

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090820\
 Data File : BP003233.D
 Acq On : 08 Sep 2020 18:38
 Operator : CG/JU
 Sample : L3918-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 72-11986

Quant Time: Sep 09 00:52:01 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

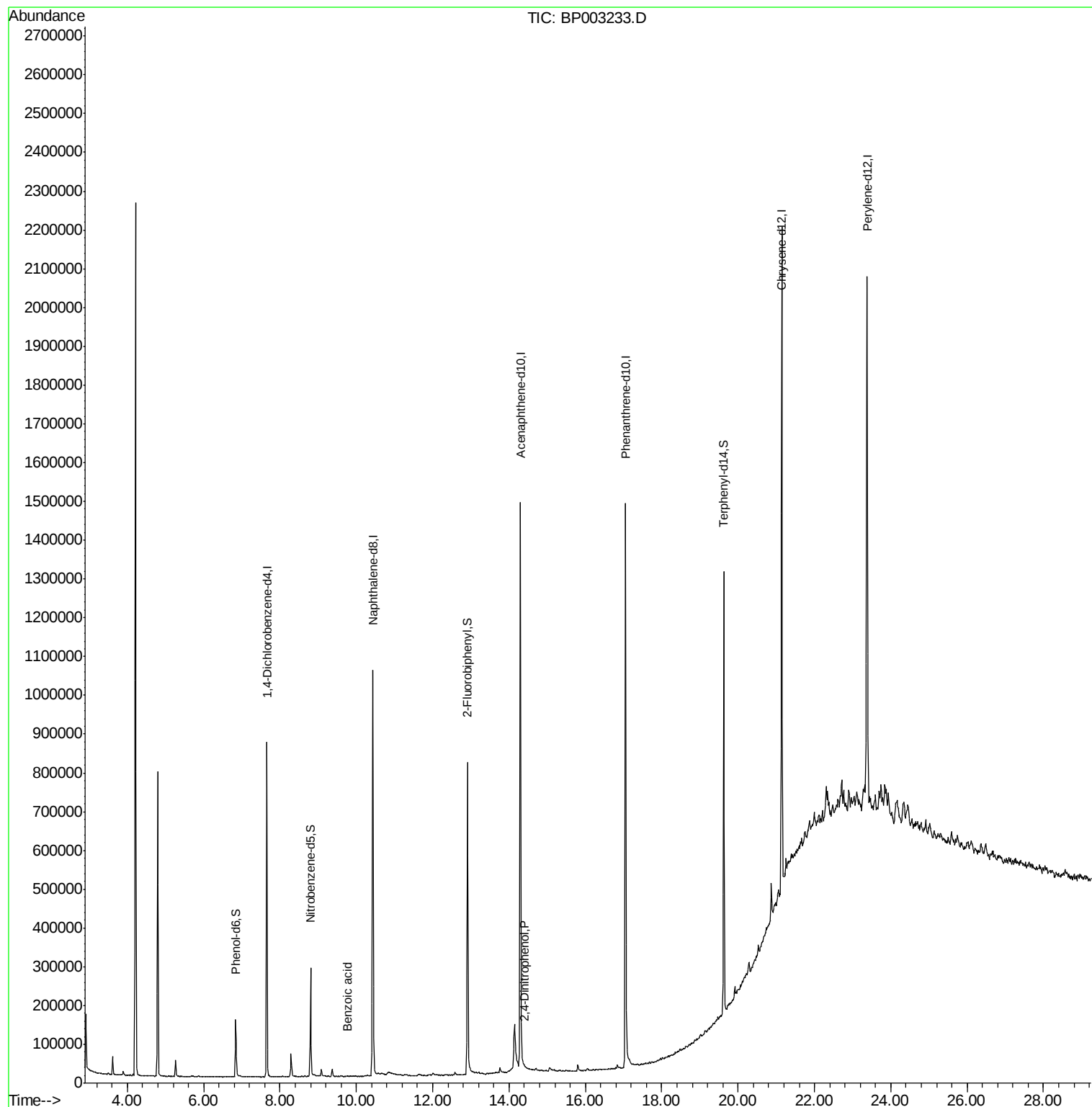
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	261789	20.00	ng	0.00
21) Naphthalene-d8	10.43	136	1020455	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	570594	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1053675	20.00	ng	0.00
76) Chrysene-d12	21.14	240	883671	20.00	ng	0.00
86) Perylene-d12	23.38	264	974515	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	22325	1.51	ng	0.00
7) Phenol-d6	6.84	99	108527	5.85	ng	0.00
23) Nitrobenzene-d5	8.80	82	167770	11.85	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	4495	0.58	ng	0.01
45) 2-Fluorobiphenyl	12.92	172	496413	12.74	ng	0.00
79) Terphenyl-d14	19.62	244	519405	12.93	ng	0.00
Target Compounds						
32) Benzoic acid	9.76	122	42	9.000	ng	# 1
54) 2,4-Dinitrophenol	14.41	184	35	7.761	ng	# 1

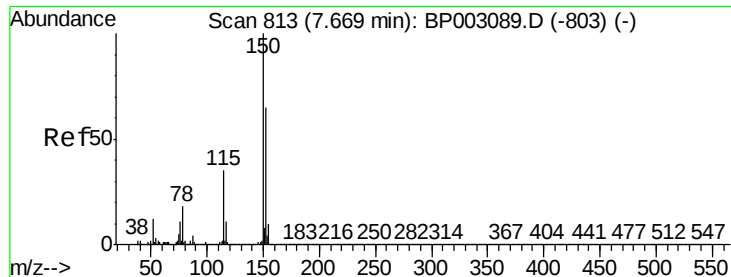
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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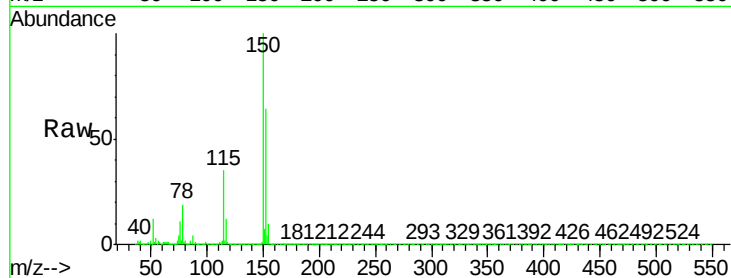


#1

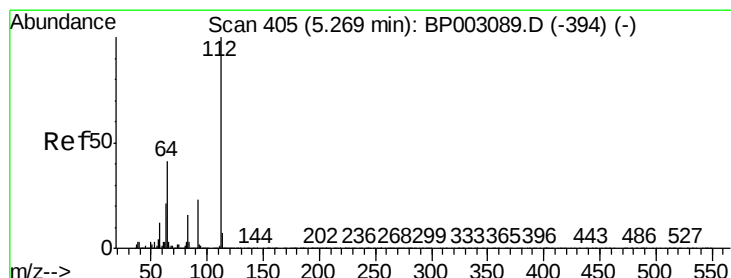
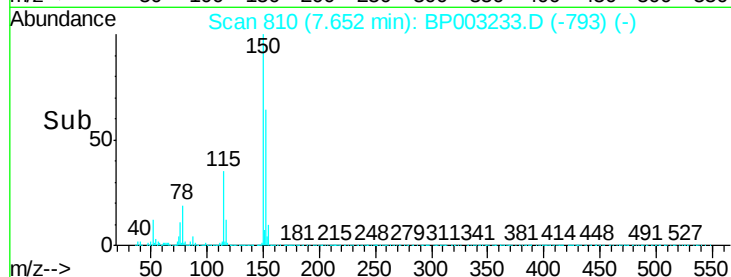
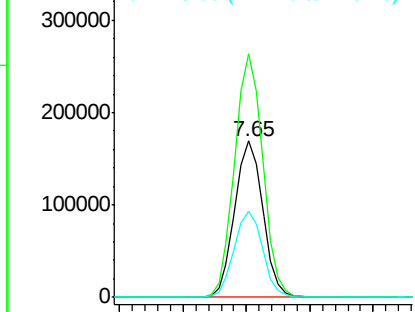
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 810
Delta R.T. -0.00 min
Lab File: BP003233.D
Acq: 08 Sep 2020 18:38

Instrument :
BNA_P
ClientSampleId :
72-11986

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	123.8	185.6
115	55.2	43.8	65.6



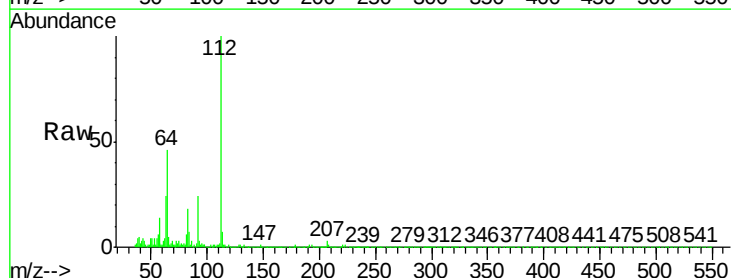
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



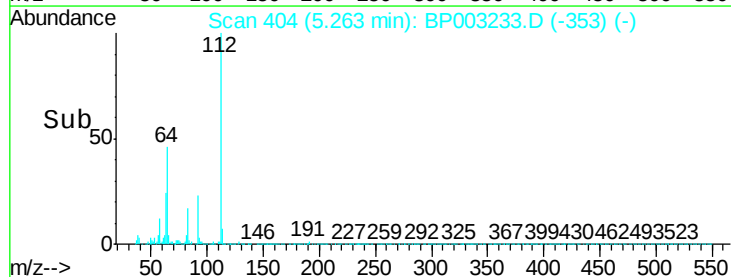
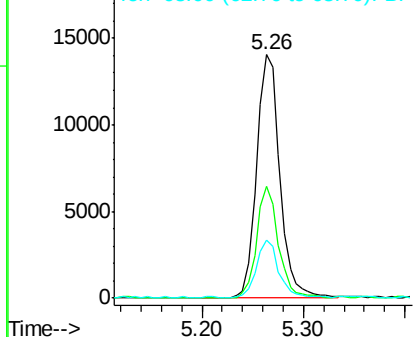
#5

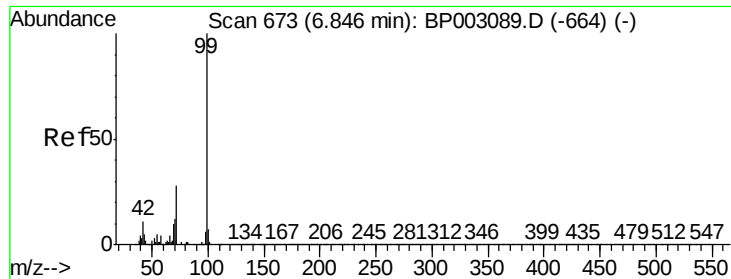
2-Fluorophenol
Concen: 1.508 ng
RT: 5.26 min Scan# 404
Delta R.T. -0.00 min
Lab File: BP003233.D
Acq: 08 Sep 2020 18:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.0	32.8	49.2
63	23.9	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: 5.847 ng

RT: 6.84 min Scan# 672

Delta R.T. 0.01 min

Lab File: BP003233.D

Acq: 08 Sep 2020 18:38

Instrument :

BNA_P

ClientSampleId :

72-11986

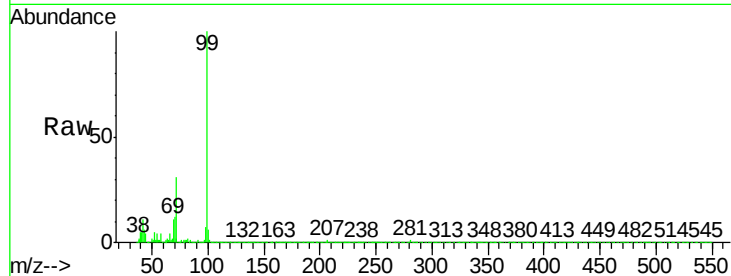
Tot Ion: 99 Resp: 108527

Ion Ratio Lower Upper

99 100

42 11.4 8.6 13.0

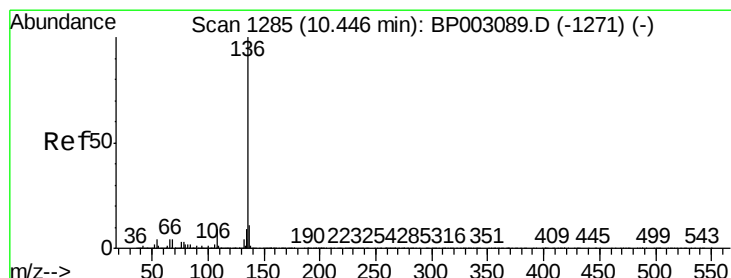
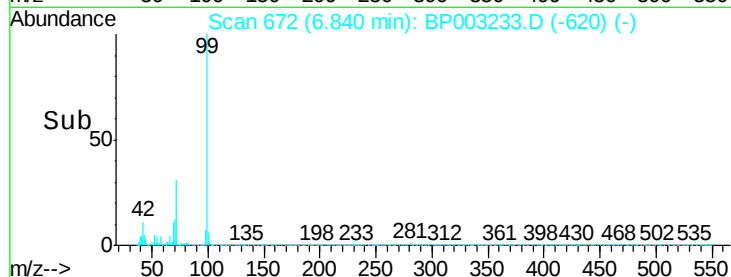
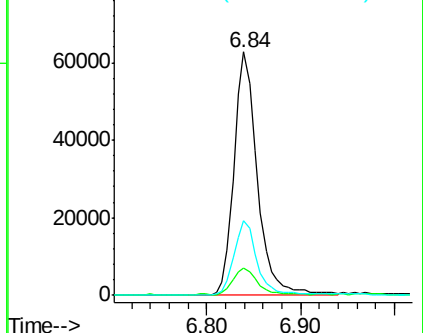
71 30.8 23.4 35.2



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# 1283

Delta R.T. -0.00 min

Lab File: BP003233.D

Acq: 08 Sep 2020 18:38

Tgt Ion: 136 Resp: 1020455

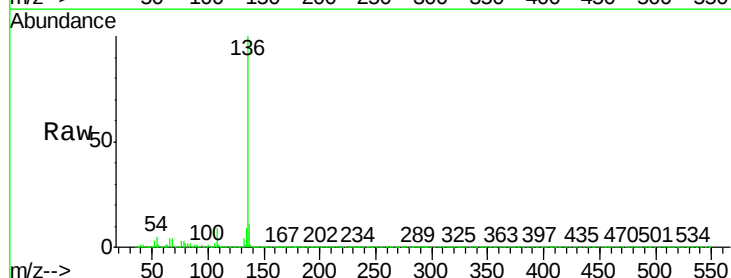
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 4.6 3.6 5.4

68 4.2 3.3 4.9

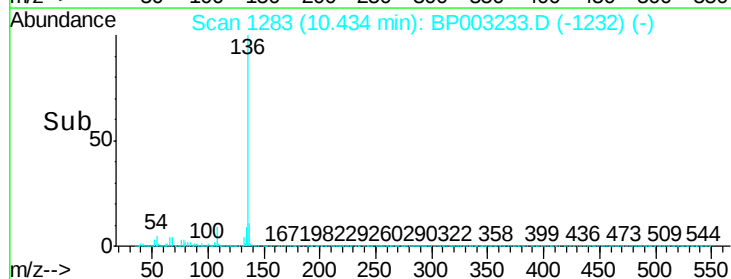
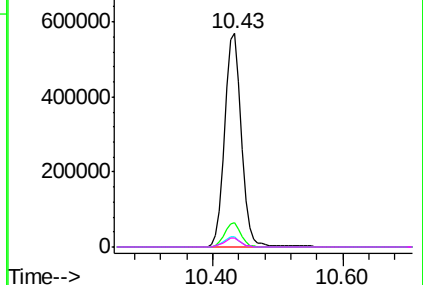


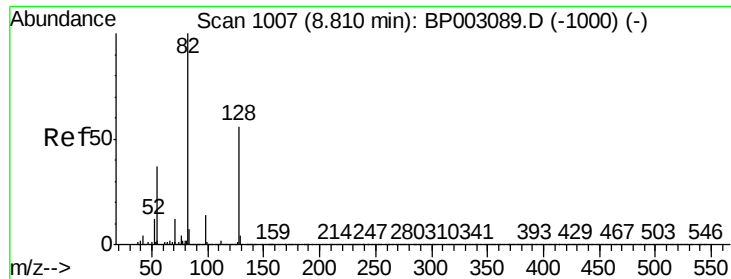
Abundance Ion 136.00 (135.70 to 136.70): E

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

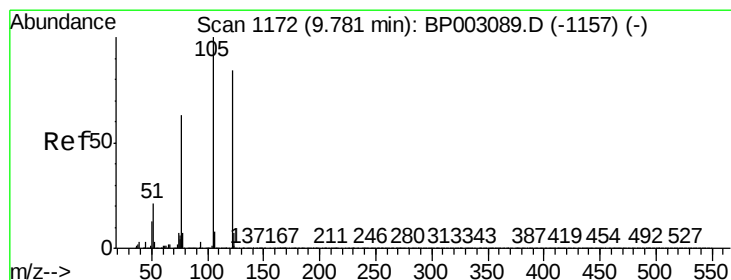
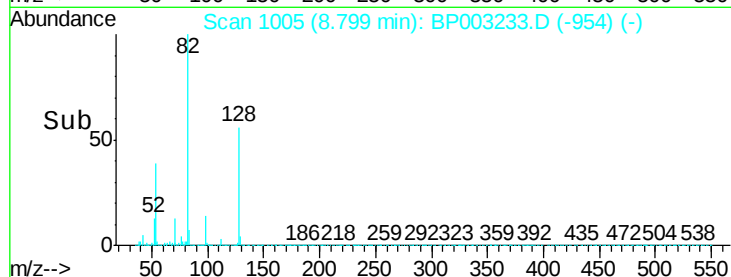
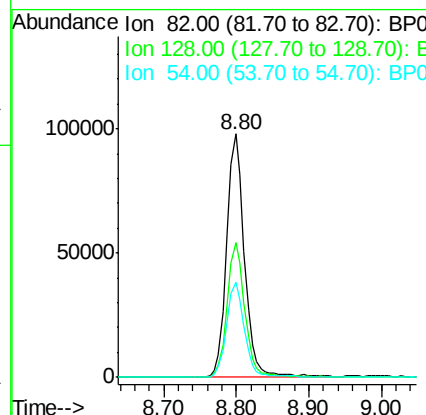
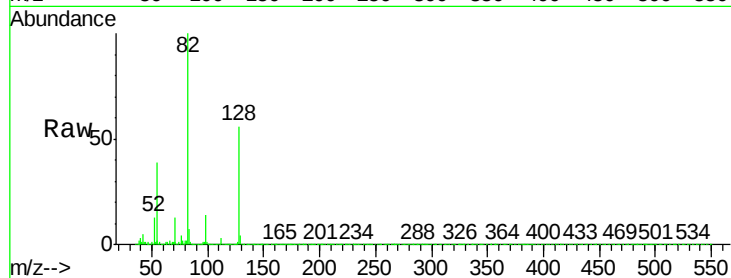




#23
 Nitrobenzene-d5
 Concen: 11.852 ng
 RT: 8.80 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BP003233.D
 Acq: 08 Sep 2020 18:38

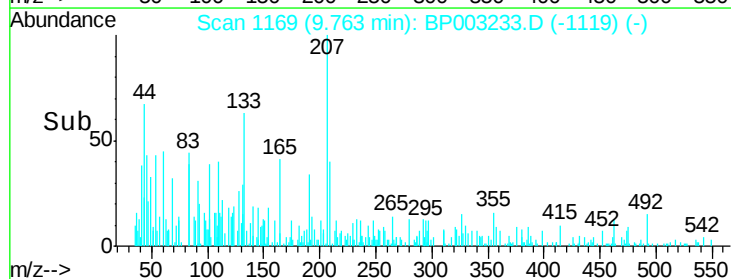
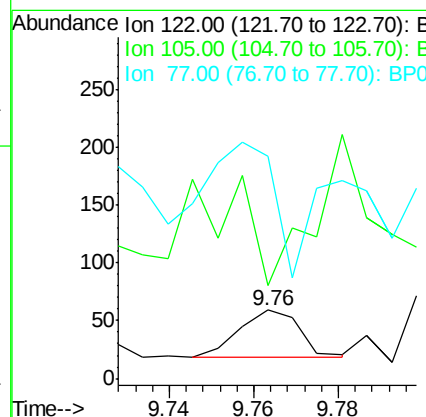
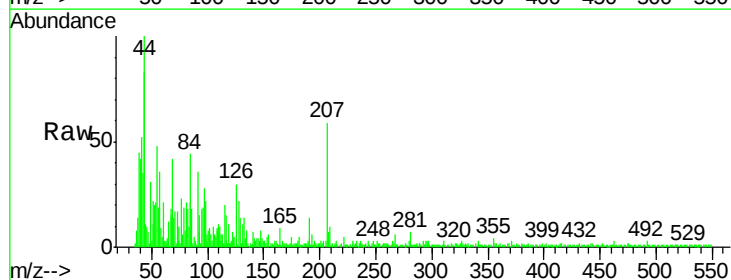
Instrument :
 BNA_P
 ClientSampleId :
 72-11986

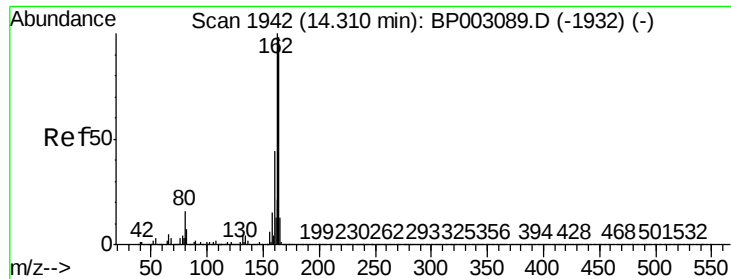
Tot Ion	82	Resp	167770
Ion Ratio	Lower	Upper	
82	100		
128	55.6	45.6	68.4
54	39.3	30.1	45.1



#32
 Benzoic acid
 Concen: 9.000 ng
 RT: 9.76 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BP003233.D
 Acq: 08 Sep 2020 18:38

Tgt Ion	122	Resp	42
Ion Ratio	Lower	Upper	
122	100		
105	135.6	94.1	134.1#
77	325.4	50.1	90.1#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.30 min Scan# 1940

Delta R.T. 0.01 min

Lab File: BP003233.D

Acq: 08 Sep 2020 18:38

Instrument :

BNA_P

ClientSampleId :

72-11986

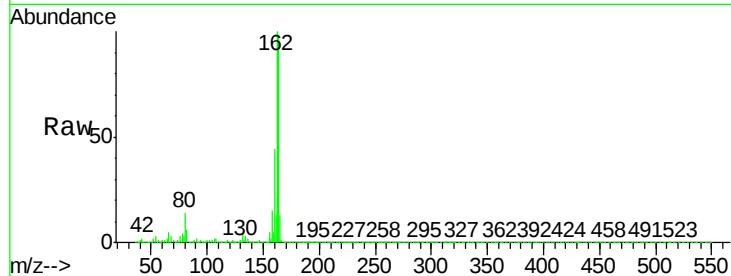
Tot Ion:164 Resp: 570594

Ion Ratio Lower Upper

164 100

162 102.3 79.4 119.2

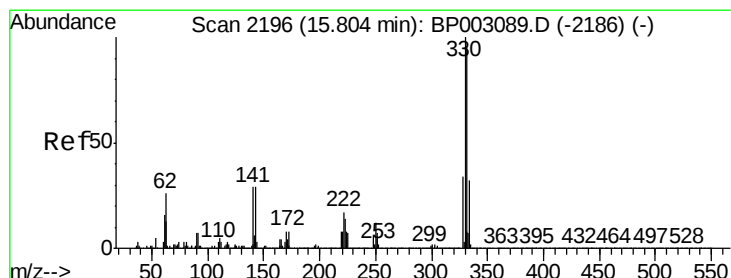
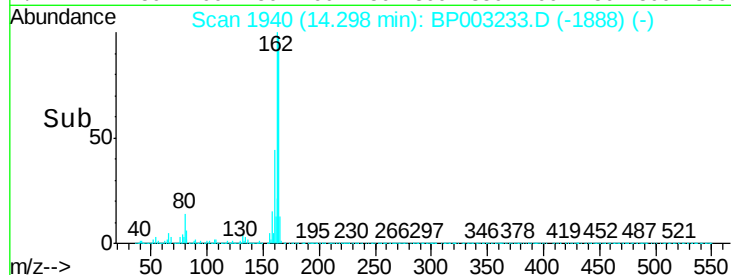
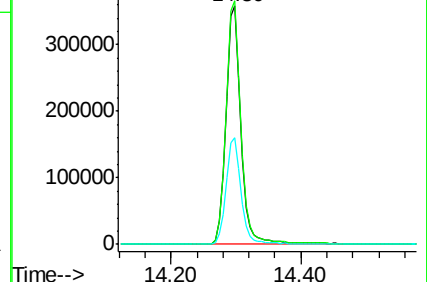
160 45.0 36.1 54.1



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: 0.582 ng

RT: 15.80 min Scan# 2196

Delta R.T. 0.01 min

Lab File: BP003233.D

Acq: 08 Sep 2020 18:38

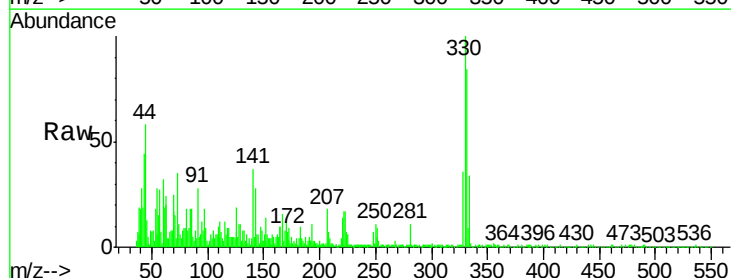
Tgt Ion:330 Resp: 4495

Ion Ratio Lower Upper

330 100

332 90.0 77.1 115.7

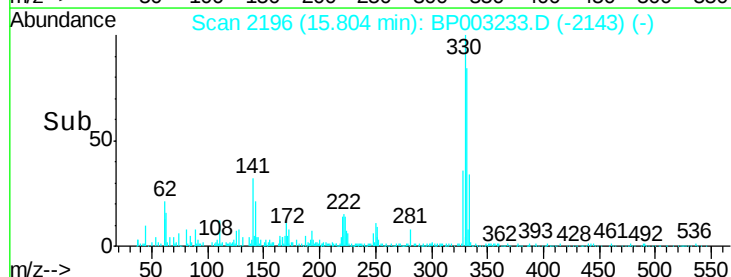
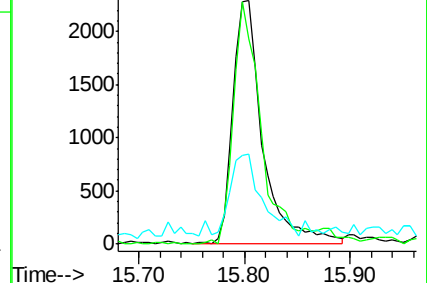
141 35.3 23.4 35.2#

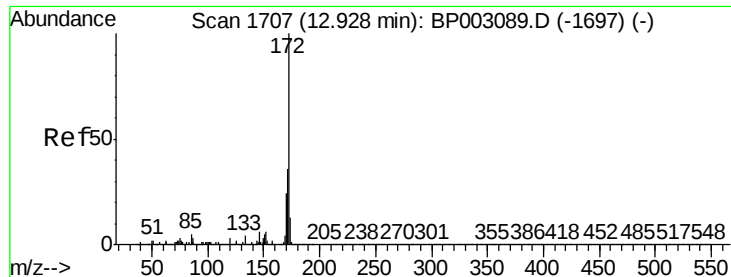


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

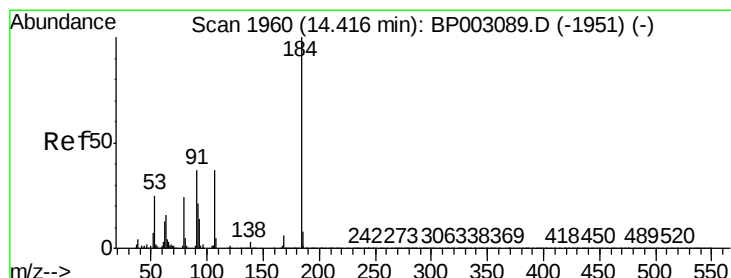
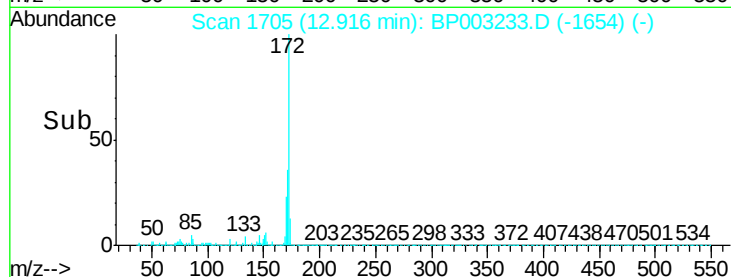
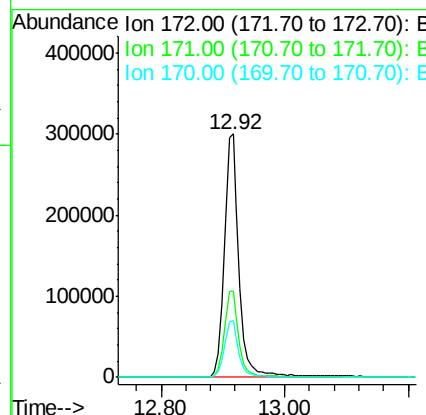
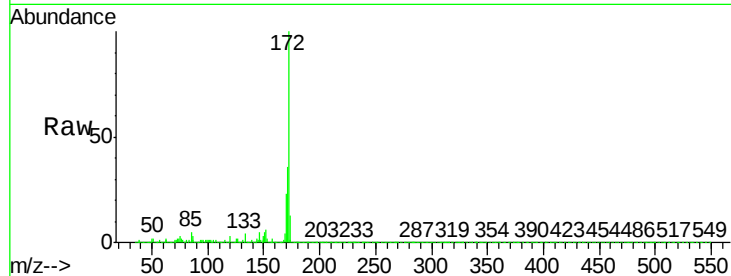




#45
2-Fluorobiphenyl
Concen: 12.741 ng
RT: 12.92 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BP003233.D
Acq: 08 Sep 2020 18:38

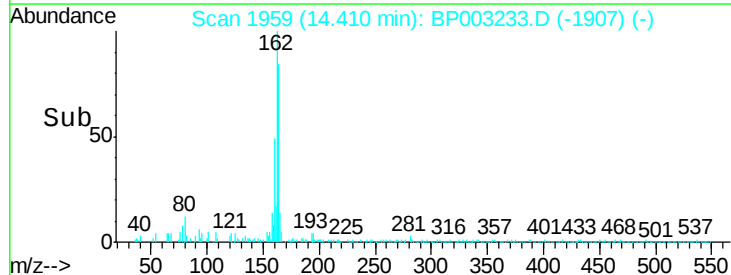
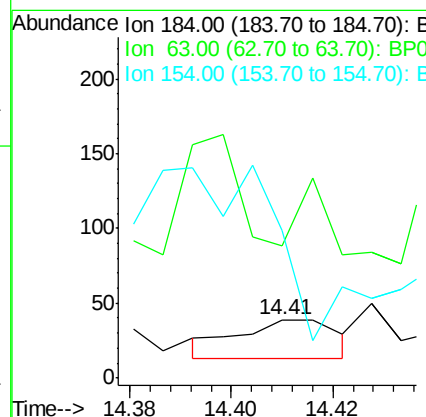
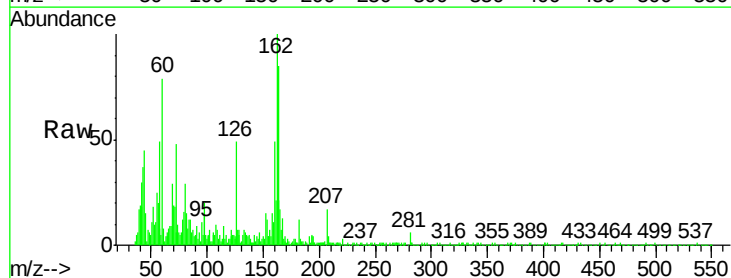
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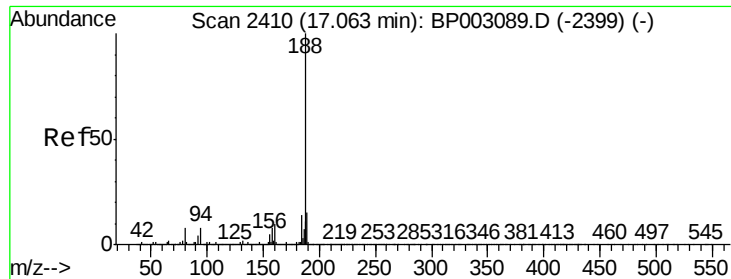
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.5	42.7
170	23.4	19.2	28.8



#54
2,4-Dinitrophenol
Concen: 7.761 ng
RT: 14.41 min Scan# 1959
Delta R.T. 0.01 min
Lab File: BP003233.D
Acq: 08 Sep 2020 18:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	225.6	32.3	48.5#
154	253.8	49.1	73.7#

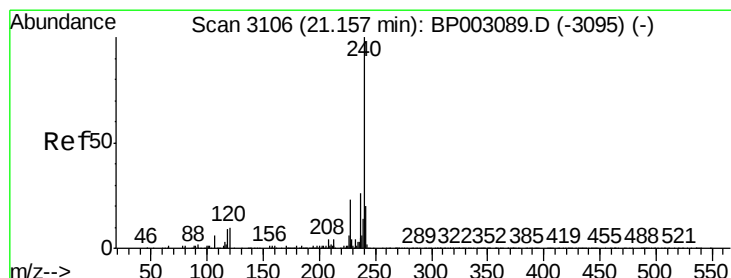
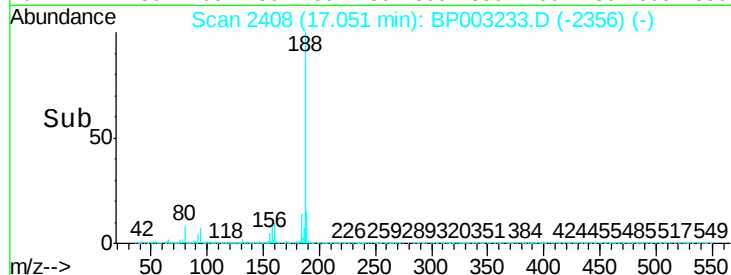
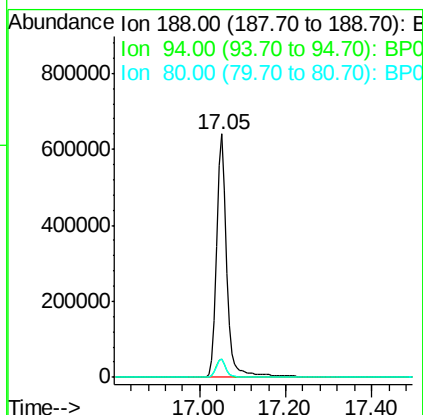
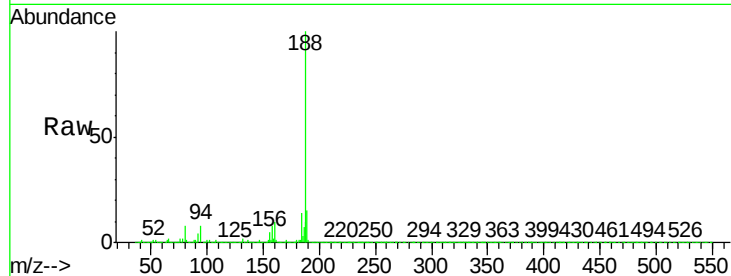




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. 0.01 min
Lab File: BP003233.D
Acq: 08 Sep 2020 18:38

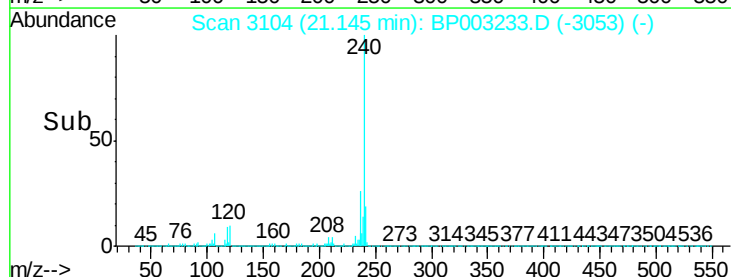
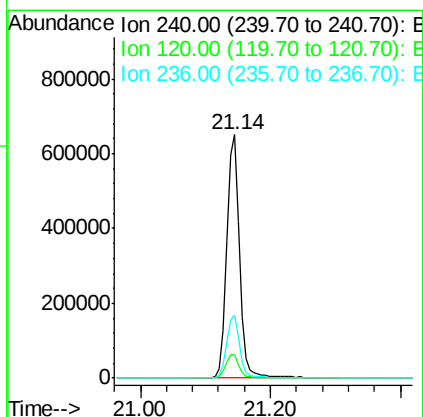
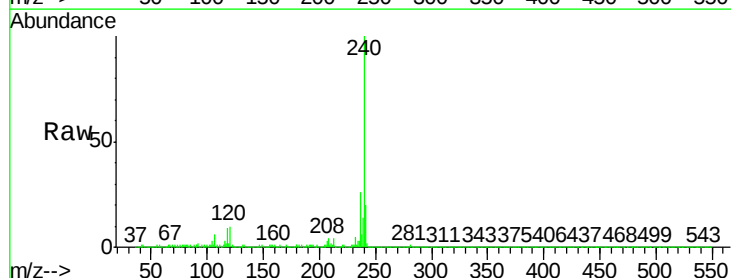
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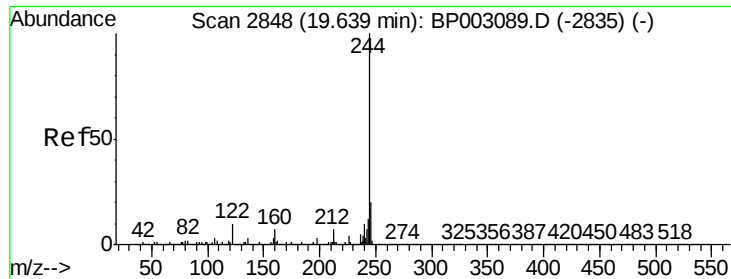
Tot Ion:188 Resp: 1053675
Ion Ratio Lower Upper
188 100
94 7.5 6.2 9.2
80 7.6 6.2 9.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.14 min Scan# 3104
Delta R.T. -0.00 min
Lab File: BP003233.D
Acq: 08 Sep 2020 18:38

Tgt Ion:240 Resp: 883671
Ion Ratio Lower Upper
240 100
120 9.7 7.8 11.6
236 26.2 20.8 31.2

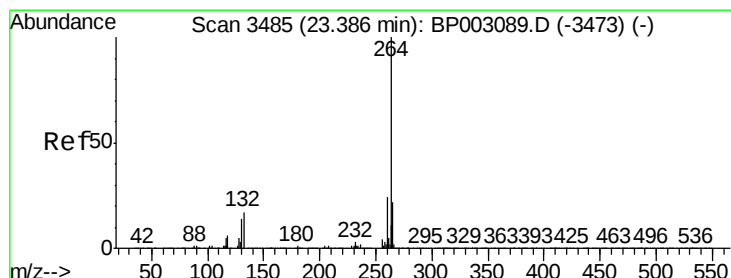
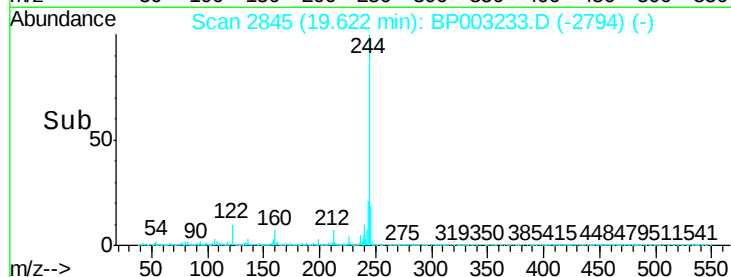
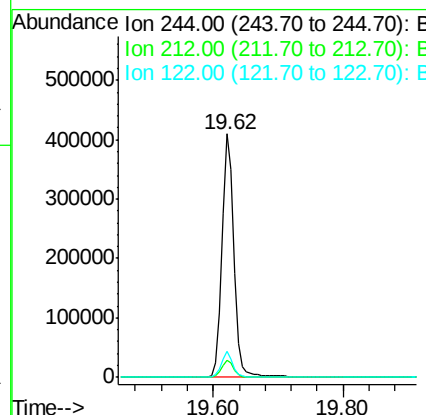
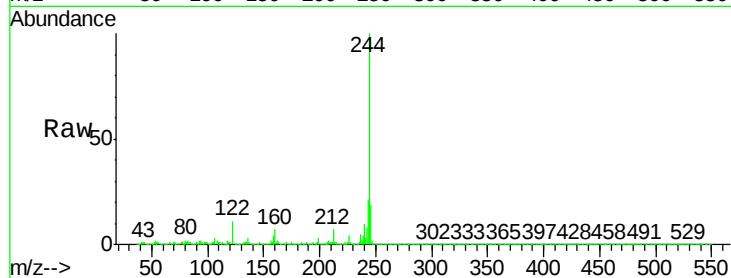




#79
 Terphenyl-d14
 Concen: 12.934 ng
 RT: 19.62 min Scan# 2845
 Delta R.T. -0.00 min
 Lab File: BP003233.D
 Acq: 08 Sep 2020 18:38

Instrument :
 BNA_P
 ClientSampleId :
 72-11986

Tot Ion:244 Resp: 519405
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.6 7.8 11.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.38 min Scan# 3484
 Delta R.T. 0.01 min
 Lab File: BP003233.D
 Acq: 08 Sep 2020 18:38

Tgt Ion:264 Resp: 974515
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.9 17.4 26.2

