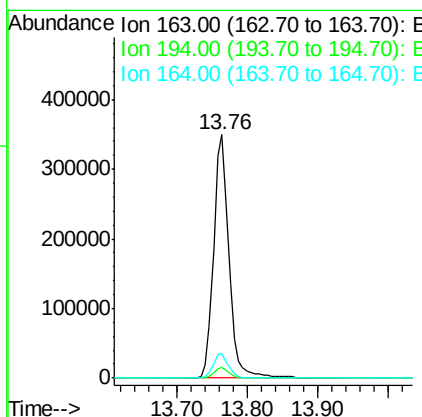
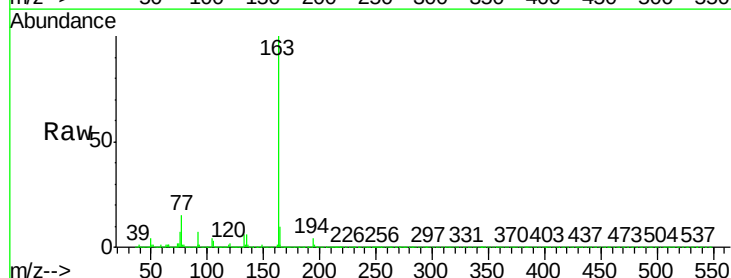
Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	23.8	19.0	28.4

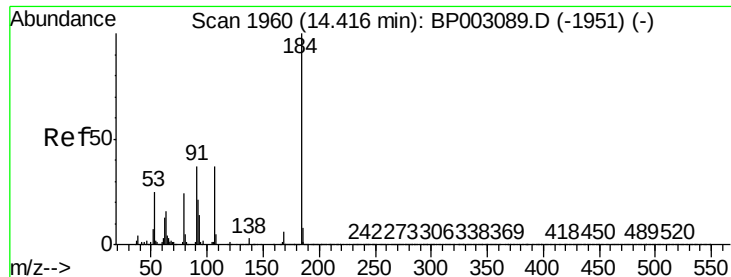


#50
Dimethylphthalate
Concen: 12.627 ng
RT: 13.76 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BP003144.D
Acq: 27 Aug 2020 22:05

Tgt Ion:163 Resp: 531322

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.0
164	9.9	8.1	12.1

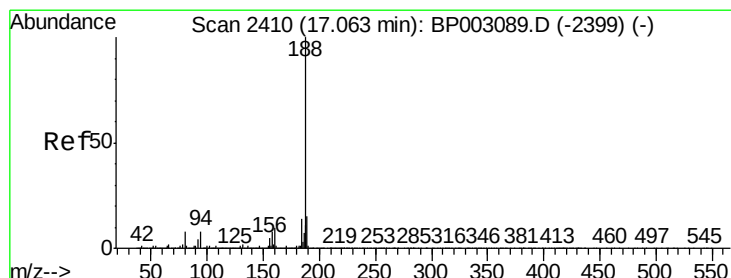
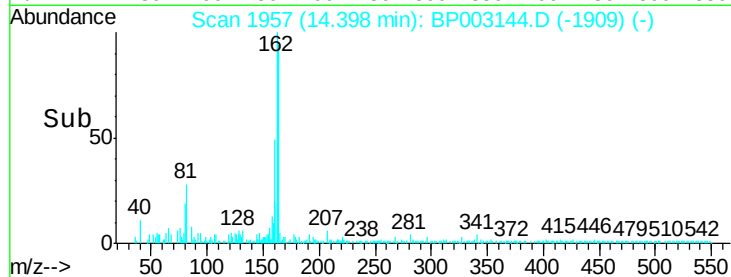
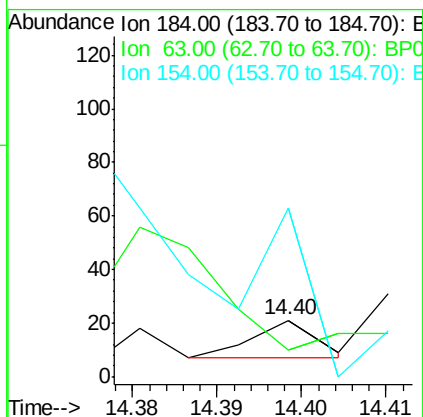
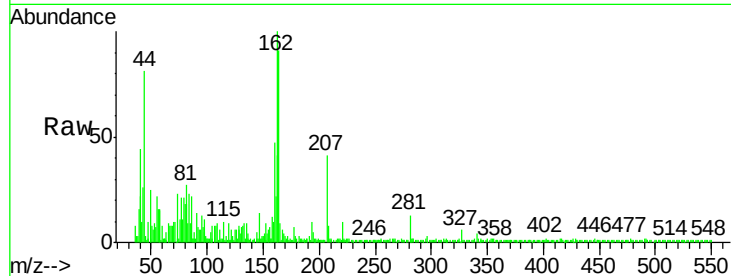




#54
 2,4-Dinitrophenol
 Concen: 7.756 ng
 RT: 14.40 min Scan# 1957
 Delta R.T. -0.02 min
 Lab File: BP003144.D
 Acq: 27 Aug 2020 22:05

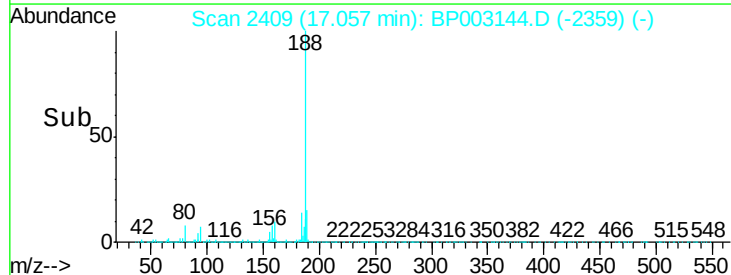
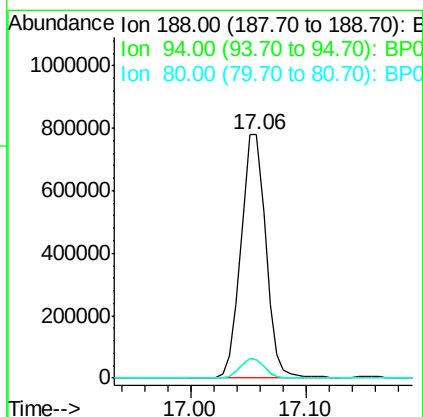
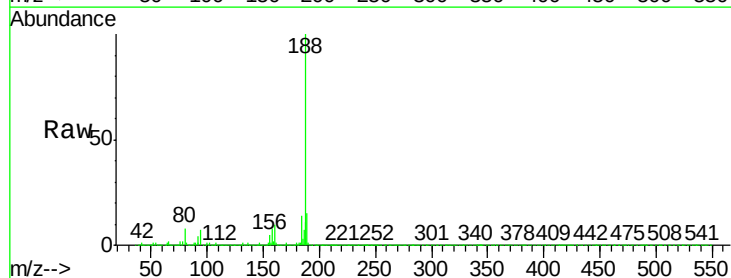
Instrument :
 BNA_P
 ClientSampled :
 TP-14A-S

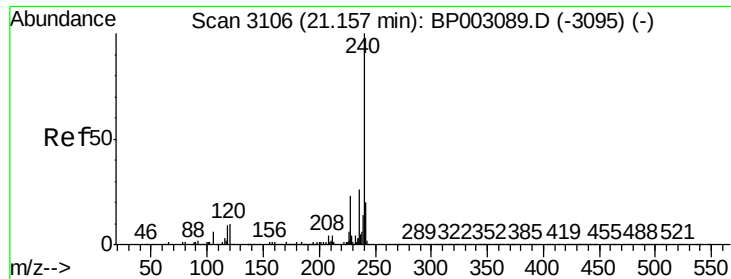
Tot Ion:184 Resp: 7
 Ion Ratio Lower Upper
 184 100
 63 47.6 32.0 48.0
 154 300.0 48.2 72.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.06 min Scan# 2409
 Delta R.T. -0.01 min
 Lab File: BP003144.D
 Acq: 27 Aug 2020 22:05

Tgt Ion:188 Resp: 1170875
 Ion Ratio Lower Upper
 188 100
 94 7.4 6.2 9.4
 80 7.8 6.4 9.6

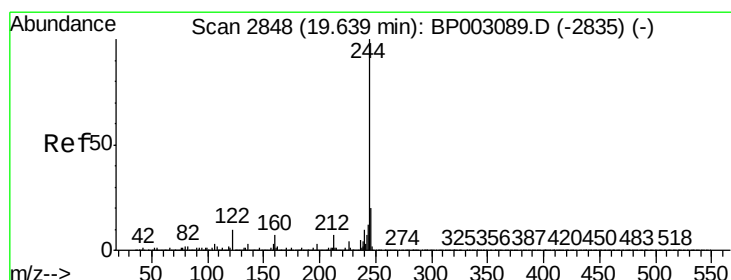
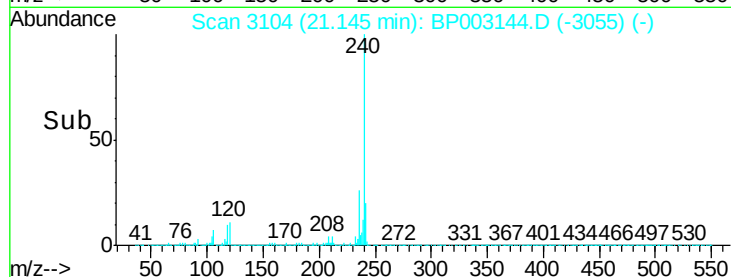
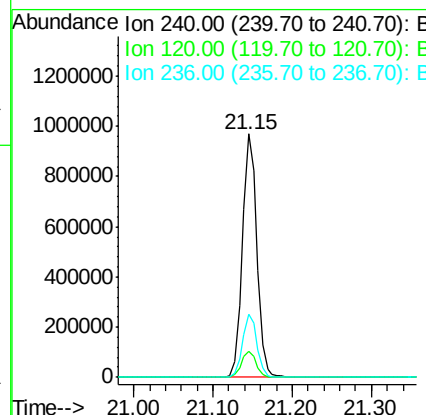
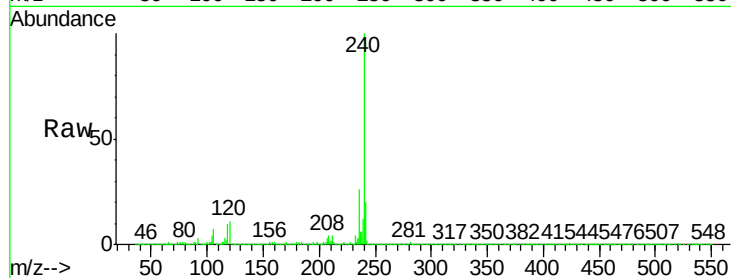




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP003144.D
Acq: 27 Aug 2020 22:05

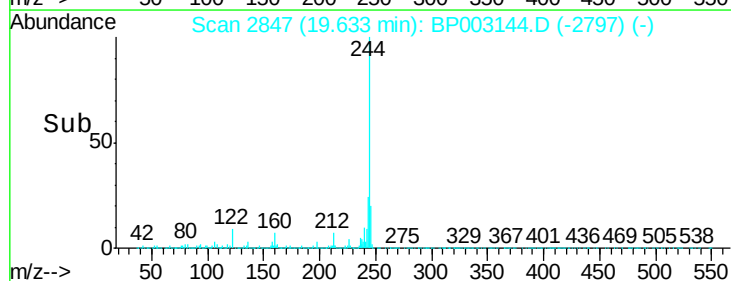
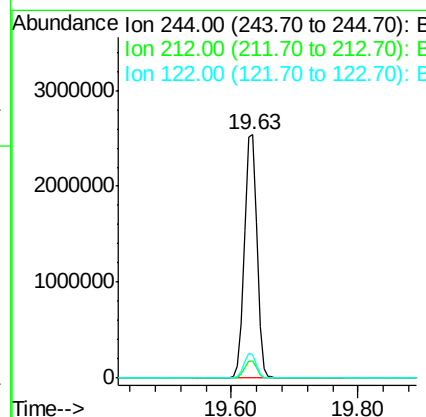
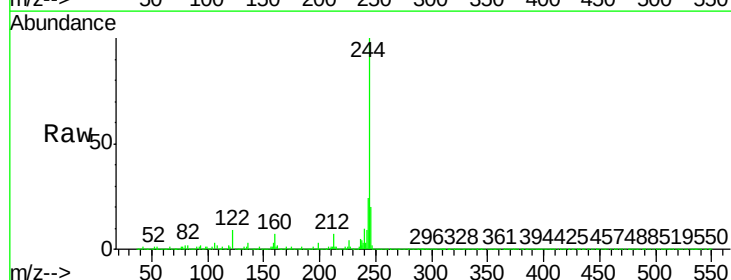
Instrument :
BNA_P
ClientSampleId :
TP-14A-S

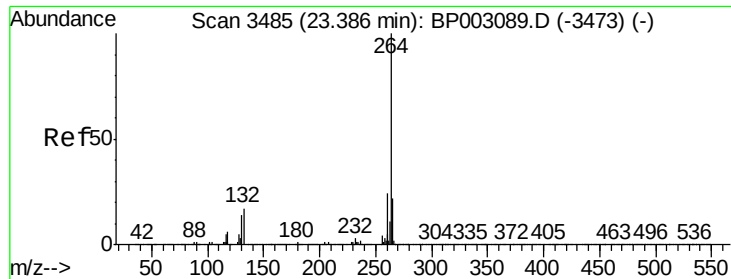
Tot Ion:240 Resp: 1220001
Ion Ratio Lower Upper
240 100
120 10.7 8.4 12.6
236 25.7 20.6 31.0



#79
Terphenyl-d14
Concen: 61.414 ng
RT: 19.63 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BP003144.D
Acq: 27 Aug 2020 22:05

Tgt Ion:244 Resp: 3405022
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.5 7.7 11.5



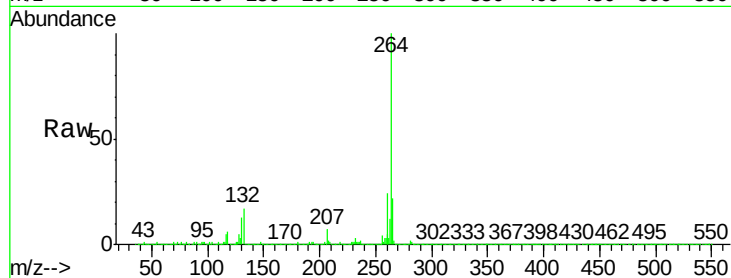


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.38 min Scan# 3484
Delta R.T. -0.01 min
Lab File: BP003144.D
Acq: 27 Aug 2020 22:05

Instrument :
BNA_P
ClientSampleId :
TP-14A-S

Tot Ion:264 Resp: 1348181

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	22.0	17.7	26.5



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

