

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090420\
 Data File : BP003205.D
 Acq On : 04 Sep 2020 11:27
 Operator : CG/JU
 Sample : L3888-10
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 9-2-TP-3

Quant Time: Sep 04 12:58:45 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

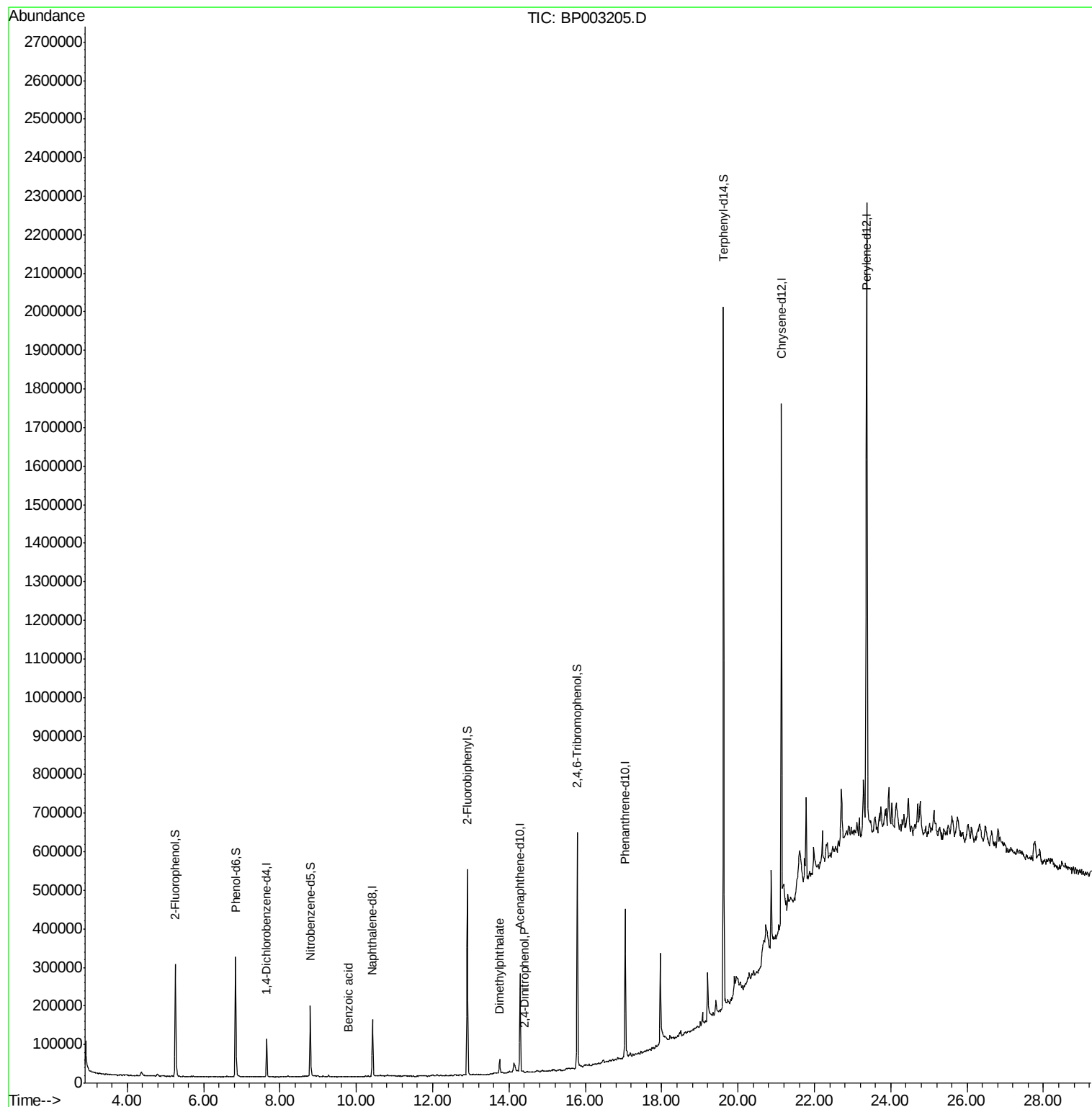
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	31173	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	135692	20.00	ng	0.00
39) Acenaphthene-d10	14.29	164	91896	20.00	ng	0.00
64) Phenanthrene-d10	17.04	188	251776	20.00	ng	0.00
76) Chrysene-d12	21.14	240	663942	20.00	ng	0.00
86) Perylene-d12	23.37	264	1149427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	169507	96.14	ng	0.00
7) Phenol-d6	6.83	99	217680	98.49	ng	0.00
23) Nitrobenzene-d5	8.79	82	110620	58.77	ng	0.00
42) 2,4,6-Tribromophenol	15.79	330	135461	108.99	ng	0.00
45) 2-Fluorobiphenyl	12.91	172	295906	47.16	ng	0.00
79) Terphenyl-d14	19.62	244	796899	26.41	ng	0.00
Target Compounds						
32) Benzoic acid	9.77	122	139	9.085	ng	# 29
50) Dimethylphthalate	13.75	163	26834	3.829	ng	# 98
54) 2,4-Dinitrophenol	14.40	184	32	7.791	ng	# 1

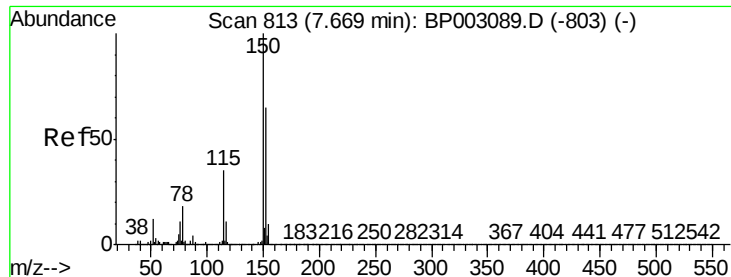
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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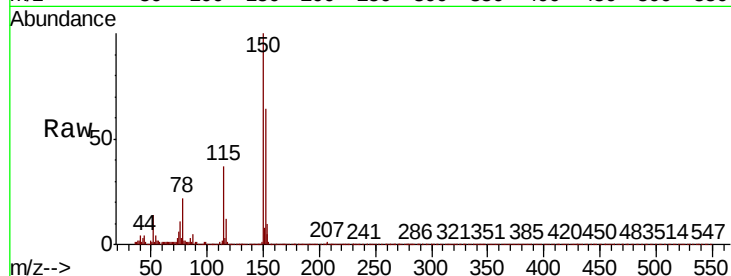


#1

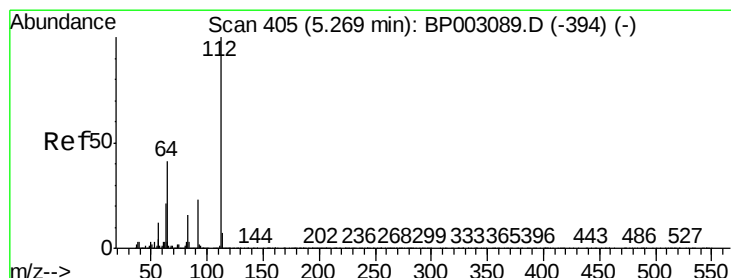
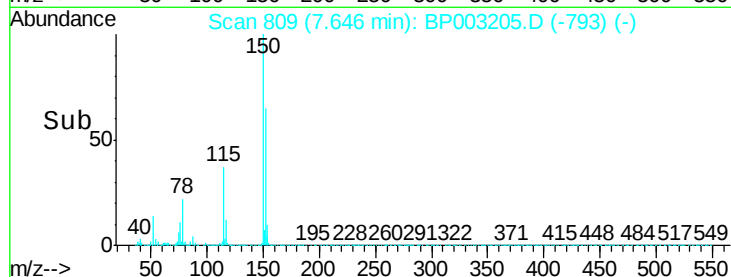
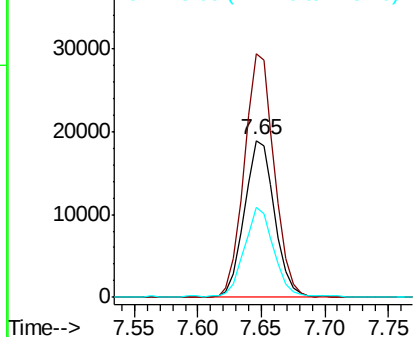
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 809
Delta R.T. -0.01 min
Lab File: BP003205.D
Acq: 04 Sep 2020 11:27

Instrument :
BNA_P
ClientSampleId :
9-2-TP-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	123.8	185.6
115	57.4	43.8	65.6



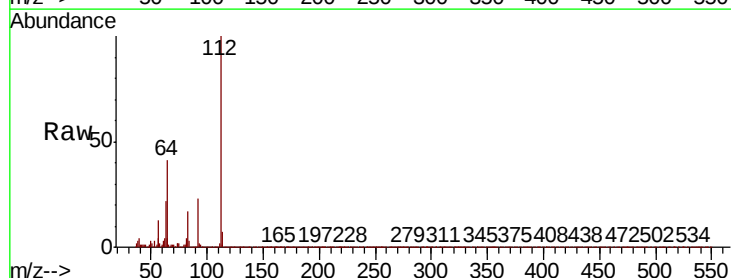
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



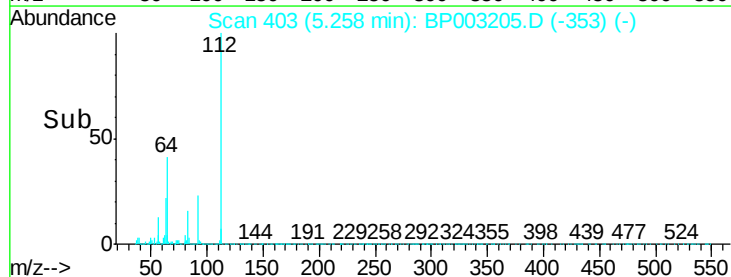
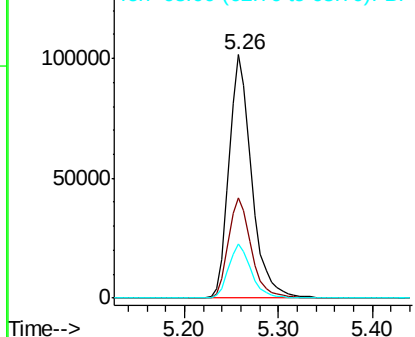
#5

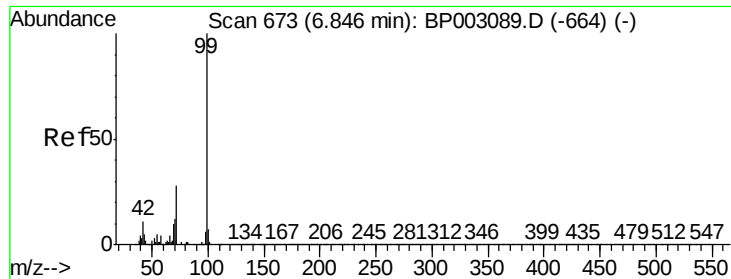
2-Fluorophenol
Concen: 96.139 ng
RT: 5.26 min Scan# 403
Delta R.T. -0.01 min
Lab File: BP003205.D
Acq: 04 Sep 2020 11:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.4	32.8	49.2
63	22.0	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: 98.487 ng

RT: 6.83 min Scan# 671

Delta R.T. -0.00 min

Lab File: BP003205.D

Acq: 04 Sep 2020 11:27

Instrument :

BNA_P

ClientSampleId :

9-2-TP-3

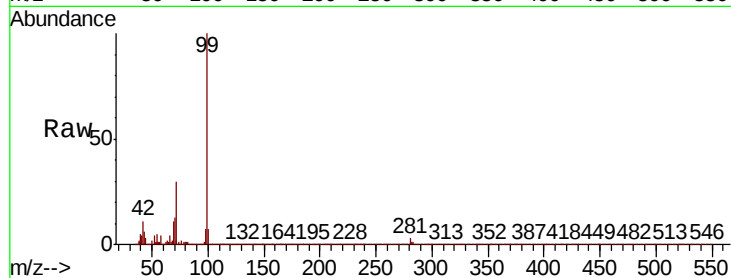
Tot Ion: 99 Resp: 217680

Ion Ratio Lower Upper

99 100

42 11.4 8.6 13.0

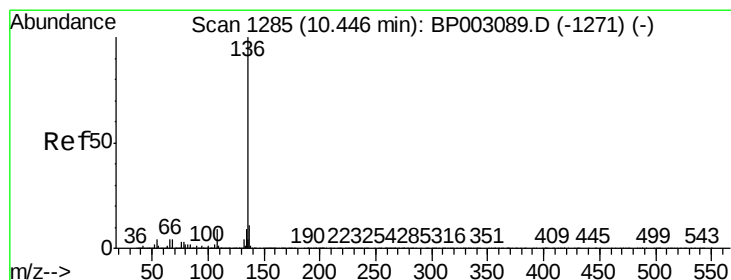
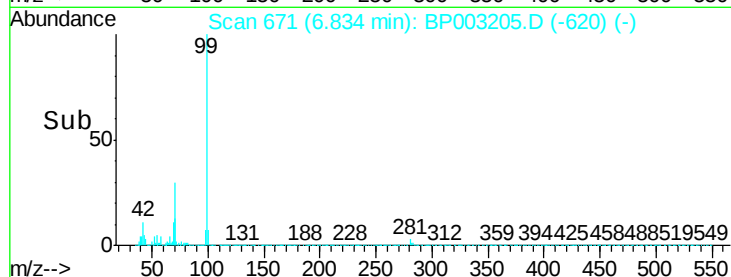
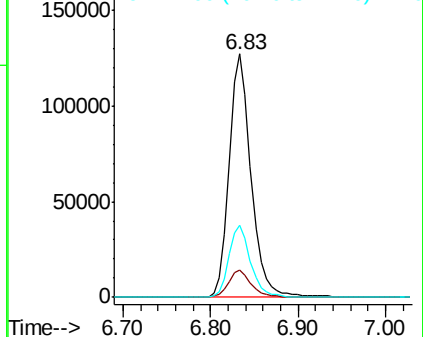
71 29.6 23.4 35.2



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: 10.43 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BP003205.D

Acq: 04 Sep 2020 11:27

Tgt Ion: 136 Resp: 135692

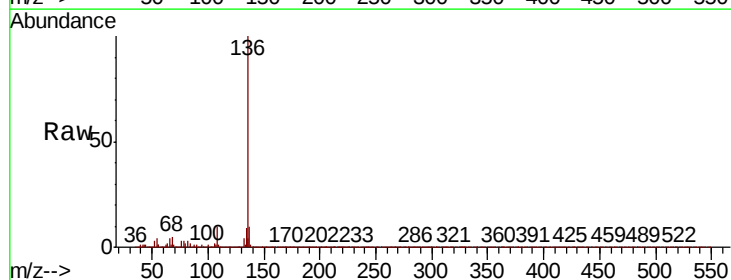
Ion Ratio Lower Upper

136 100

137 10.2 8.6 13.0

54 4.4 3.6 5.4

68 5.1 3.3 4.9#

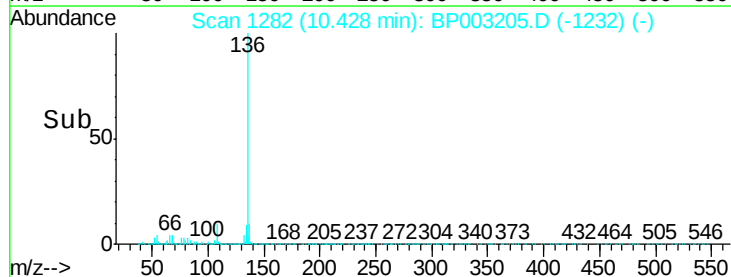
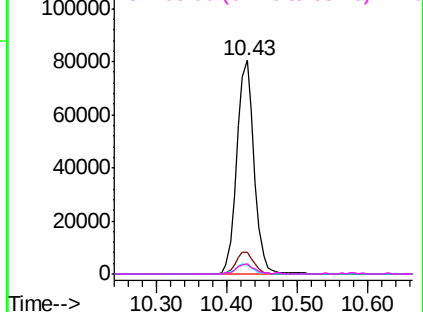


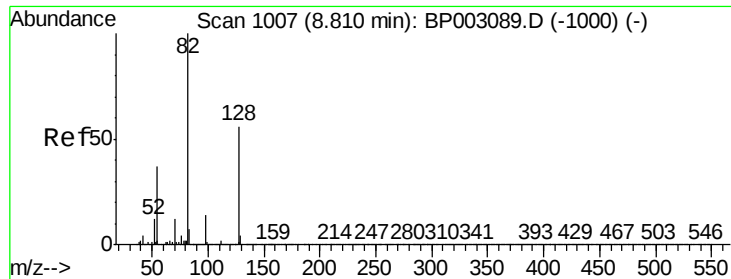
Abundance Ion 136.00 (135.70 to 136.70): E

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

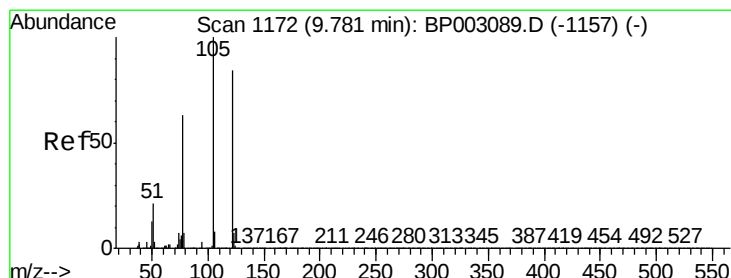
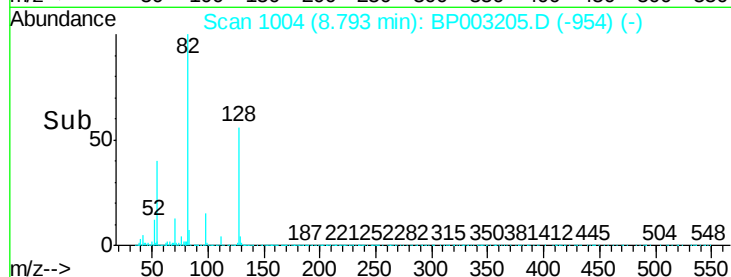
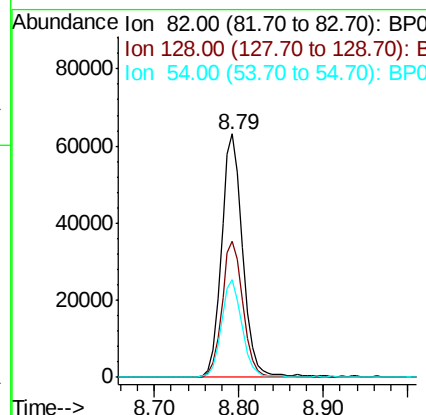
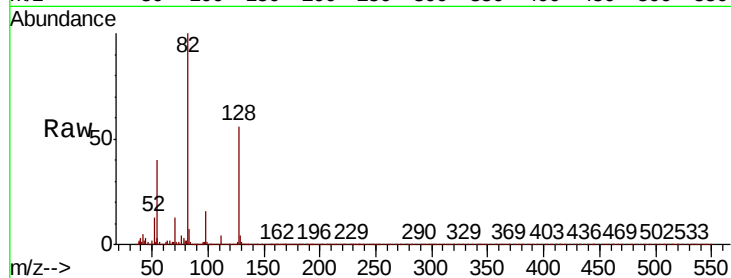




#23
Nitrobenzene-d5
Concen: 58.770 ng
RT: 8.79 min Scan# 1004
Delta R.T. -0.01 min
Lab File: BP003205.D
Acq: 04 Sep 2020 11:27

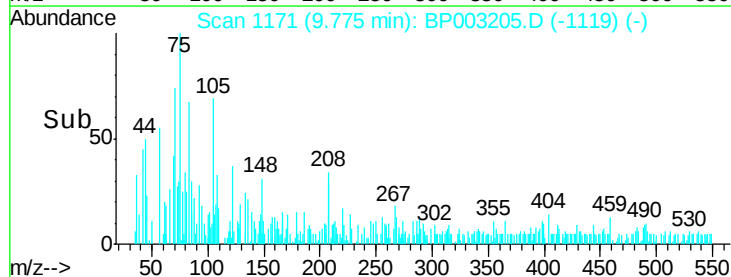
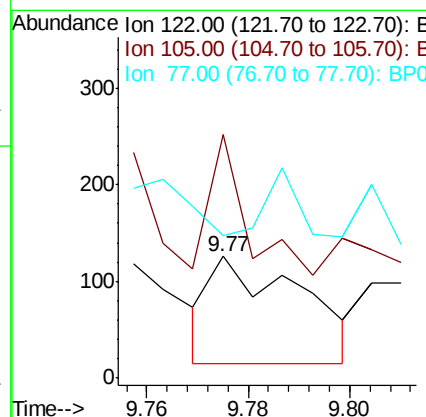
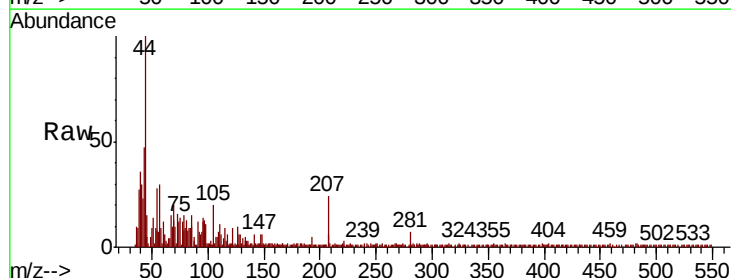
Instrument :
BNA_P
ClientSampleId :
9-2-TP-3

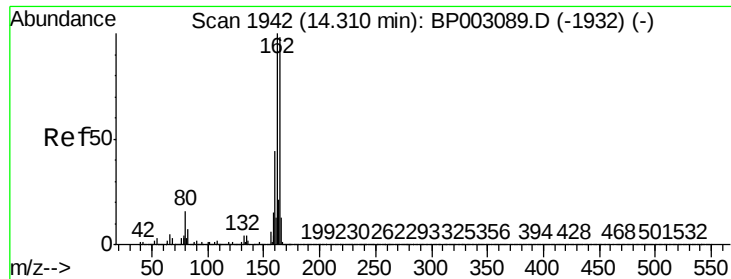
Tot Ion	82	Resp	110620
Ion Ratio	Lower	Upper	
82	100		
128	55.8	45.6	68.4
54	39.9	30.1	45.1



#32
Benzoic acid
Concen: 9.085 ng
RT: 9.77 min Scan# 1171
Delta R.T. 0.01 min
Lab File: BP003205.D
Acq: 04 Sep 2020 11:27

Tgt Ion	122	Resp	139
Ion Ratio	Lower	Upper	
122	100		
105	200.0	94.1	134.1#
77	116.7	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: BP003205.D

Acq: 04 Sep 2020 11:27

Instrument :

BNA_P

ClientSampleId :

9-2-TP-3

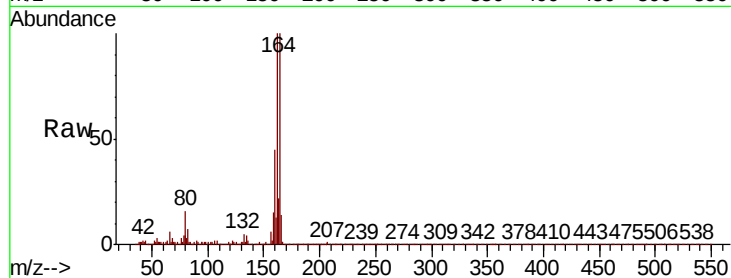
Tot Ion:164 Resp: 91896

Ion Ratio Lower Upper

164 100

162 100.0 79.4 119.2

160 45.4 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

80000

60000

40000

20000

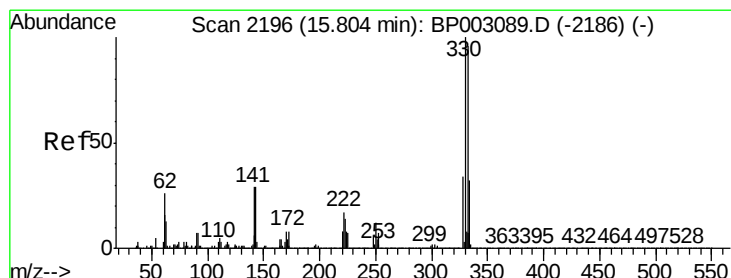
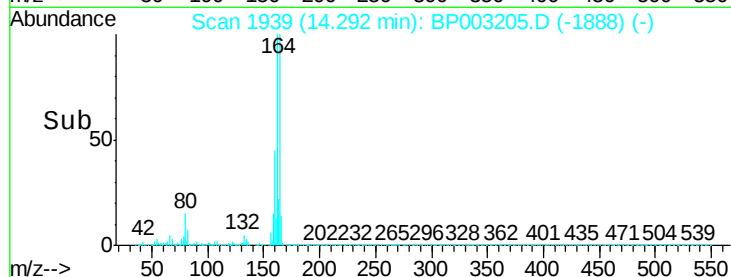
0

14.29

14.30

14.40

Time-->



#42

2,4,6-Tribromophenol

Concen: 108.990 ng

RT: 15.79 min Scan# 2193

Delta R.T. -0.01 min

Lab File: BP003205.D

Acq: 04 Sep 2020 11:27

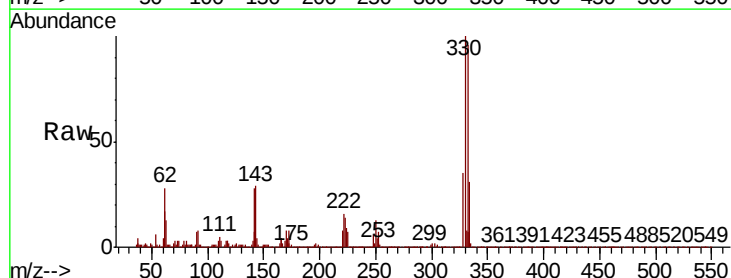
Tgt Ion:330 Resp: 135461

Ion Ratio Lower Upper

330 100

332 96.3 77.1 115.7

141 29.8 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

120000

100000

80000

60000

40000

20000

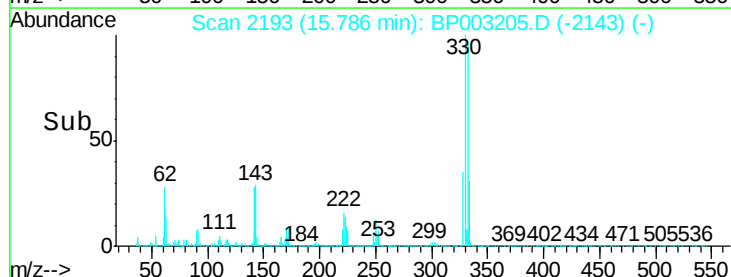
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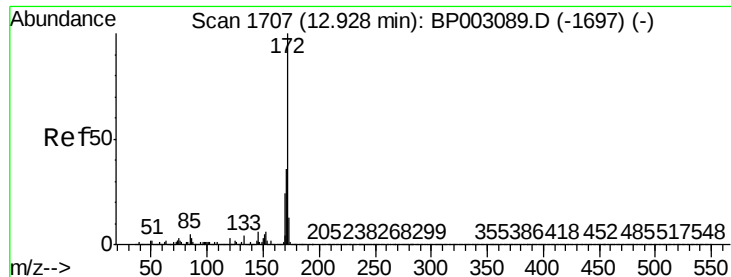
15.79

15.80

15.90

Time-->

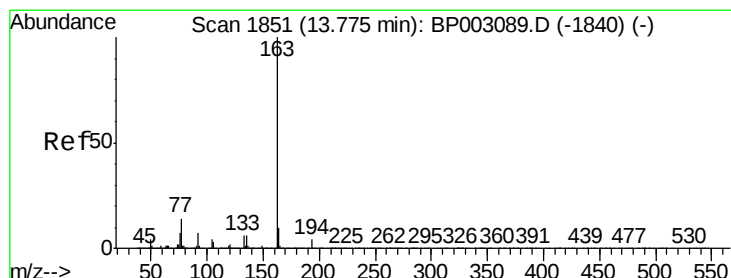
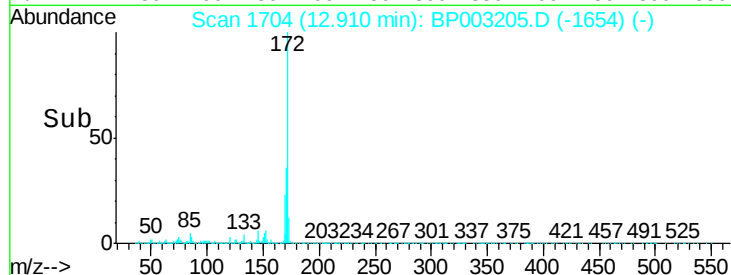
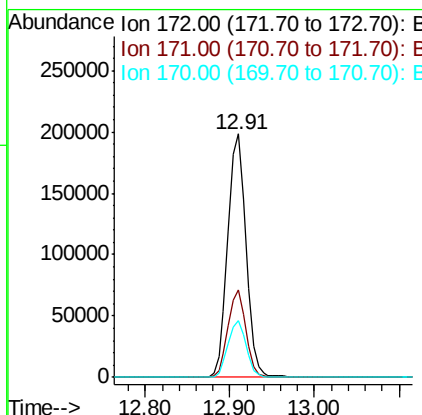
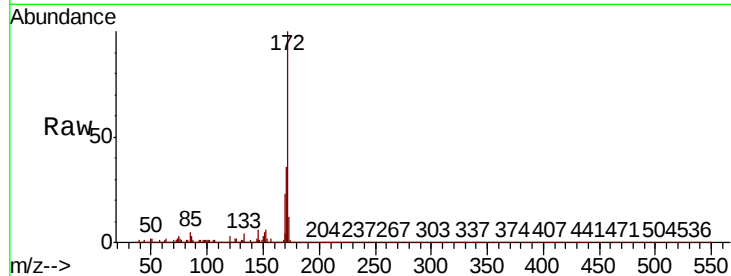




#45
2-Fluorobiphenyl
Concen: 47.155 ng
RT: 12.91 min Scan# 1704
Delta R.T. -0.01 min
Lab File: BP003205.D
Acq: 04 Sep 2020 11:27

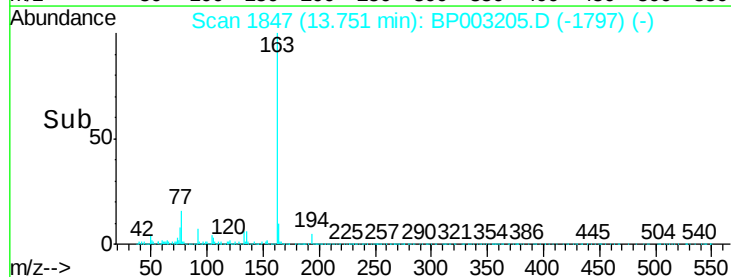
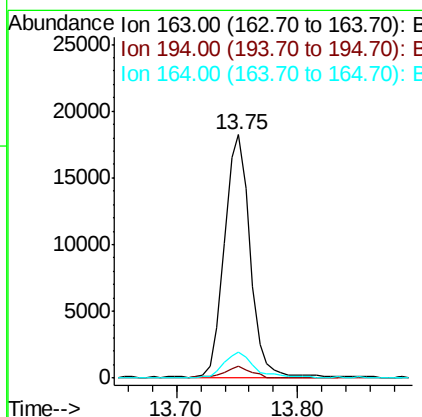
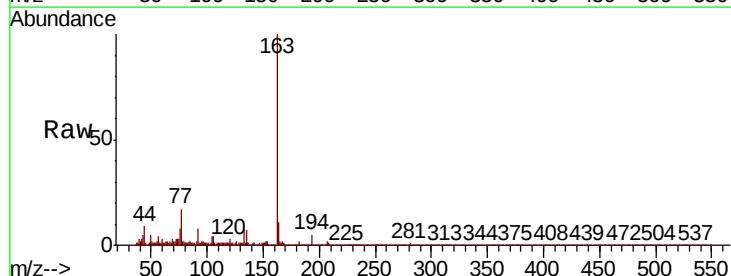
Instrument :
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9-2-TP-3

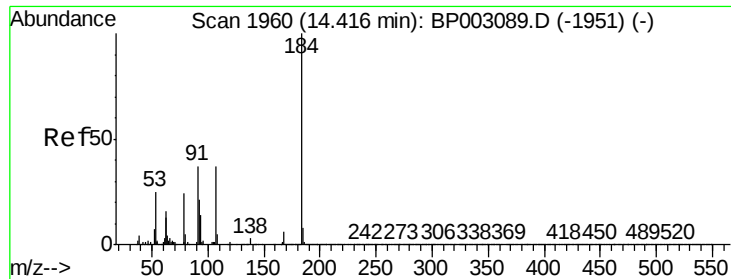
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.5	42.7
170	23.5	19.2	28.8



#50
Dimethylphthalate
Concen: 3.829 ng
RT: 13.75 min Scan# 1847
Delta R.T. -0.01 min
Lab File: BP003205.D
Acq: 04 Sep 2020 11:27

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.3	4.9#
164	10.6	8.2	12.2

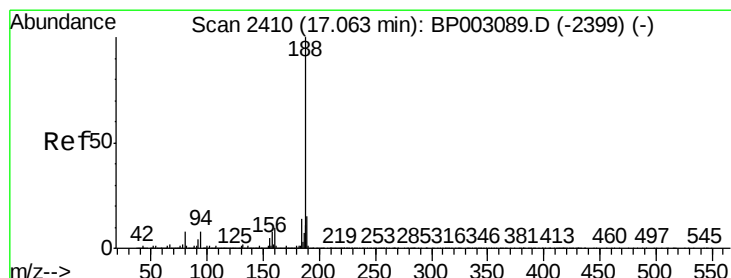
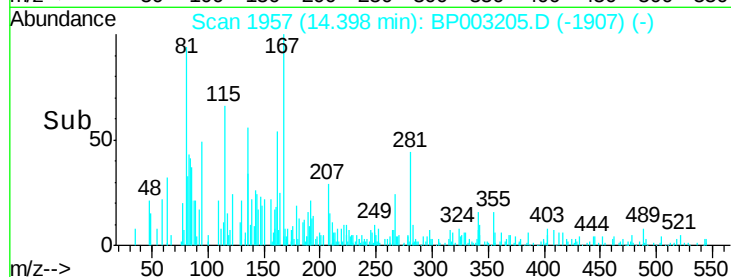
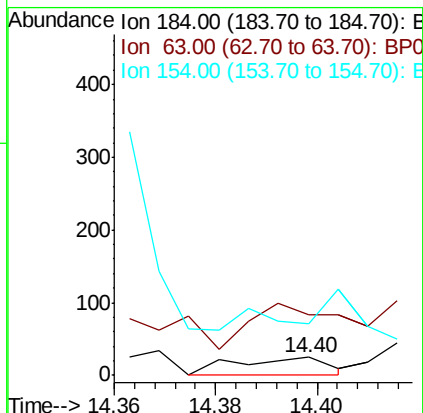
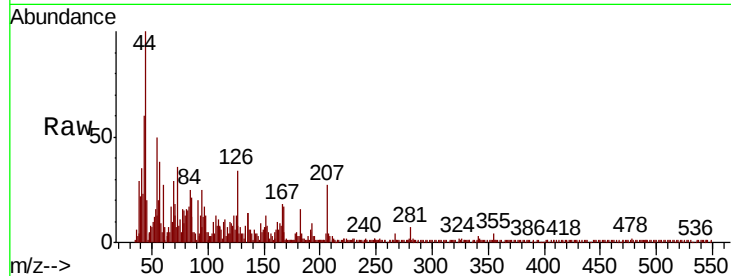




#54
2,4-Dinitrophenol
Concen: 7.791 ng
RT: 14.40 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BP003205.D
Acq: 04 Sep 2020 11:27

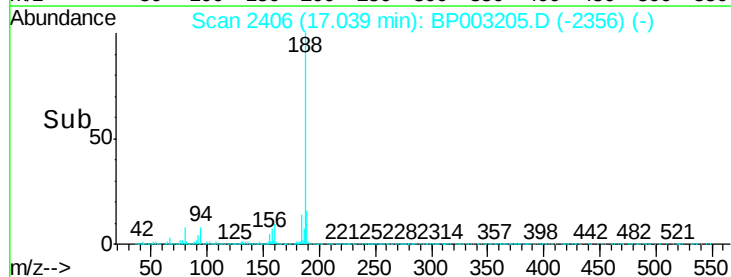
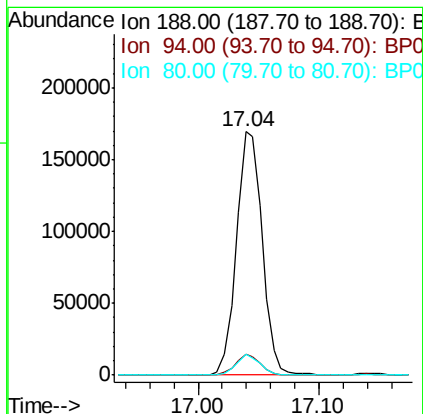
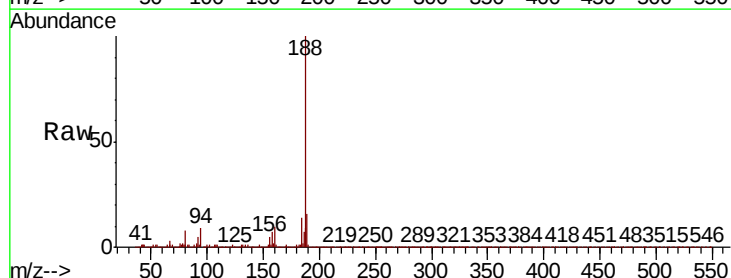
Instrument :
BNA_P
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9-2-TP-3

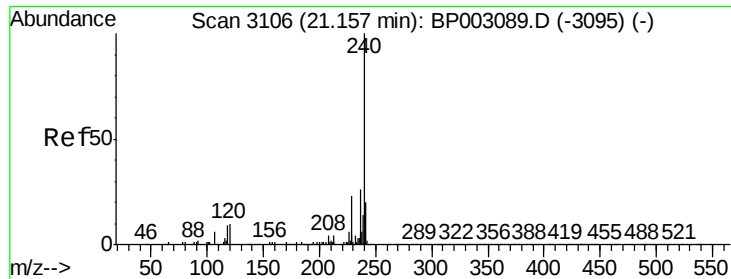
Tot Ion:184 Resp: 32
Ion Ratio Lower Upper
184 100
63 332.0 32.3 48.5#
154 284.0 49.1 73.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2406
Delta R.T. -0.01 min
Lab File: BP003205.D
Acq: 04 Sep 2020 11:27

Tgt Ion:188 Resp: 251776
Ion Ratio Lower Upper
188 100
94 8.6 6.2 9.2
80 8.4 6.2 9.2

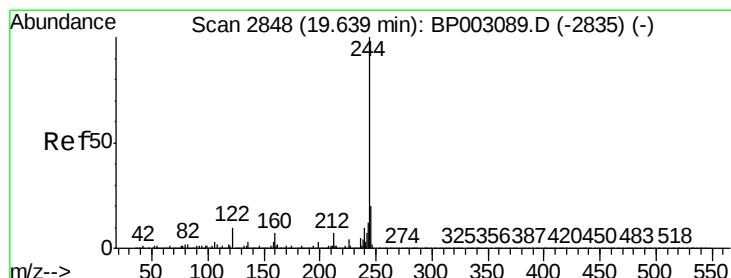
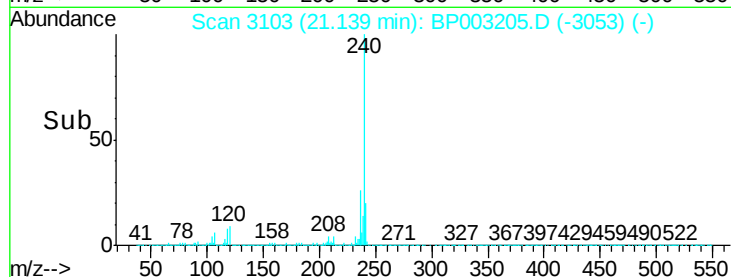
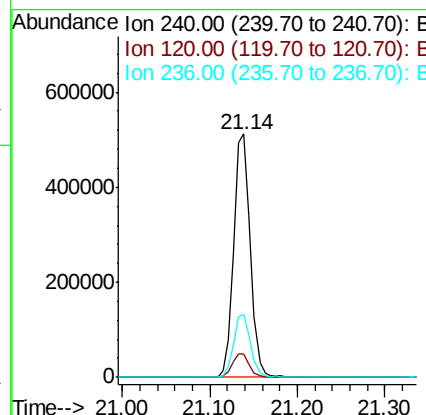
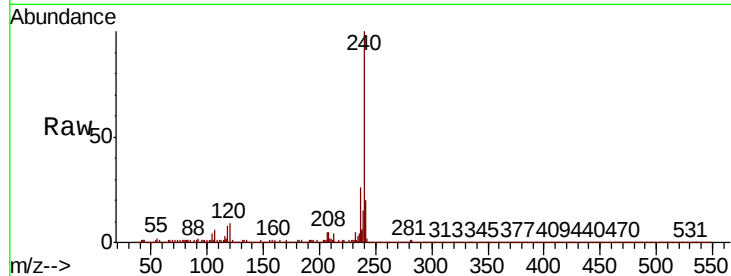




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BP003205.D
Acq: 04 Sep 2020 11:27

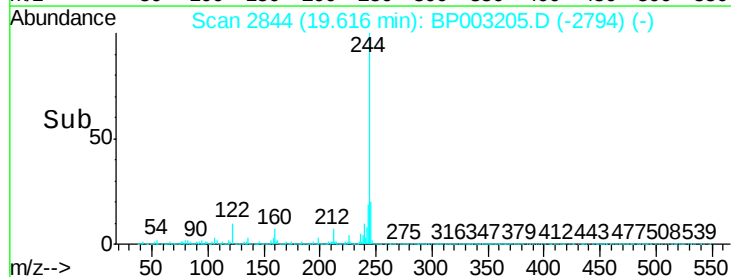
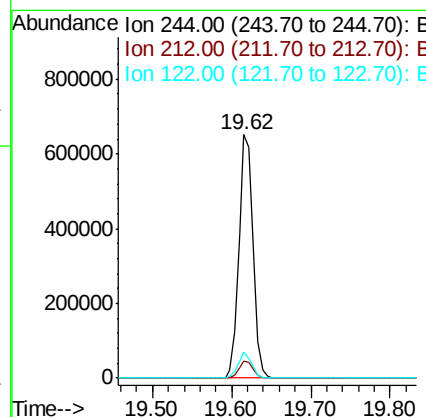
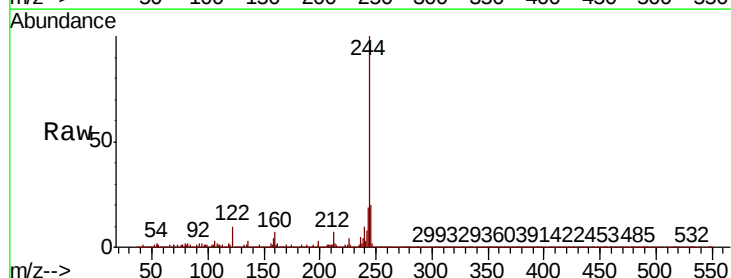
Instrument :
BNA_P
ClientSampleId :
9-2-TP-3

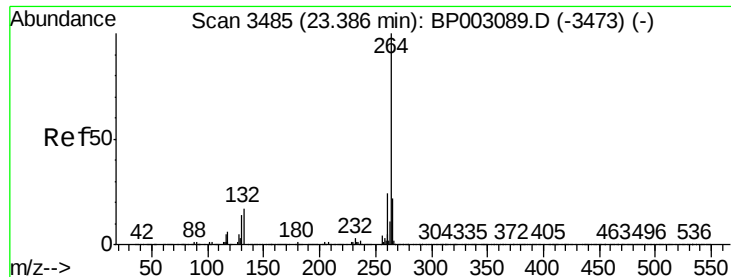
Tot Ion:240 Resp: 663942
Ion Ratio Lower Upper
240 100
120 9.4 7.8 11.6
236 25.8 20.8 31.2



#79
Terphenyl-d14
Concen: 26.411 ng
RT: 19.62 min Scan# 2844
Delta R.T. -0.01 min
Lab File: BP003205.D
Acq: 04 Sep 2020 11:27

Tgt Ion:244 Resp: 796899
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 10.4 7.8 11.8





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.37 min Scan# 3482
Delta R.T. -0.00 min
Lab File: BP003205.D
Acq: 04 Sep 2020 11:27

Instrument :
BNA_P
ClientSampleId :
9-2-TP-3

Tot Ion:264 Resp: 1149427

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.8	28.2
265	22.5	17.4	26.2

