

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 17:39:27 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

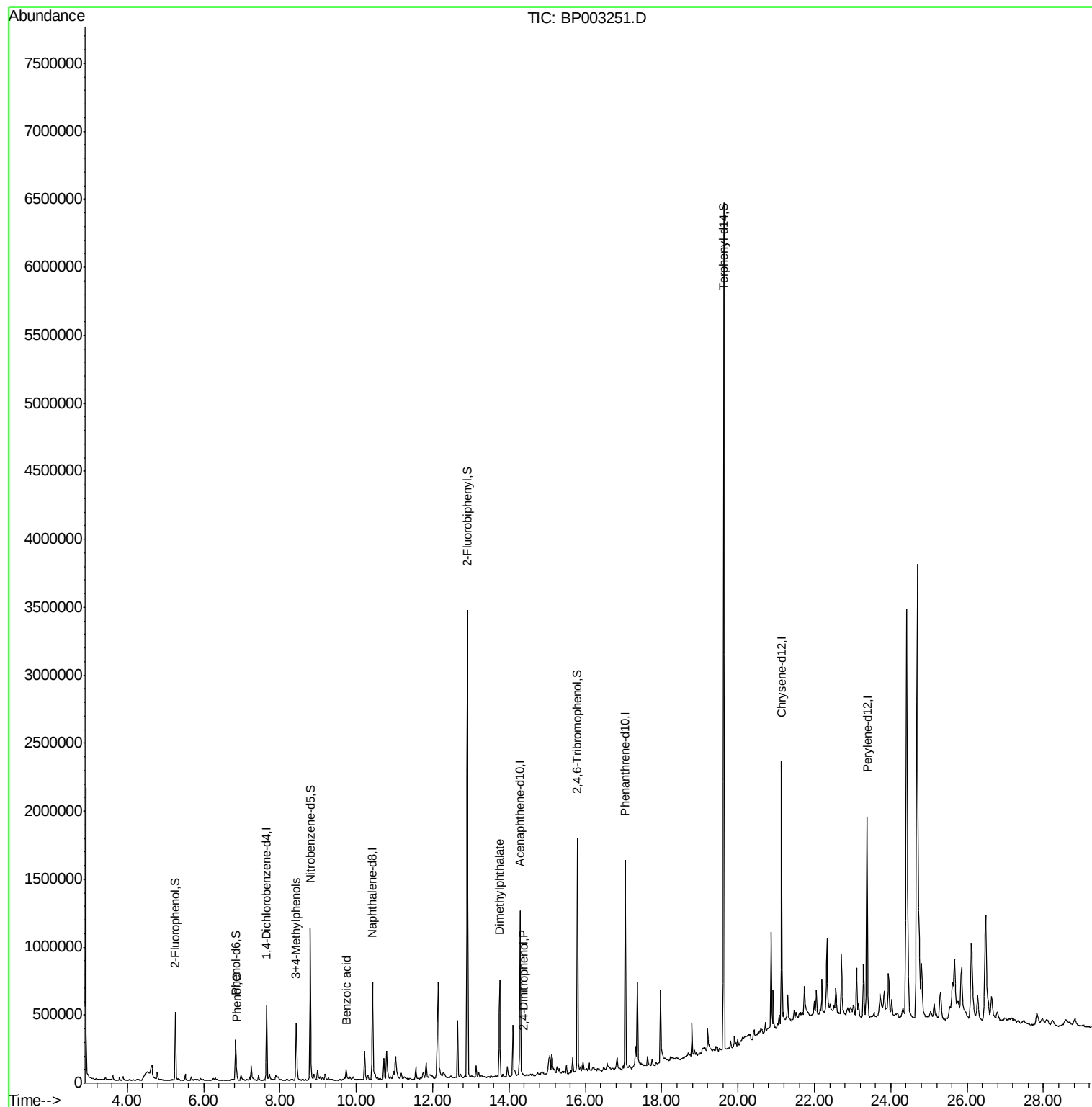
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	165553	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	671691	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	420201	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	908533	20.00	ng	0.00
76) Chrysene-d12	21.15	240	963631	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
54) 2,4-Dinitrophenol	14.39	184	97	7.779	ng	# 1

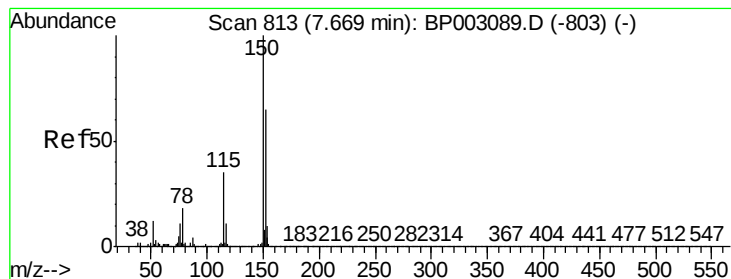
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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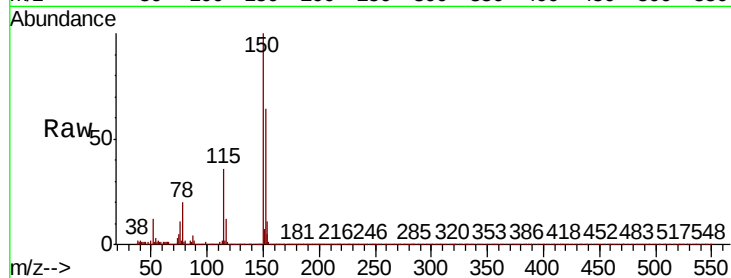


#1

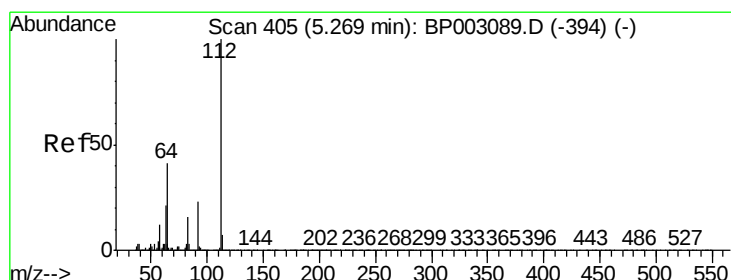
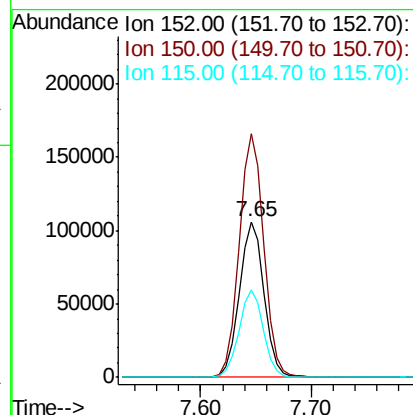
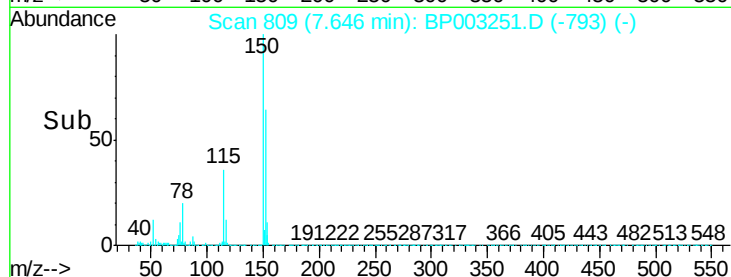
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 809
Delta R.T. -0.01 min
Lab File: BP003251.D
Acq: 10 Sep 2020 16:54

Instrument :
BNA_P
ClientSampled :
N35868

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



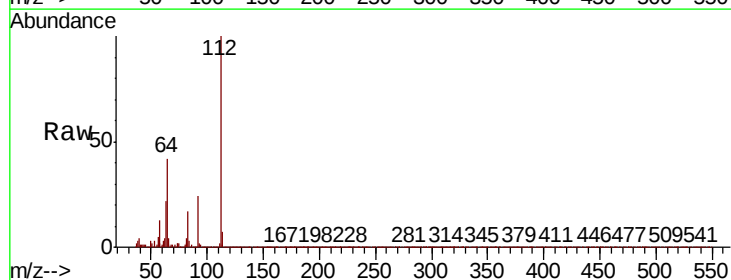
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



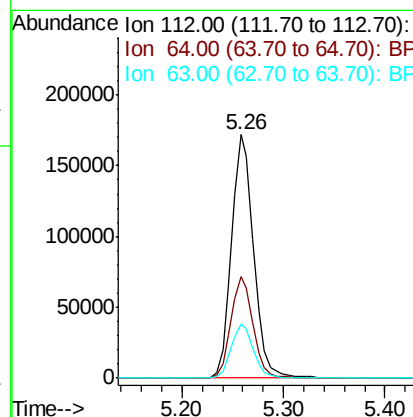
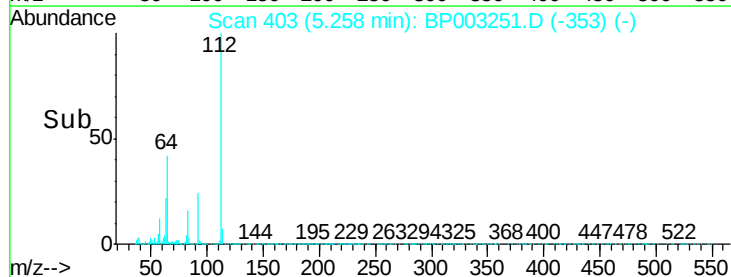
#5

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

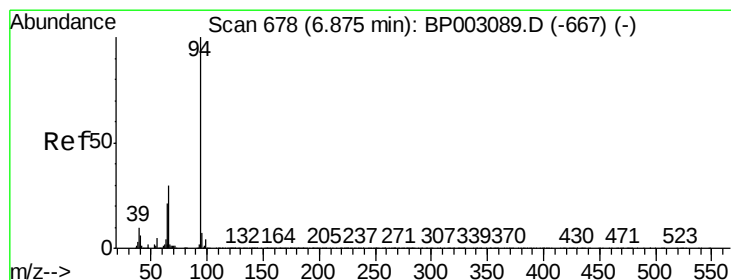
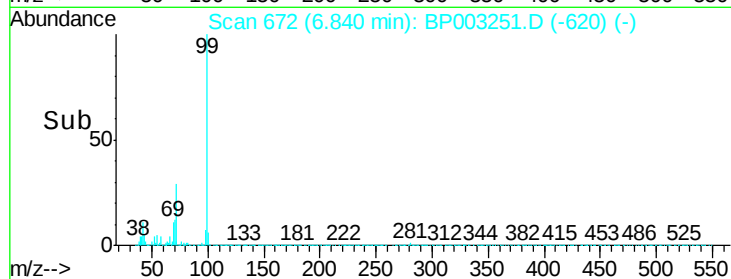
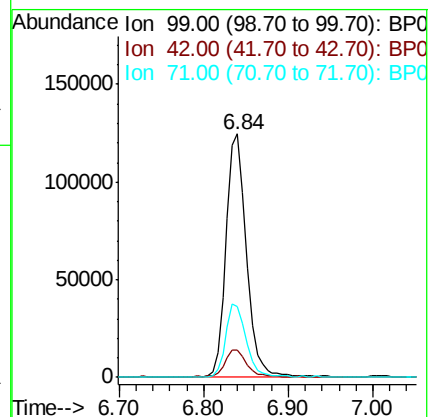
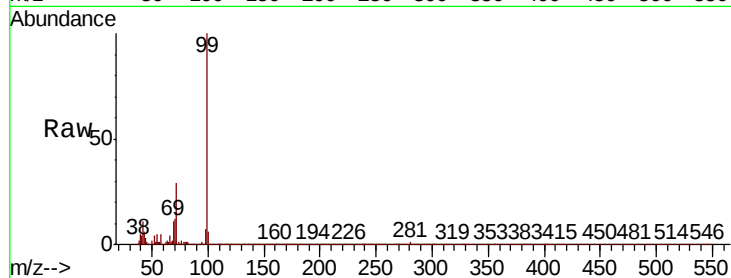
Tot Ion: 99 Resp: 209953

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

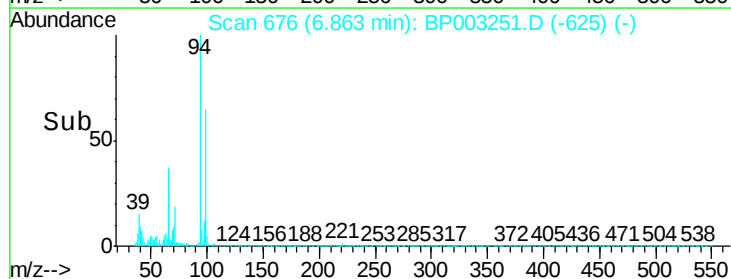
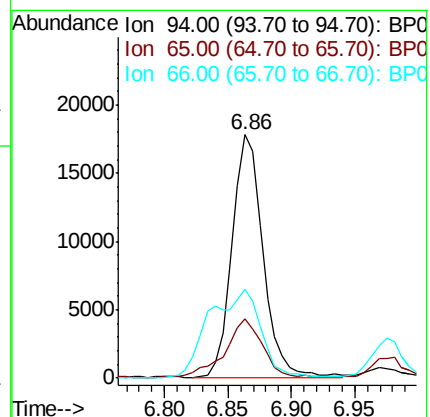
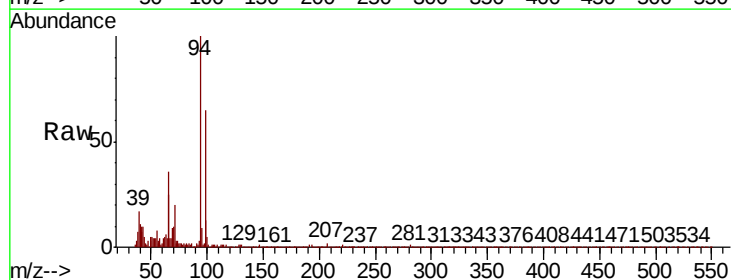
Tgt Ion: 94 Resp: 29840

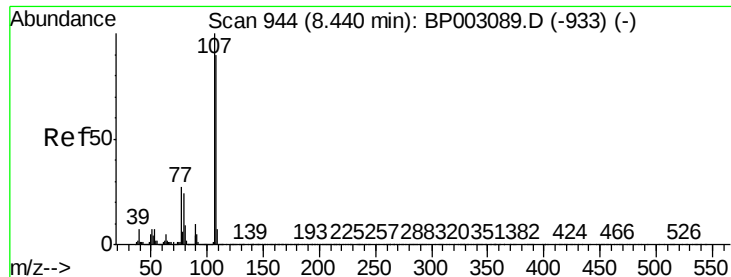
Ion Ratio Lower Upper

94 100

65 24.5 2.3 42.3

66 36.4 10.9 50.9

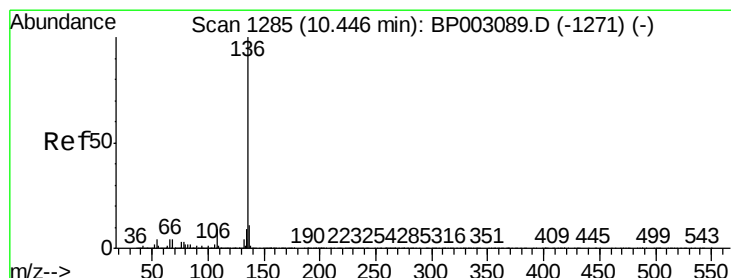
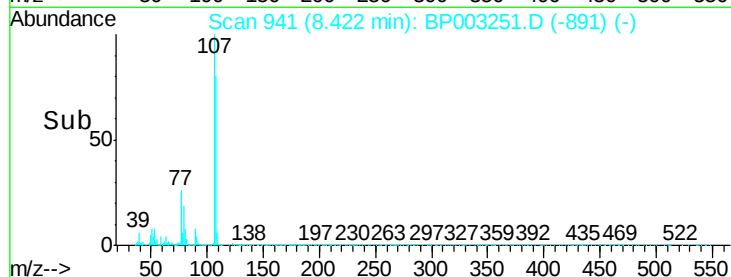
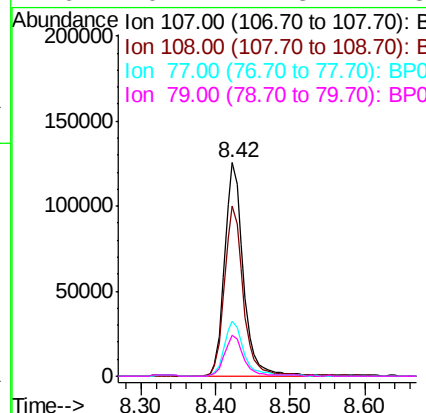
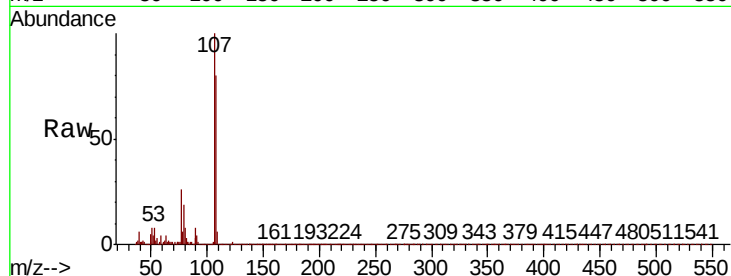




#20
3+4-Methylphenols
Concen: 21.003 ng
RT: 8.42 min Scan# 941
Delta R.T. -0.01 min
Lab File: BP003251.D
Acq: 10 Sep 2020 16:54

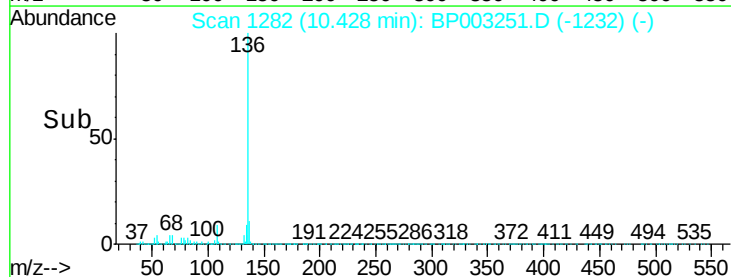
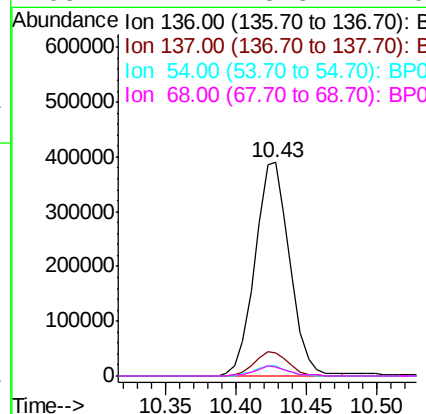
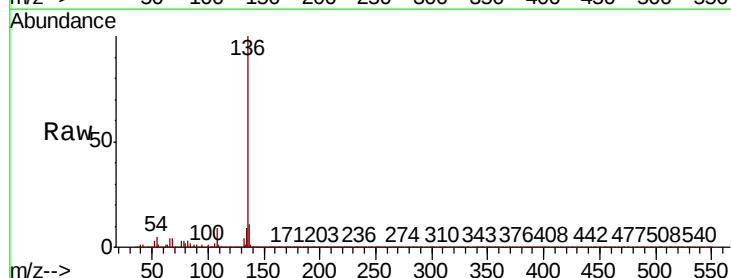
Instrument :
BNA_P
ClientSampleId :
N35868

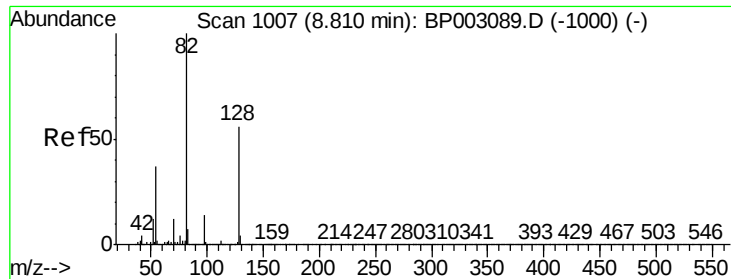
Tot Ion:	107	Resp:	219300
Ion	Ratio	Lower	Upper
107	100		
108	80.0	69.0	109.0
77	25.6	8.5	48.5
79	19.4	4.8	44.8



#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

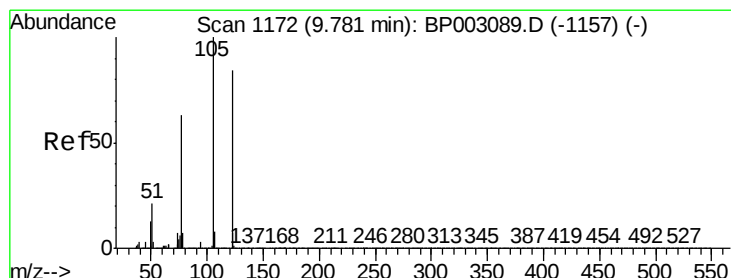
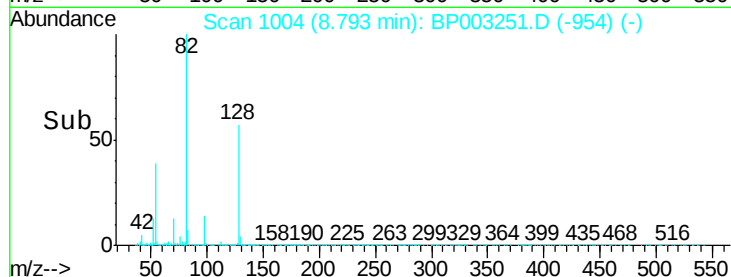
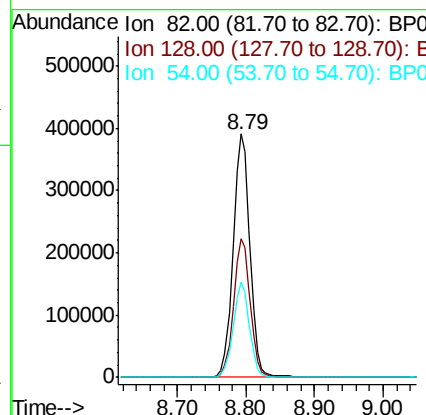
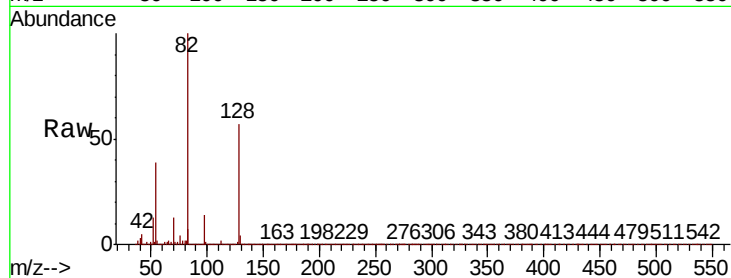




#23
Nitrobenzene-d5
Concen: 71.483 ng
RT: 8.79 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP003251.D
Acq: 10 Sep 2020 16:54

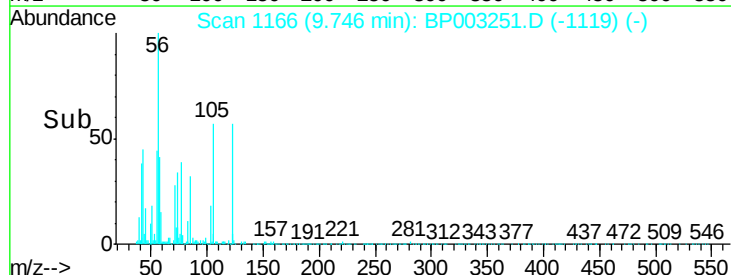
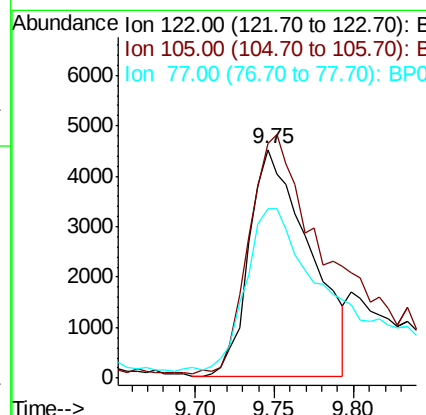
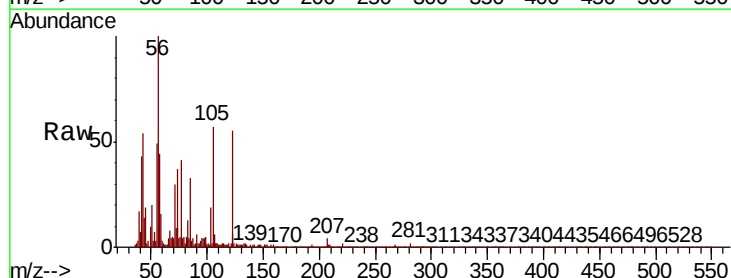
Instrument :
BNA_P
ClientSampled :
N35868

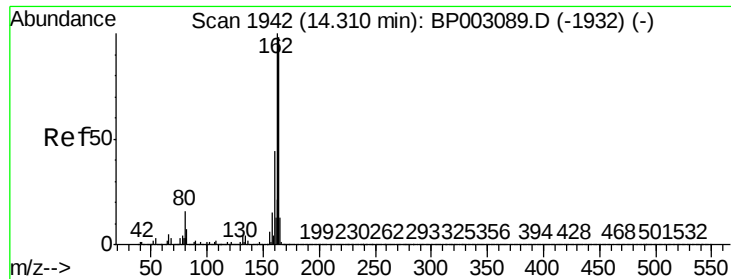
Tot Ion	82	Resp	666026
Ion Ratio	100	Lower	Upper
128	56.9	45.6	68.4
54	38.8	30.1	45.1



#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

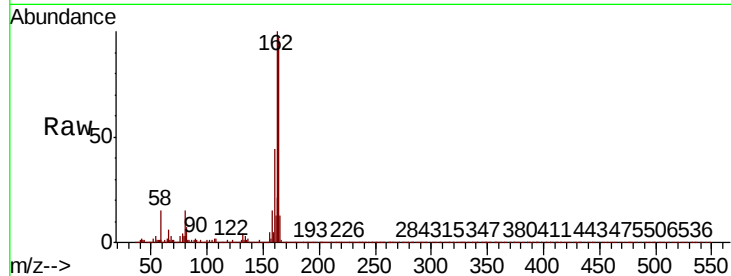
Tot Ion:164 Resp: 420201

Ion Ratio Lower Upper

164 100

162 102.6 79.4 119.2

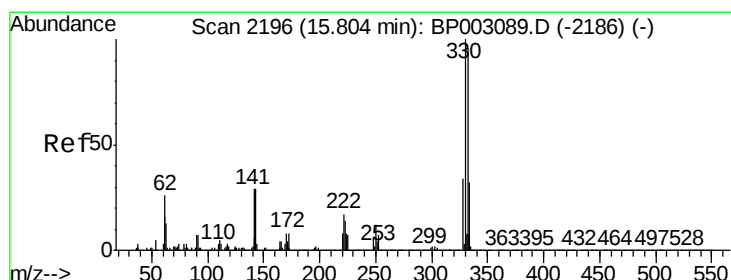
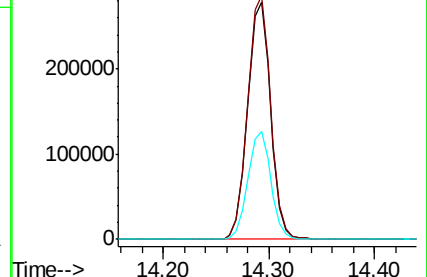
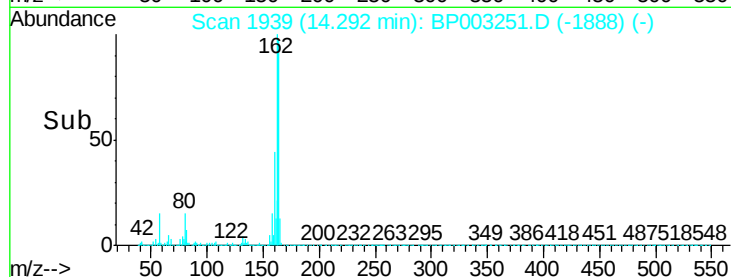
160 45.6 36.1 54.1



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: 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

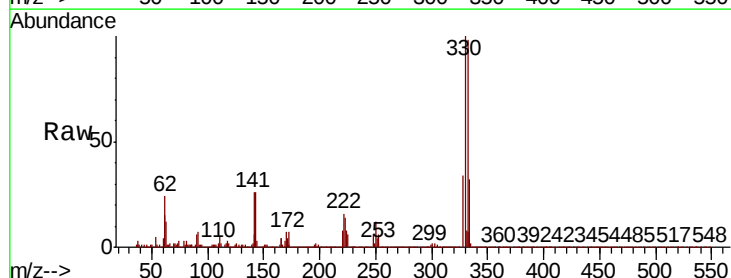
Tgt Ion:330 Resp: 421892

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

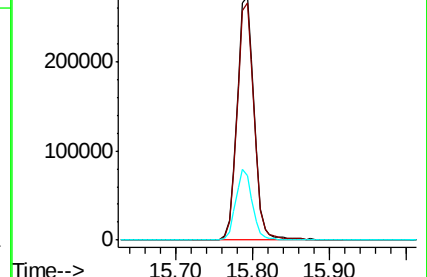
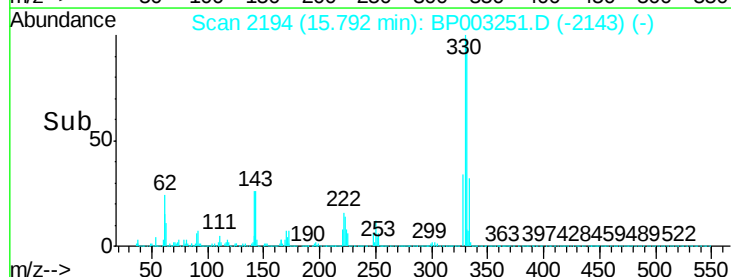
141 28.3 23.4 35.2

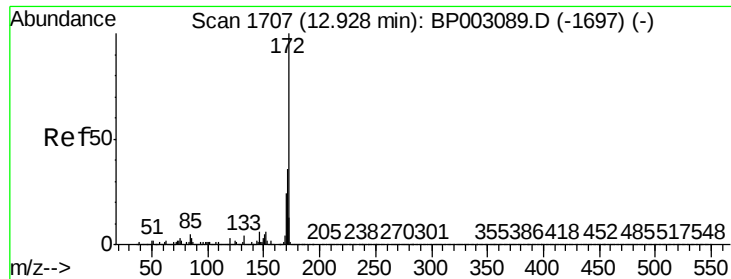


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

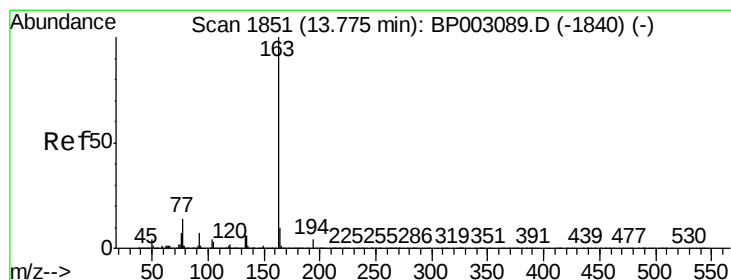
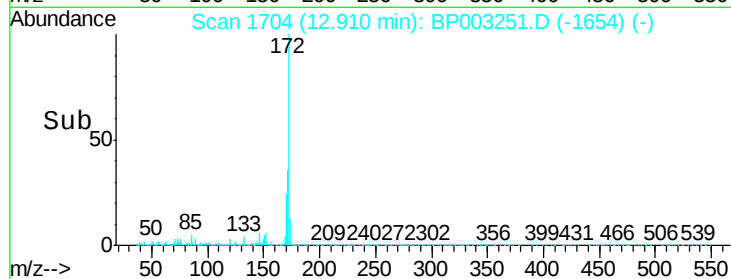
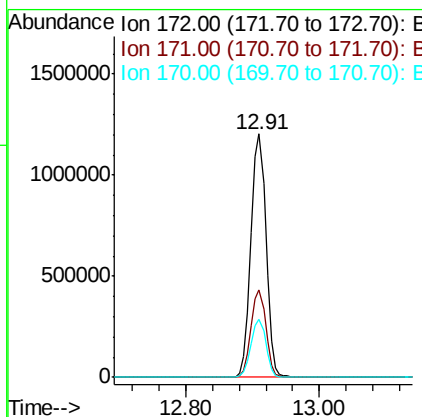
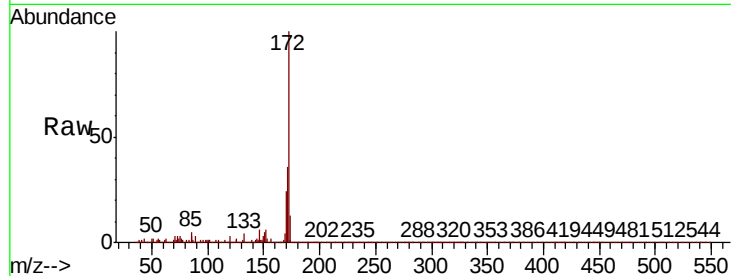




#45
2-Fluorobiphenyl
Concen: 63.965 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003251.D
Acq: 10 Sep 2020 16:54

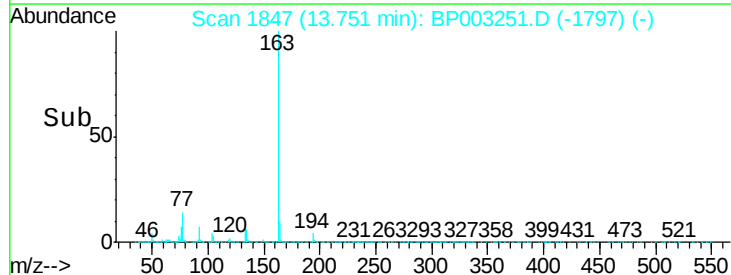
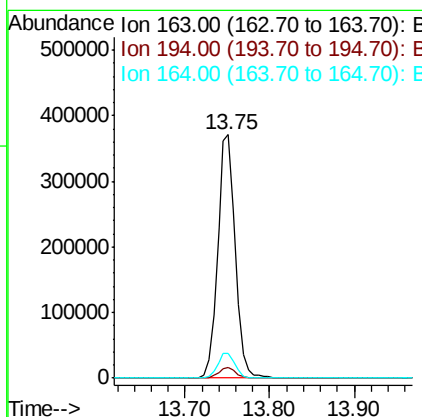
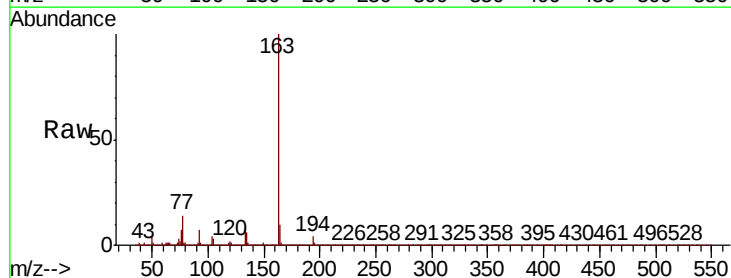
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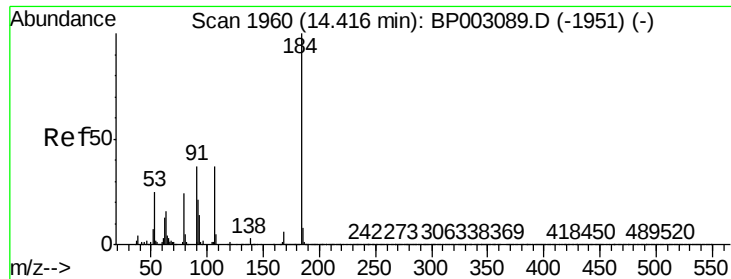
Tot Ion:172 Resp: 1835384
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.7 19.2 28.8



#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

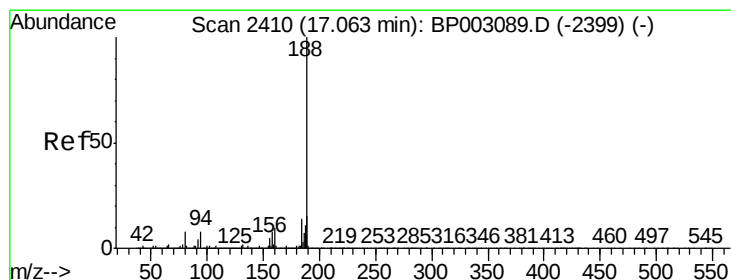
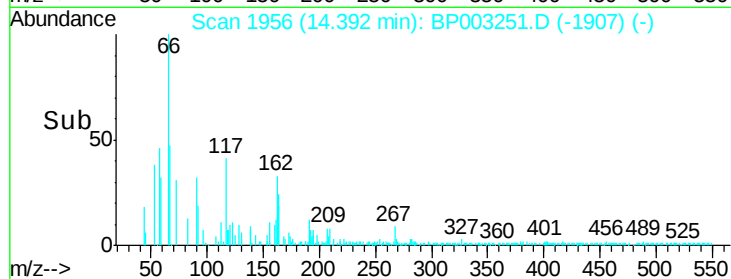
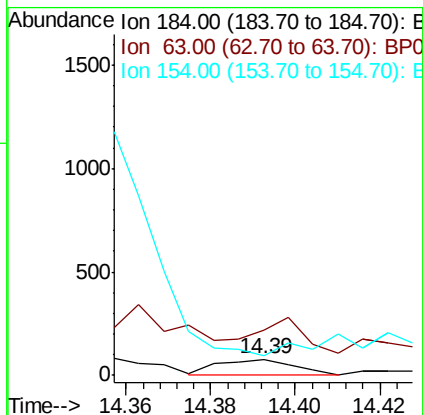
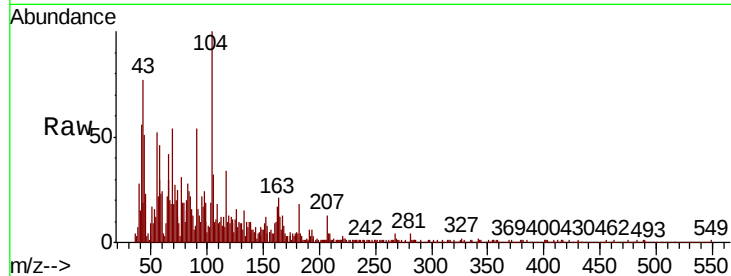




#54
2,4-Dinitrophenol
Concen: 7.779 ng
RT: 14.39 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BP003251.D
Acq: 10 Sep 2020 16:54

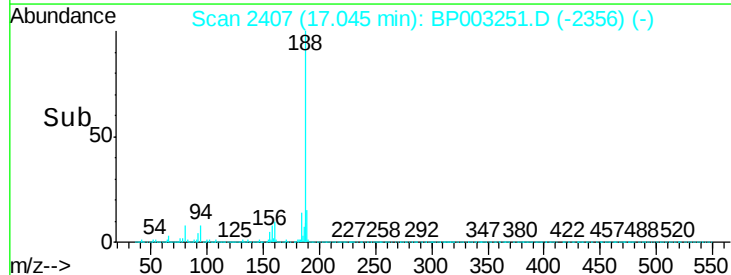
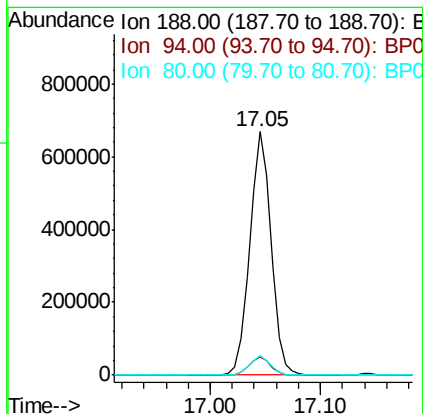
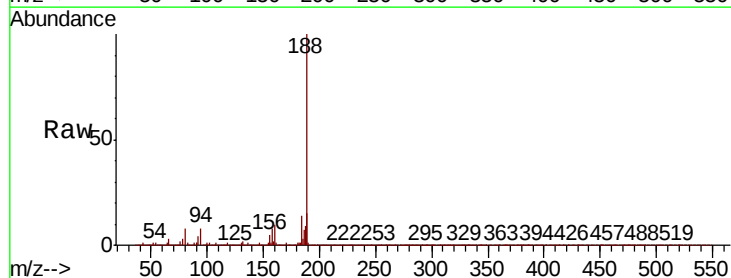
Instrument :
BNA_P
ClientSampleId :
N35868

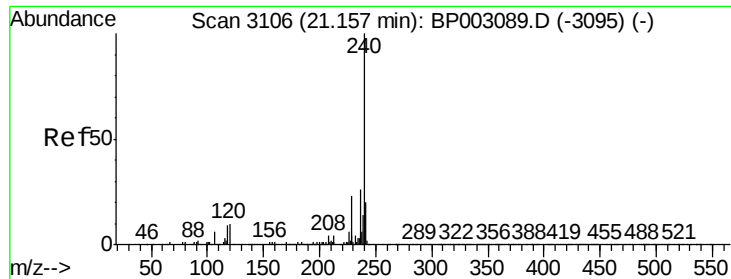
Tot Ion:184 Resp: 97
Ion Ratio Lower Upper
184 100
63 274.7 32.3 48.5#
154 121.5 49.1 73.7#



#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

Tgt Ion:188 Resp: 908533
Ion Ratio Lower Upper
188 100
94 7.6 6.2 9.2
80 7.9 6.2 9.2

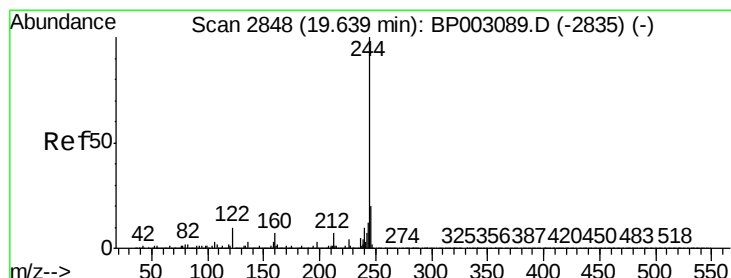
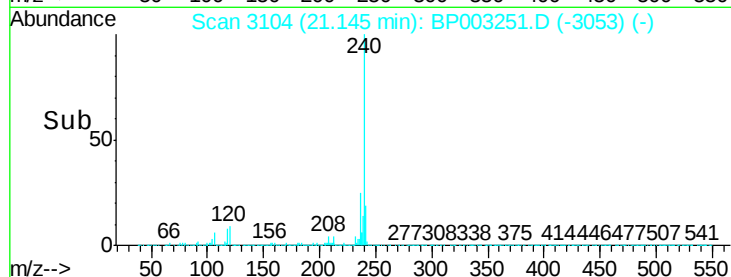
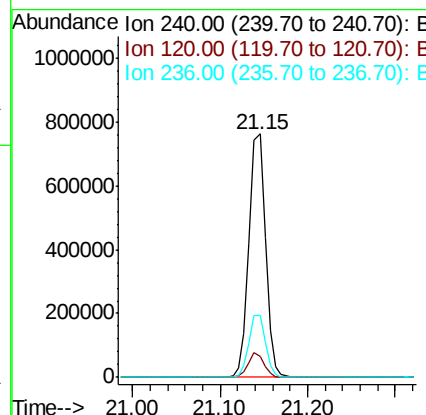
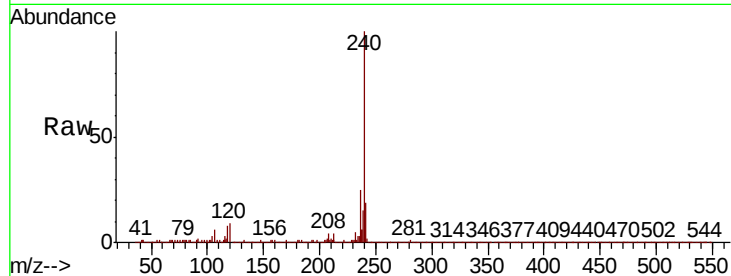




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.15 min Scan# 3104
 Delta R.T. -0.00 min
 Lab File: BP003251.D
 Acq: 10 Sep 2020 16:54

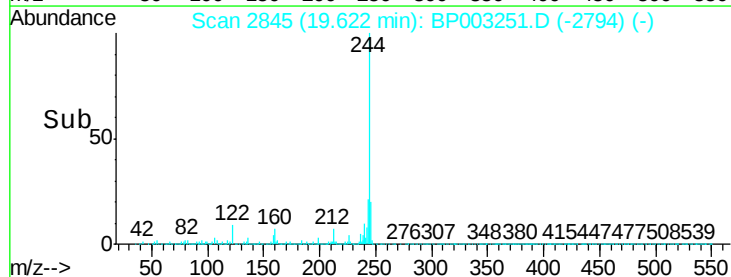
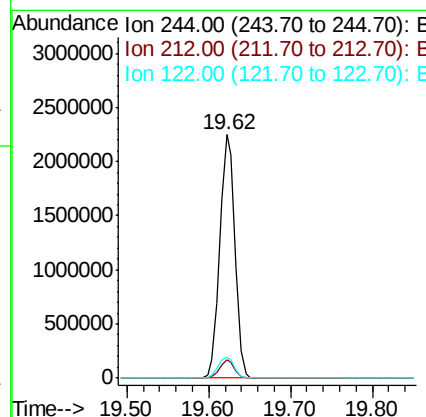
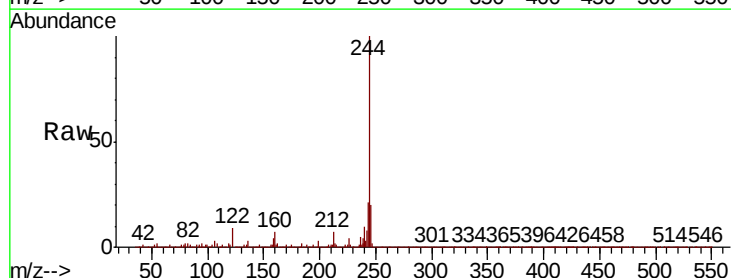
Instrument :
 BNA_P
 ClientSampleId :
 N35868

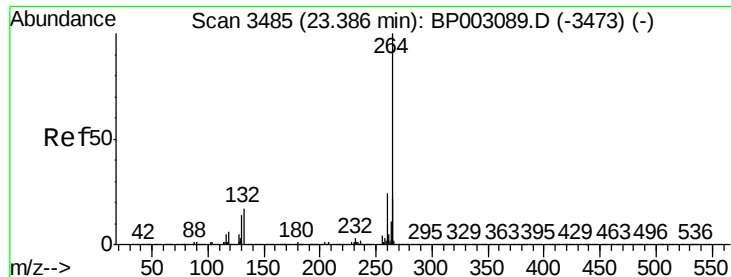
Tot Ion:240 Resp: 963631
 Ion Ratio Lower Upper
 240 100
 120 8.8 7.8 11.6
 236 25.4 20.8 31.2



#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

Tgt Ion:244 Resp: 2892018
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.6
 122 8.8 7.8 11.8

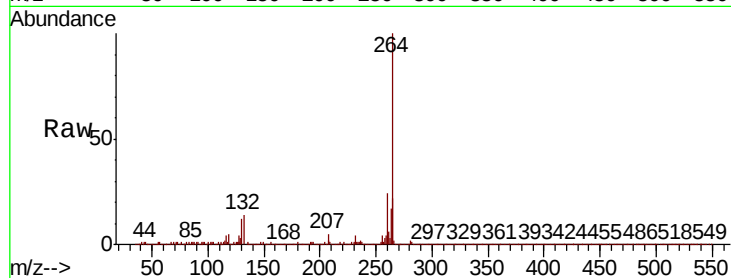




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.38 min Scan# 3484
 Delta R.T. 0.01 min
 Lab File: BP003251.D
 Acq: 10 Sep 2020 16:54

Instrument :
 BNA_P
 ClientSampleId :
 N35868

Tot 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

