

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091020\
 Data File : BP003251.D
 Acq On : 10 Sep 2020 16:54
 Operator : CG/JU
 Sample : L3942-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 N35868

Quant Time: Sep 10 17:42:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 01 14:37:05 2020
 Response via : Initial Calibration

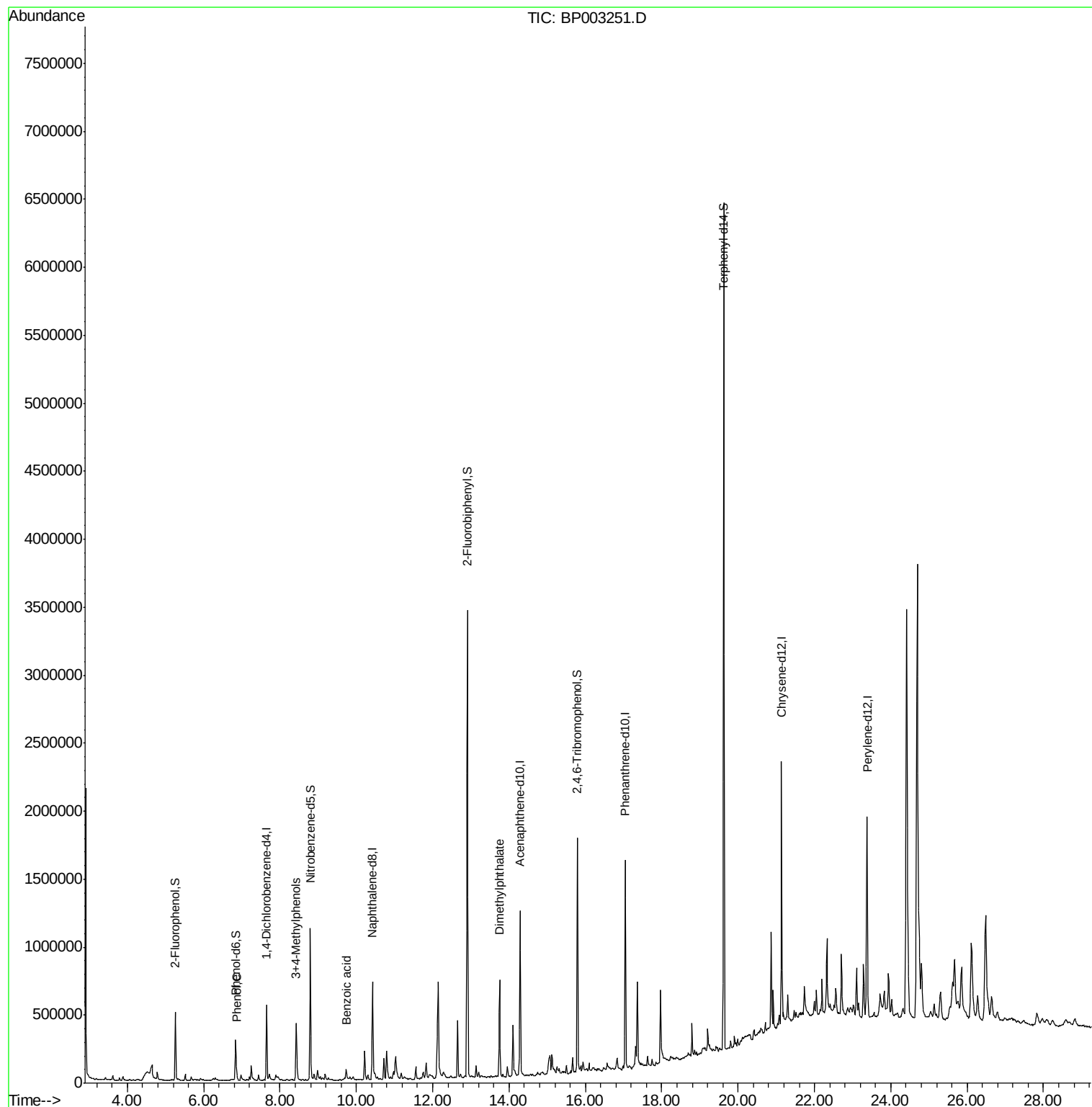
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	165553	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	671691	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	420201	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	908533	20.00	ng	0.00
76) Chrysene-d12	21.15	240	963631	20.00	ng	0.00
86) Perylene-d12	23.38	264	1043448	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	259698	27.73	ng	0.00
7) Phenol-d6	6.84	99	209953	17.89	ng	0.00
23) Nitrobenzene-d5	8.79	82	666026	71.48	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	421892	74.24	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	1835384	63.97	ng	0.00
79) Terphenyl-d14	19.62	244	2892018	66.04	ng	0.00
Target Compounds						
10) Phenol	6.86	94	29840	2.743	ng	92
20) 3+4-Methylphenols	8.42	107	219300	21.003	ng	91
32) Benzoic acid	9.75	122	11951	10.528	ng	92
50) Dimethylphthalate	13.75	163	539494	16.836	ng	100

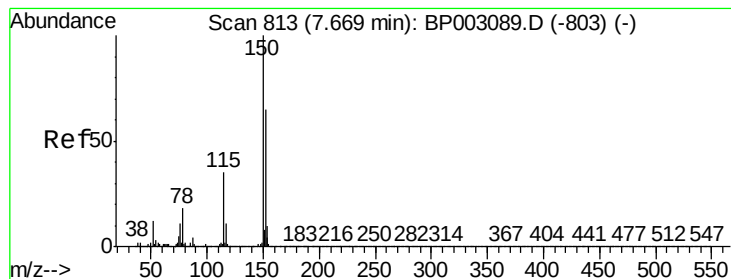
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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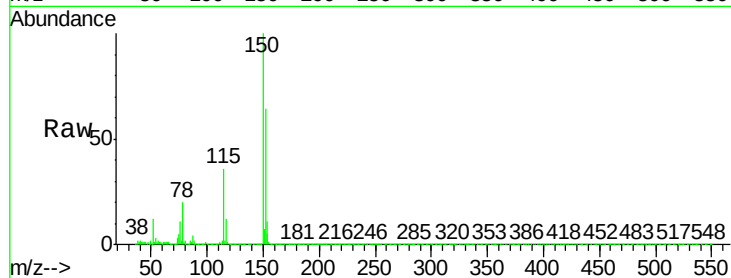


#1

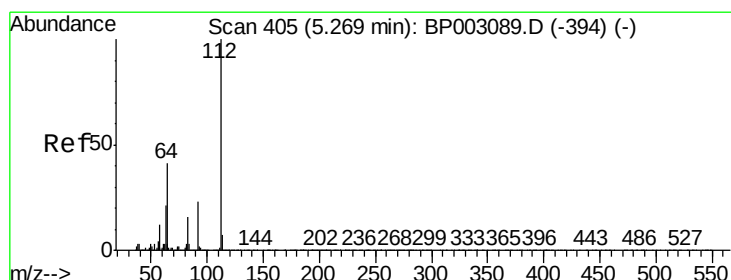
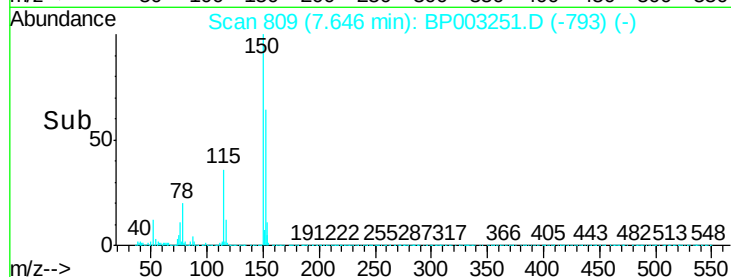
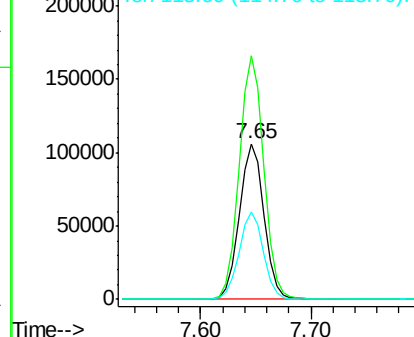
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 809
Delta R.T. -0.01 min
Lab File: BP003251.D
Acq: 10 Sep 2020 16:54

Instrument :
BNA_P
ClientSampleId :
N35868

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	123.8	185.6
115	56.2	43.8	65.6



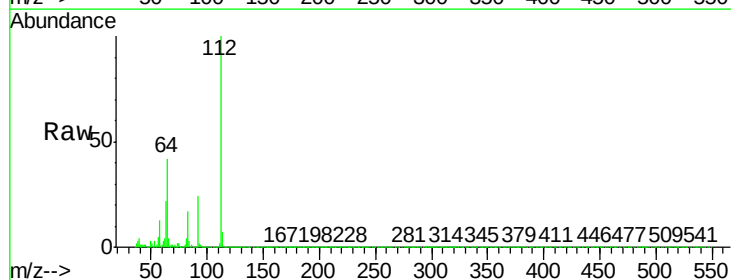
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



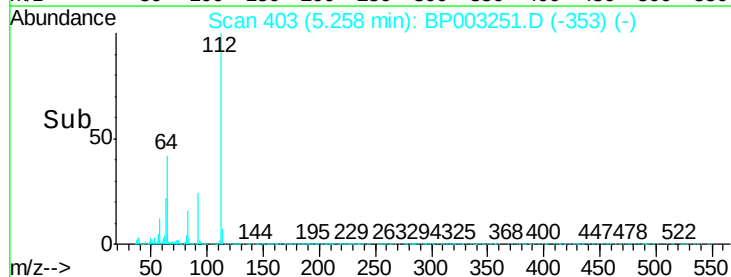
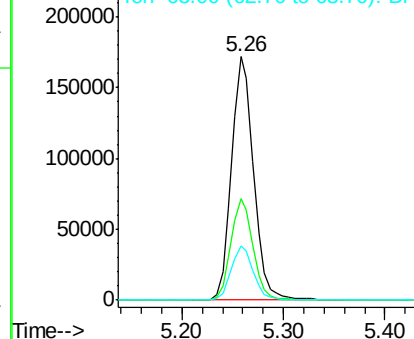
#5

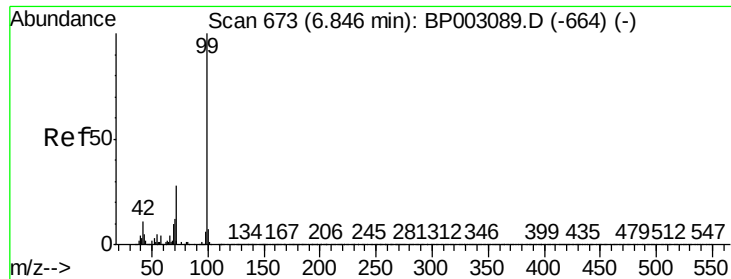
2-Fluorophenol
Concen: 27.735 ng
RT: 5.26 min Scan# 403
Delta R.T. -0.01 min
Lab File: BP003251.D
Acq: 10 Sep 2020 16:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.8	32.8	49.2
63	22.2	17.0	25.4



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: 17.886 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003251.D

Acq: 10 Sep 2020 16:54

Instrument :

BNA_P

ClientSampleId :

N35868

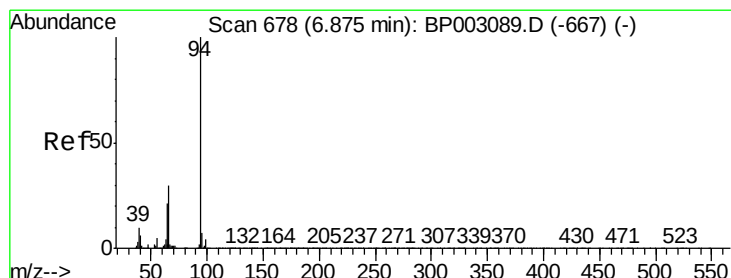
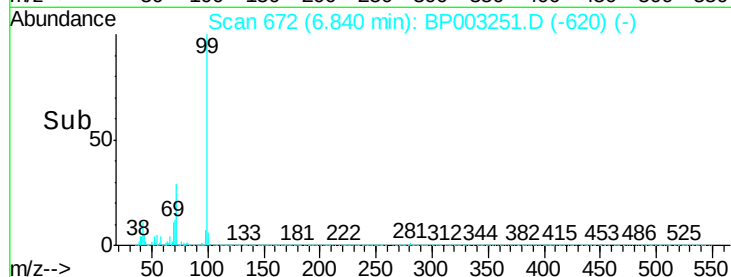
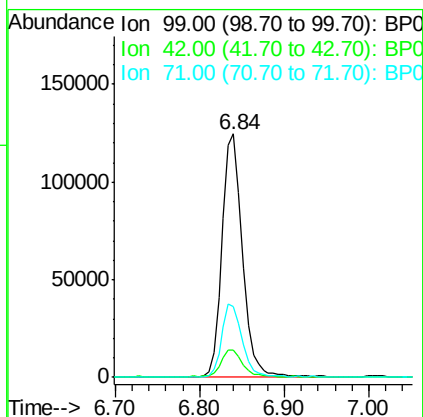
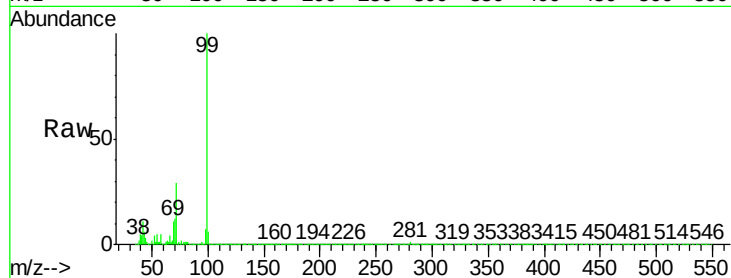
Tot Ion: 99 Resp: 209953

Ion Ratio Lower Upper

99 100

42 11.4 8.6 13.0

71 29.0 23.4 35.2



#10

Phenol

Concen: 2.743 ng

RT: 6.86 min Scan# 676

Delta R.T. -0.00 min

Lab File: BP003251.D

Acq: 10 Sep 2020 16:54

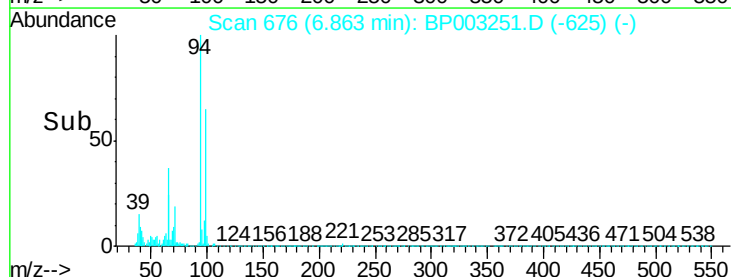
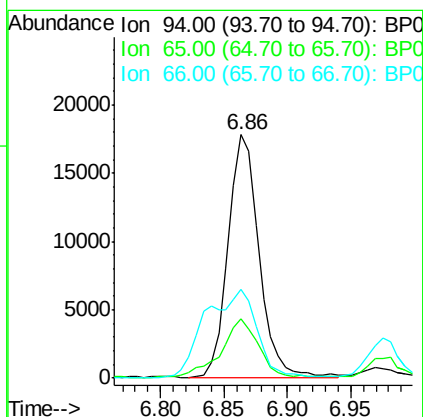
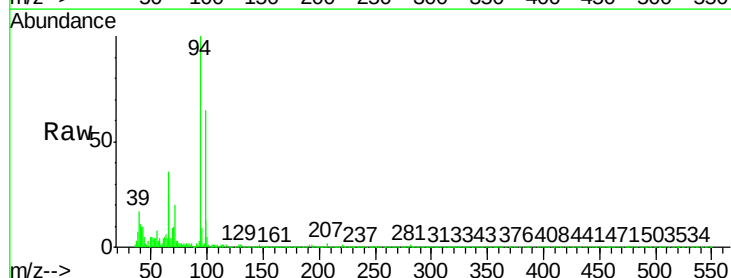
Tgt Ion: 94 Resp: 29840

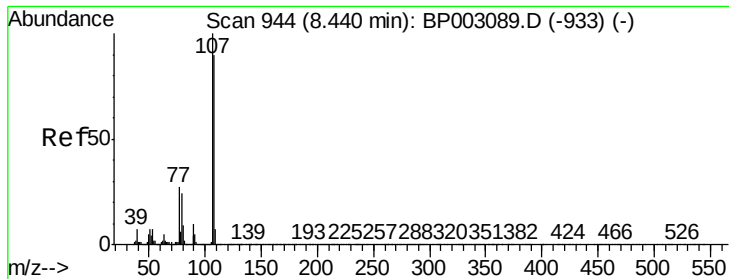
Ion Ratio Lower Upper

94 100

65 24.5 2.3 42.3

66 36.4 10.9 50.9





#20

3+4-Methylphenols

Concen: 21.003 ng

RT: 8.42 min Scan# 941

Delta R.T. -0.01 min

Lab File: BP003251.D

Acq: 10 Sep 2020 16:54

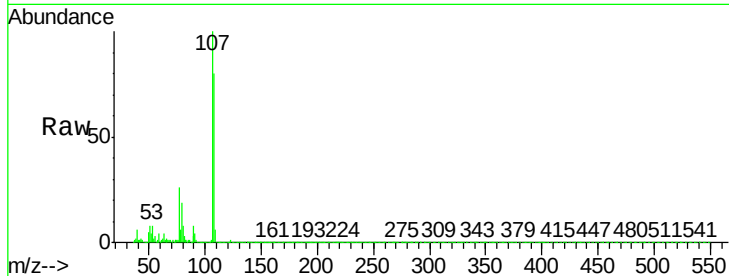
Instrument :

BNA_P

ClientSampleId :

N35868

Tot Ion:	107	Resp:	219300
Ion	Ratio	Lower	Upper
107	100		
108	80.0	69.0	109.0
77	25.6	8.5	48.5
79	19.4	4.8	44.8



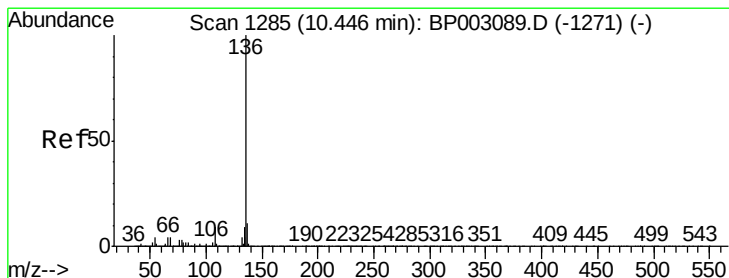
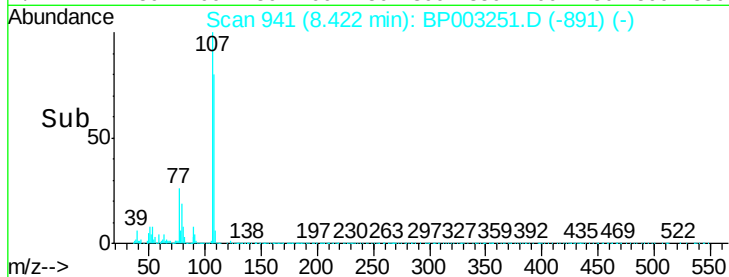
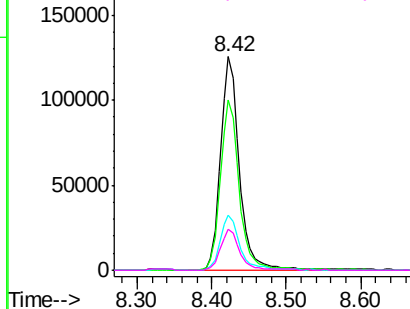
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

Ion 79.00 (78.70 to 79.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

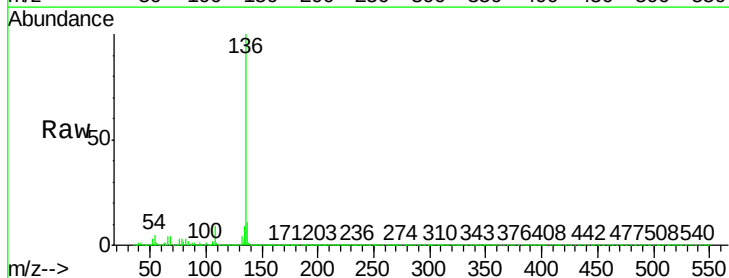
RT: 10.43 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BP003251.D

Acq: 10 Sep 2020 16:54

Tgt Ion:	136	Resp:	671691
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	4.5	3.6	5.4
68	4.1	3.3	4.9



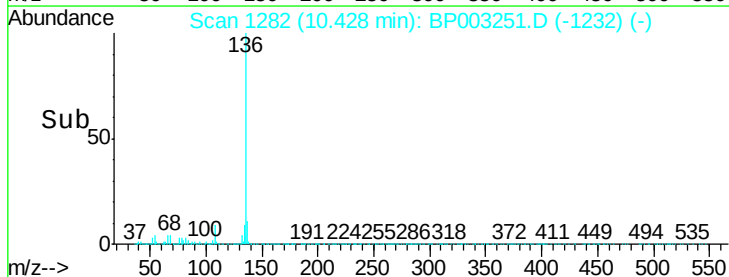
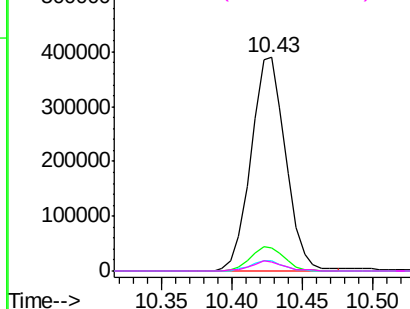
Abundance

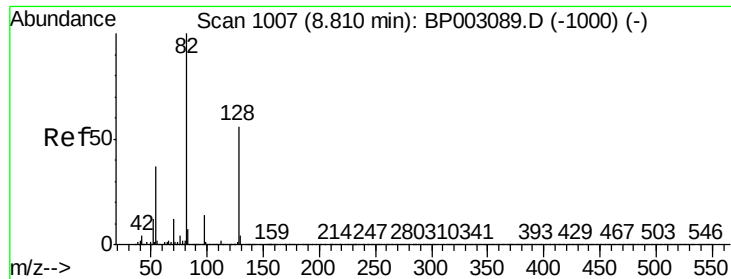
Ion 136.00 (135.70 to 136.70): E

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

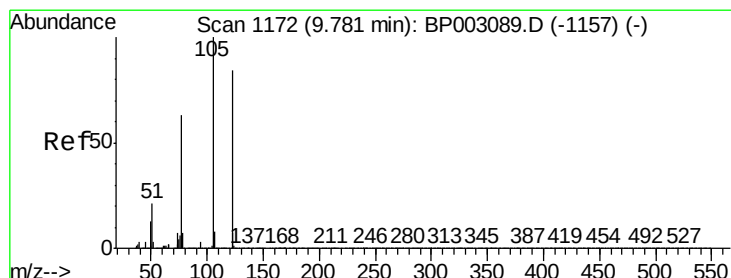
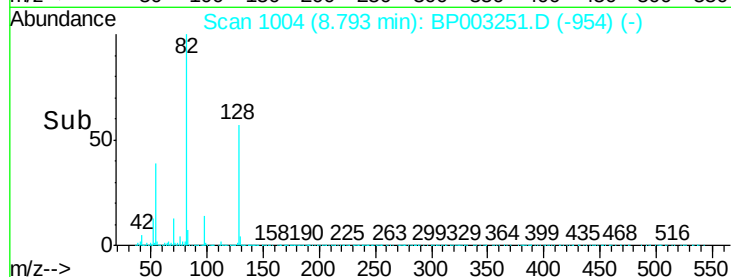
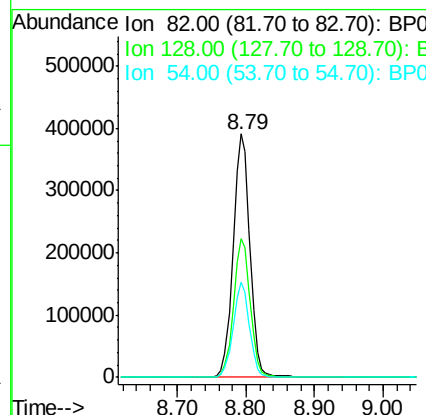
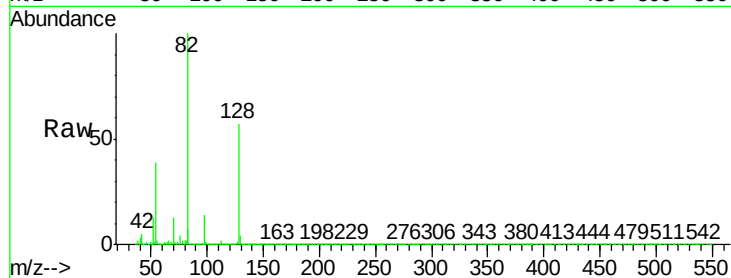




#23
Nitrobenzene-d5
Concen: 71.483 ng
RT: 8.79 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP003251.D
Acq: 10 Sep 2020 16:54

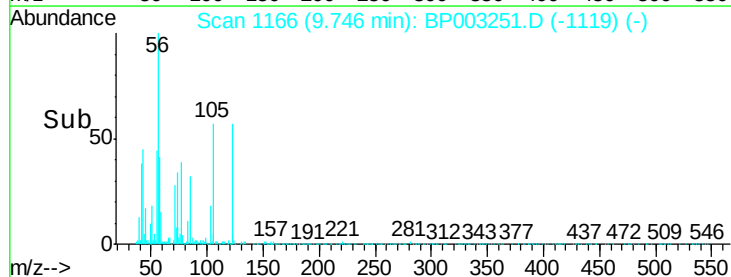
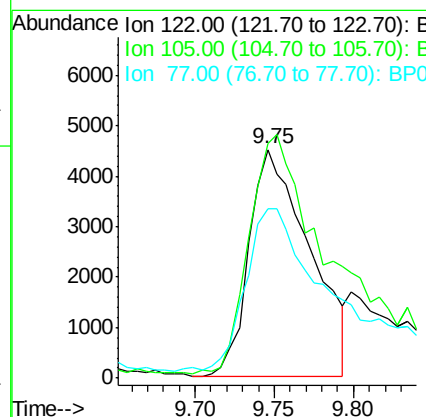
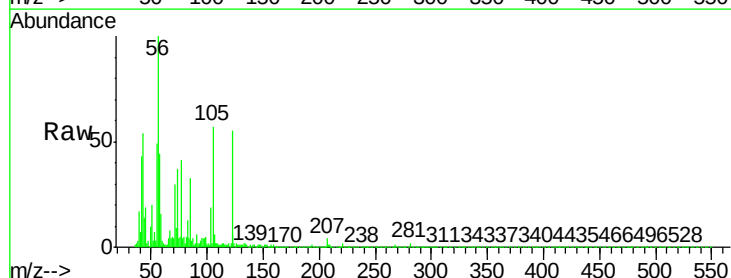
Instrument :
BNA_P
ClientSampleId :
N35868

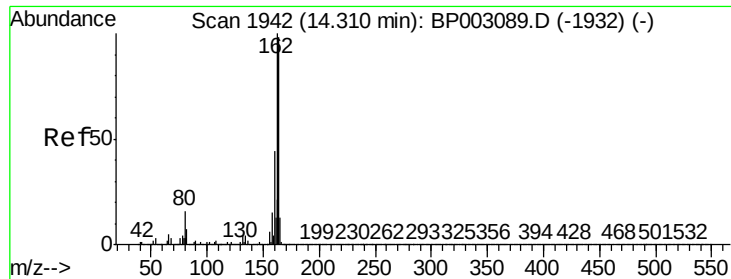
Tot Ion	82	Resp	666026
Ion Ratio	100	Lower	Upper
128	56.9	45.6	68.4
54	38.8	30.1	45.1



#32
Benzoic acid
Concen: 10.528 ng
RT: 9.75 min Scan# 1166
Delta R.T. -0.02 min
Lab File: BP003251.D
Acq: 10 Sep 2020 16:54

Tgt Ion	122	Resp	11951
Ion Ratio	100	Lower	Upper
105	102.9	94.1	134.1
77	73.9	50.1	90.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.29 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BP003251.D

Acq: 10 Sep 2020 16:54

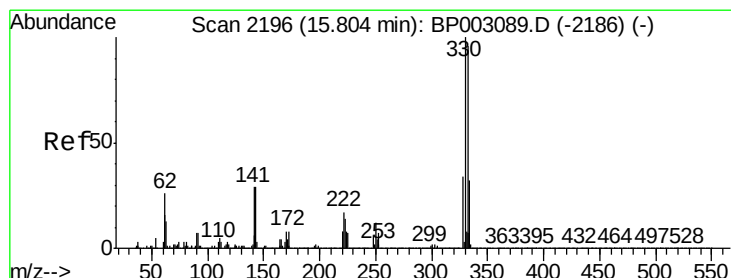
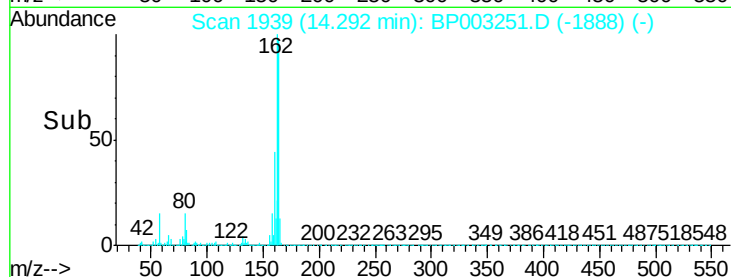
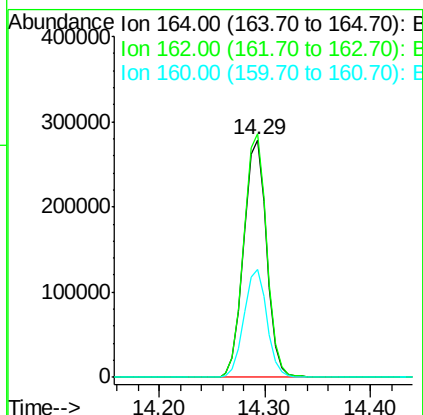
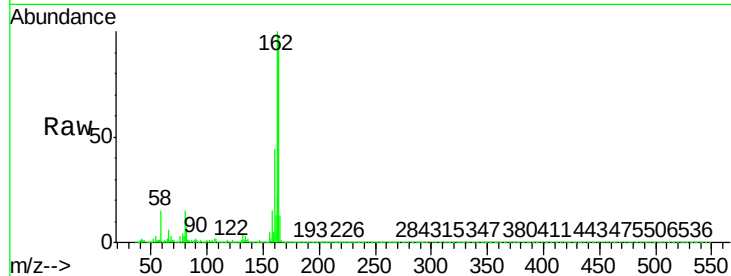
Instrument :

BNA_P

ClientSampleId :

N35868

Tot Ion:164	Resp:	420201
Ion Ratio	Lower	Upper
164	100	
162	102.6	79.4 119.2
160	45.6	36.1 54.1



#42

2,4,6-Tribromophenol

Concen: 74.236 ng

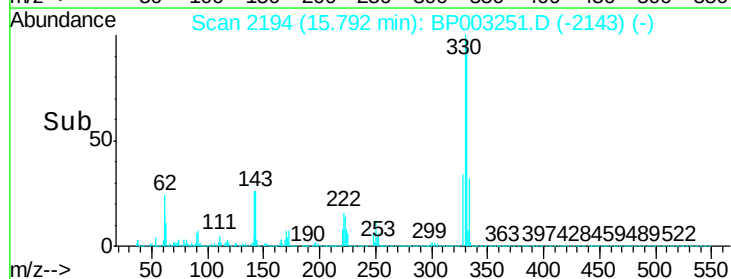
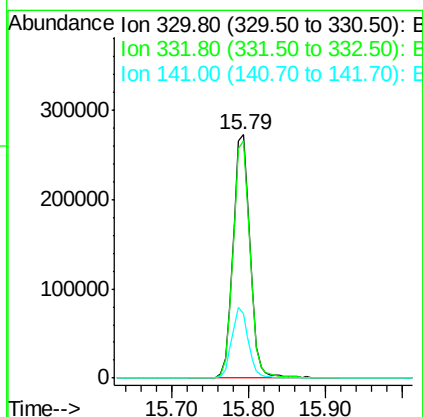
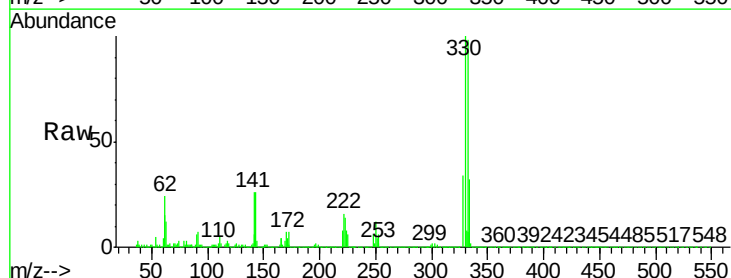
RT: 15.79 min Scan# 2194

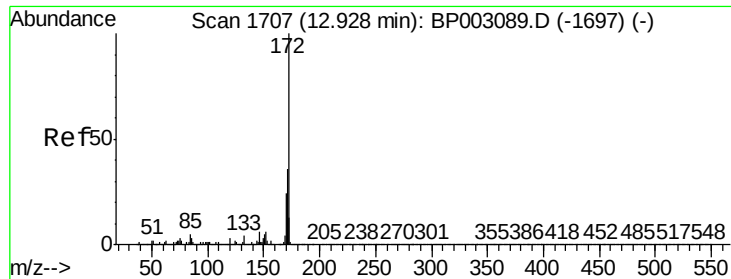
Delta R.T. -0.00 min

Lab File: BP003251.D

Acq: 10 Sep 2020 16:54

Tgt Ion:330	Resp:	421892
Ion Ratio	Lower	Upper
330	100	
332	97.3	77.1 115.7
141	28.3	23.4 35.2

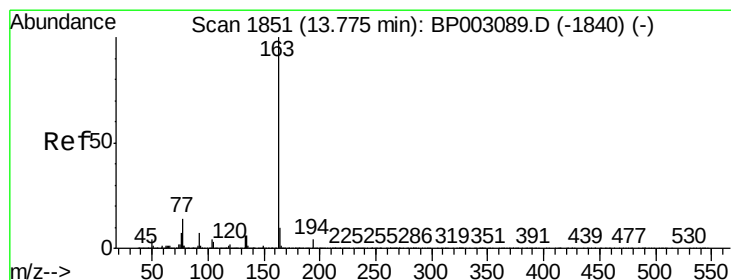
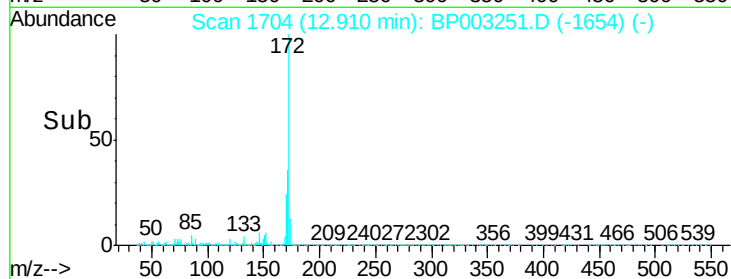
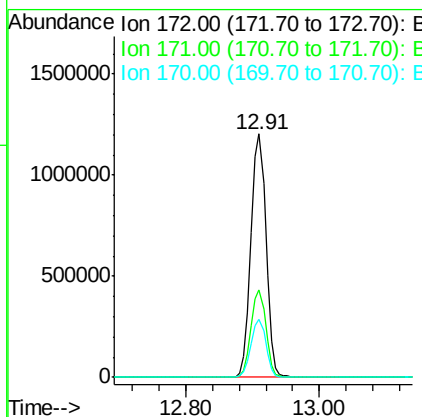
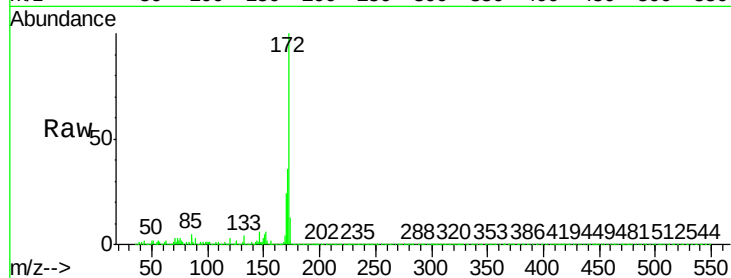




#45
2-Fluorobiphenyl
Concen: 63.965 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003251.D
Acq: 10 Sep 2020 16:54

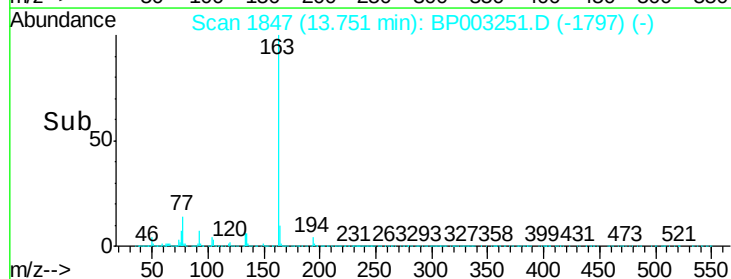
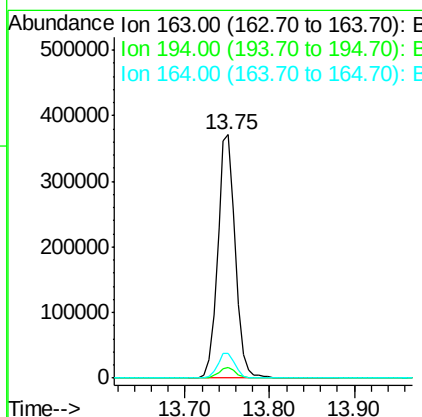
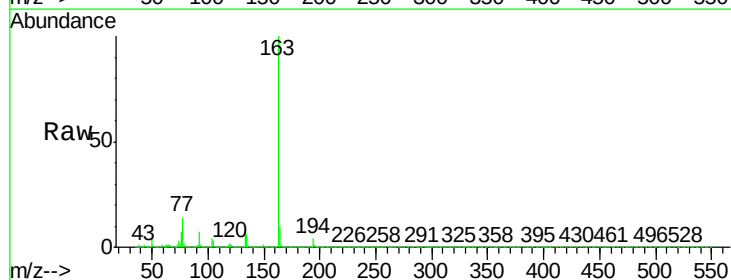
Instrument :
BNA_P
ClientSampleId :
N35868

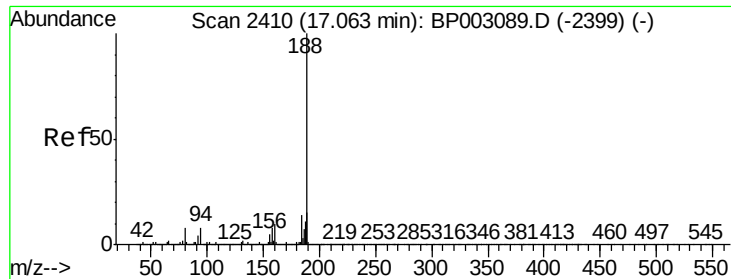
Tot Ion:172 Resp: 1835384
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.7 19.2 28.8



#50
Dimethylphthalate
Concen: 16.836 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP003251.D
Acq: 10 Sep 2020 16:54

Tgt Ion:163 Resp: 539494
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.3 8.2 12.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BP003251.D

Acq: 10 Sep 2020 16:54

Instrument :

BNA_P

ClientSampleId :

N35868

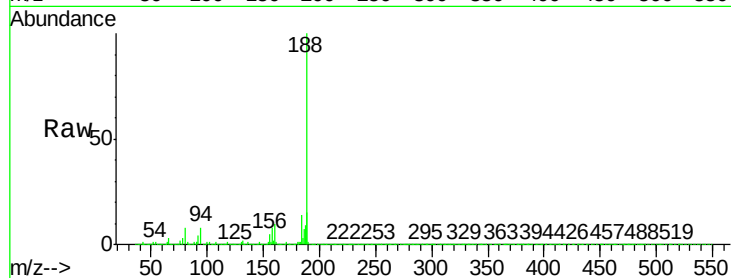
Tot Ion:188 Resp: 908533

Ion Ratio Lower Upper

188 100

94 7.6 6.2 9.2

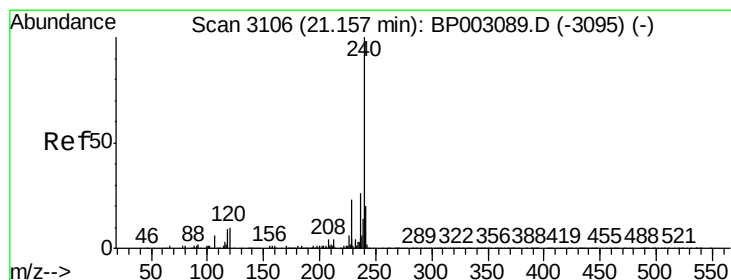
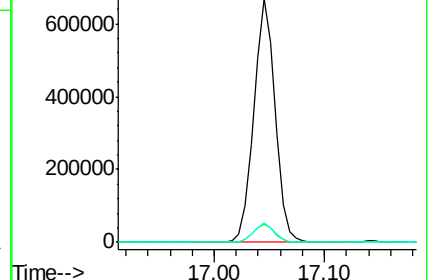
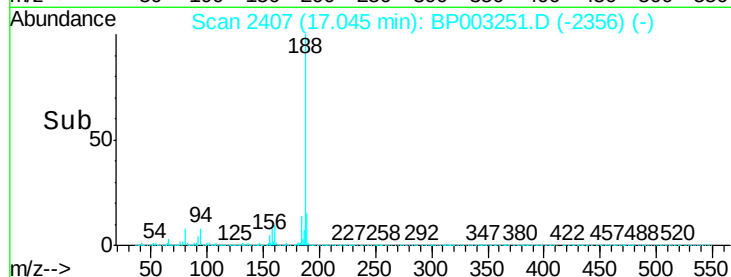
80 7.9 6.2 9.2



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: 21.15 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BP003251.D

Acq: 10 Sep 2020 16:54

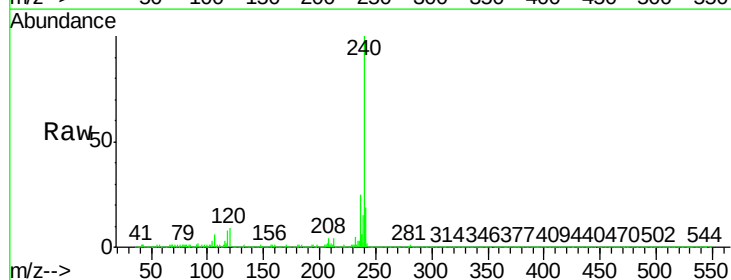
Tgt Ion:240 Resp: 963631

Ion Ratio Lower Upper

240 100

120 8.8 7.8 11.6

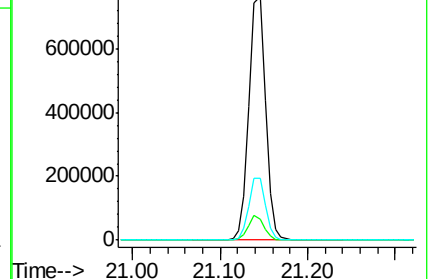
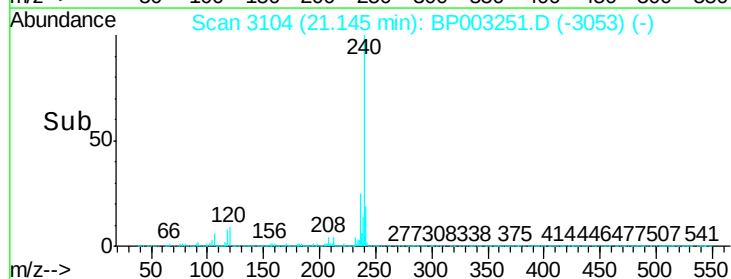
236 25.4 20.8 31.2

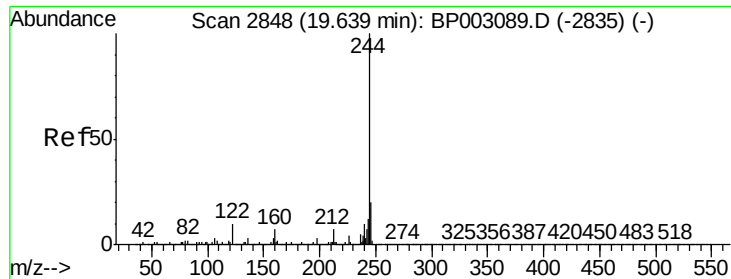


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.038 ng

RT: 19.62 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BP003251.D

Acq: 10 Sep 2020 16:54

Instrument :

BNA_P

ClientSampleId :

N35868

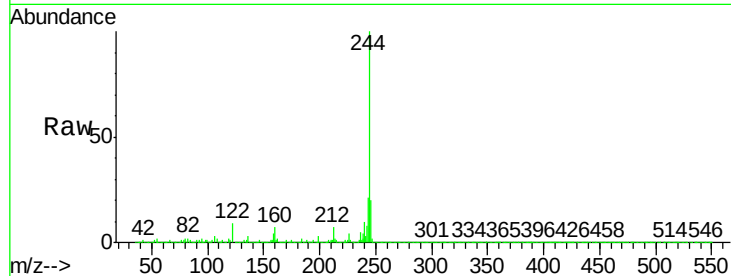
Tot Ion:244 Resp: 2892018

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

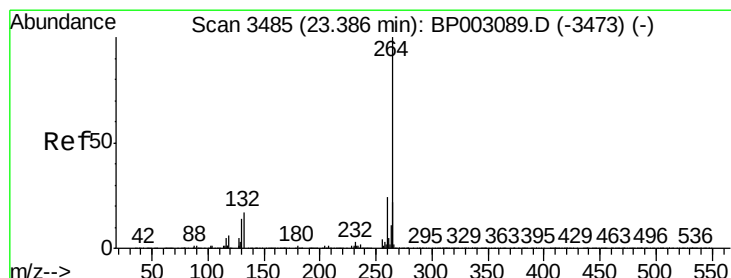
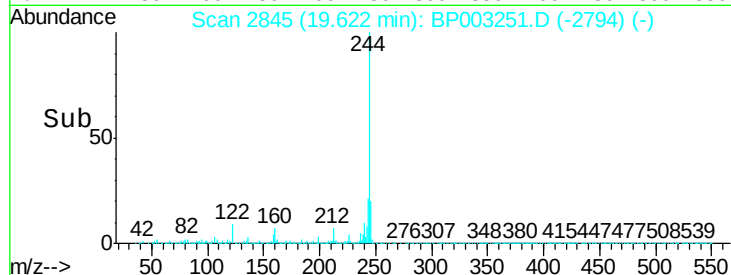
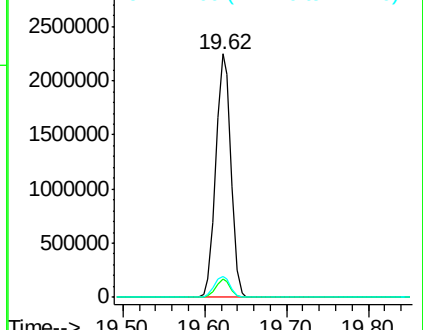
122 8.8 7.8 11.8



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: 23.38 min Scan# 3484

Delta R.T. 0.01 min

Lab File: BP003251.D

Acq: 10 Sep 2020 16:54

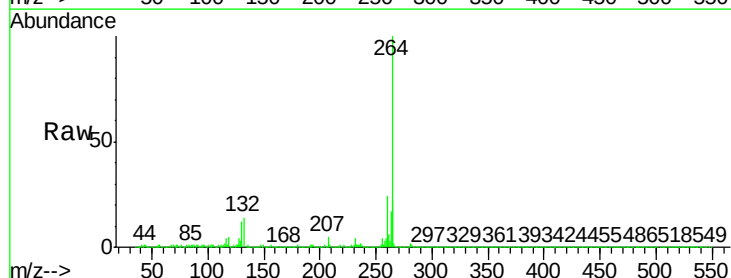
Tgt Ion:264 Resp: 1043448

Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.9 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

