

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100319\
 Data File : BP000499.D
 Acq On : 03 Oct 2019 16:45
 Operator : JU
 Sample : K5131-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190829-COMPOSITE-E

Quant Time: Oct 04 01:57:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

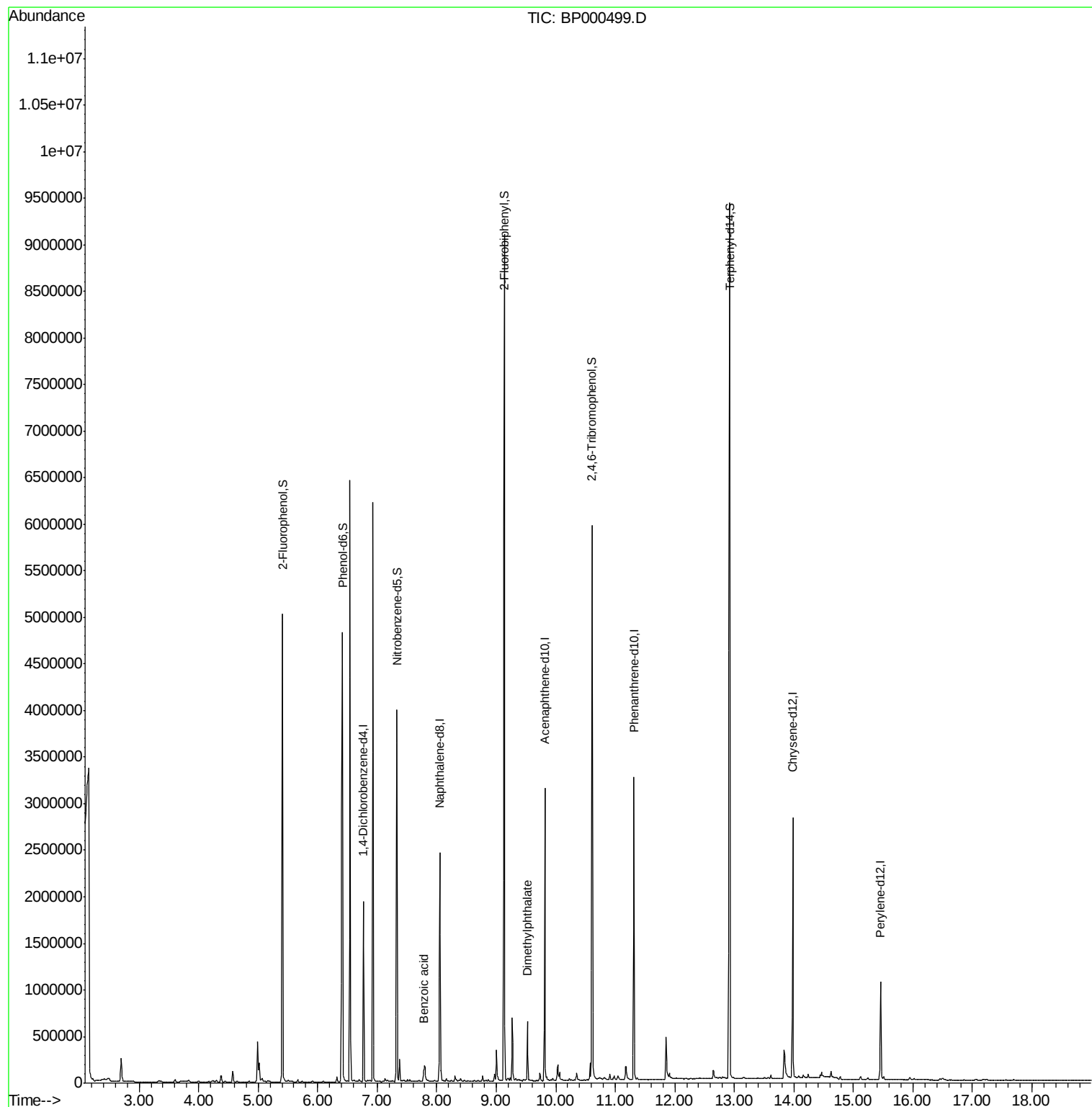
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	289489	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	1033761	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	607076	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	1110547	20.00	ng	0.00
76) Chrysene-d12	13.98	240	867754	20.00	ng	0.00
87) Perylene-d12	15.46	264	516745	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1823890	101.28	ng	0.02
7) Phenol-d6	6.42	99	2111490	97.29	ng	0.00
23) Nitrobenzene-d5	7.33	82	1439707	85.06	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	875100	135.27	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	3128401	83.38	ng	0.00
79) Terphenyl-d14	12.92	244	3524492	82.24	ng	0.00
Target Compounds						
32) Benzoic acid	7.79	122	41404	4.983	ng	98
50) Dimethylphthalate	9.53	163	237939	5.641	ng	100

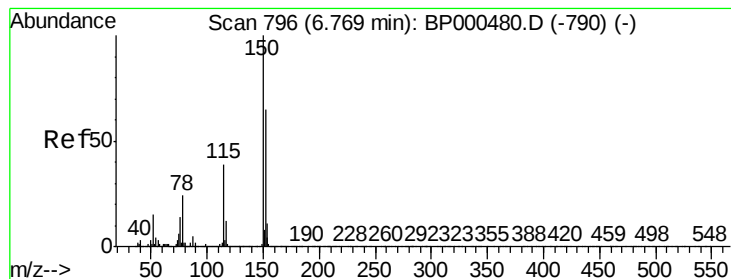
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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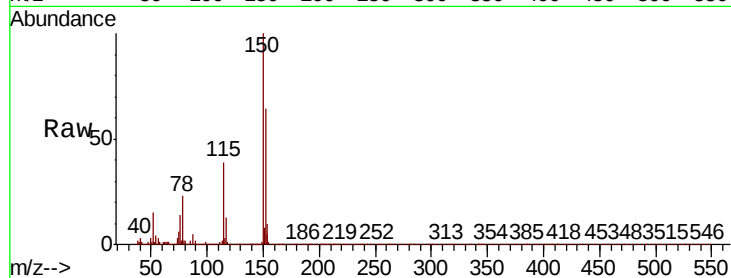


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BP000499.D
Acq: 03 Oct 2019 16:45

Instrument :
BNA_P
ClientSampleId :
20190829-COMPOSITE-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.1	186.1
115	60.5	48.7	73.1

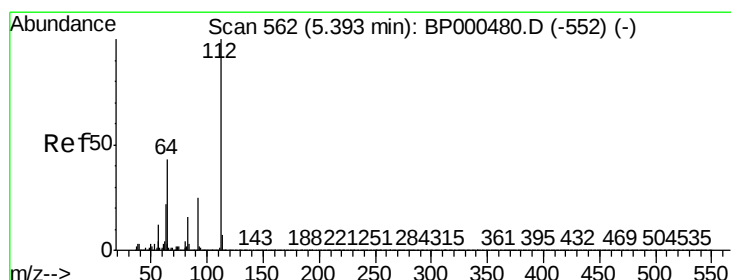
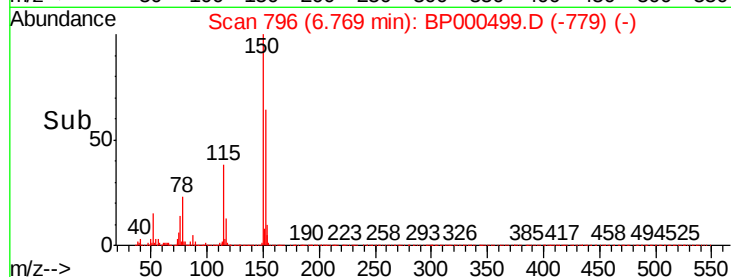
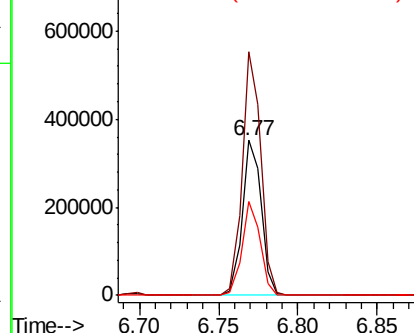


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

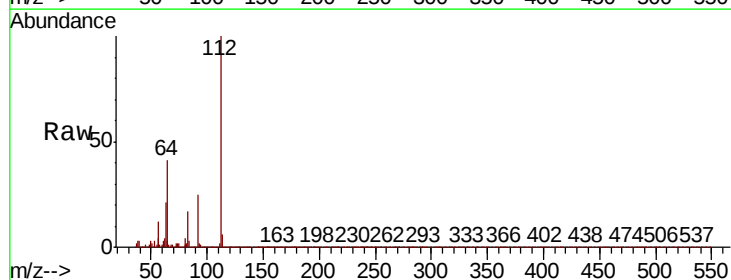
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 101.275 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BP000499.D
Acq: 03 Oct 2019 16:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.4	34.2	51.4
63	21.5	17.9	26.9

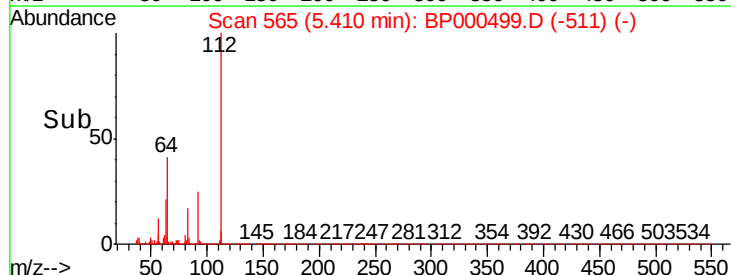
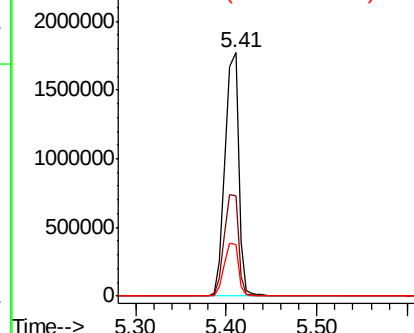


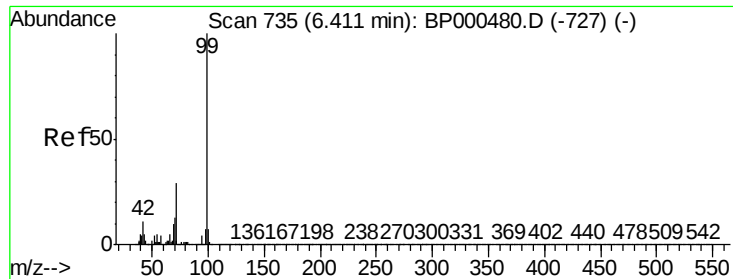
Abundance

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: 97.295 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BP000499.D

Acq: 03 Oct 2019 16:45

Instrument :

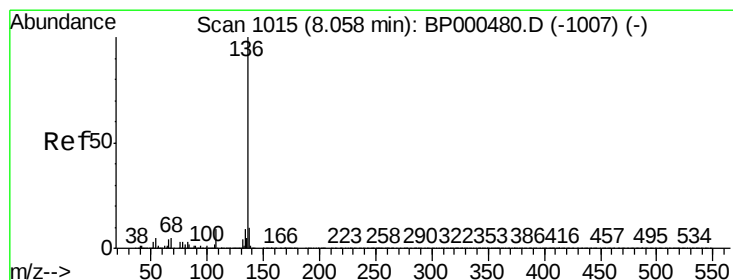
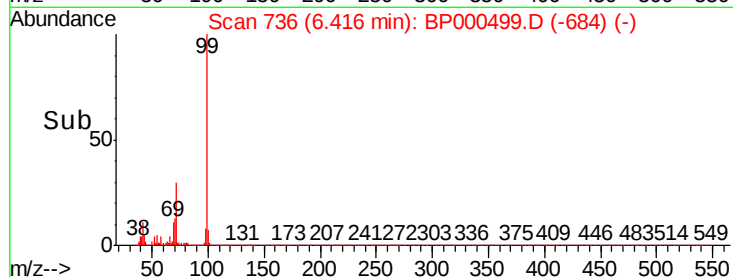
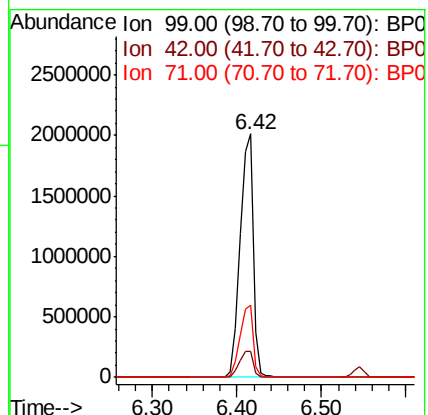
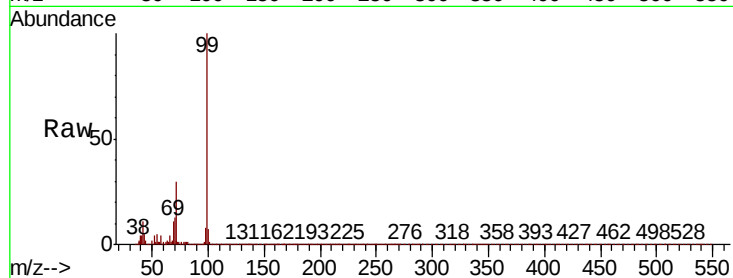
BNA_P

ClientSampleId :

20190829-COMPOSITE-E

Tot Ion: 99 Resp: 2111490

Ion	Ratio	Lower	Upper
99	100		
42	10.8	8.6	12.8
71	29.5	23.0	34.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

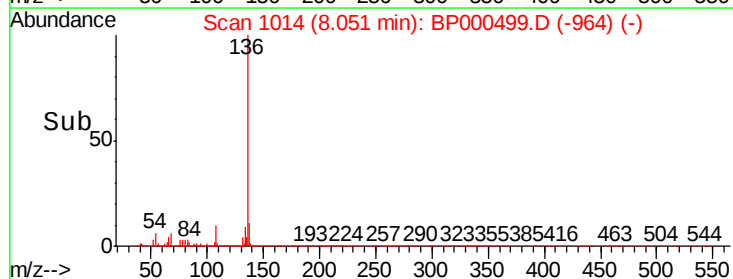
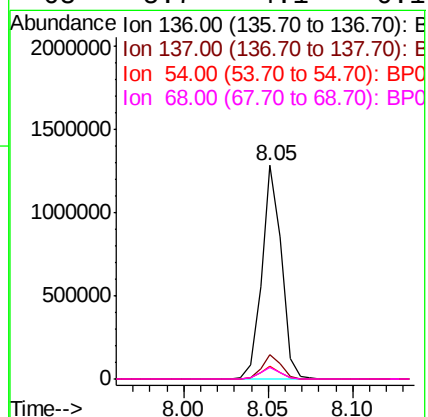
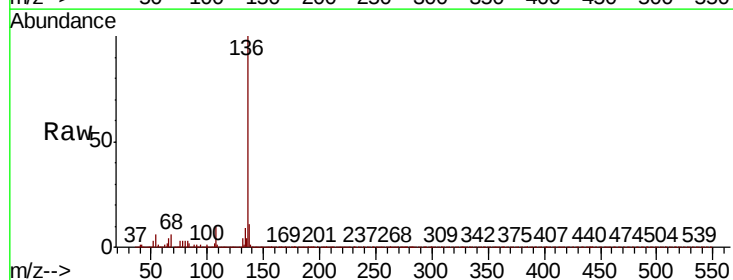
Delta R.T. -0.01 min

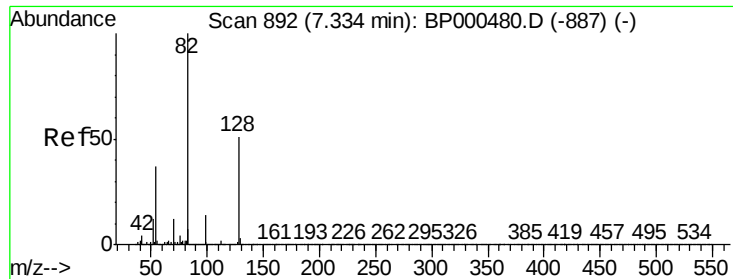
Lab File: BP000499.D

Acq: 03 Oct 2019 16:45

Tgt Ion: 136 Resp: 1033761

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.8	4.1	6.1
68	5.7	4.1	6.1

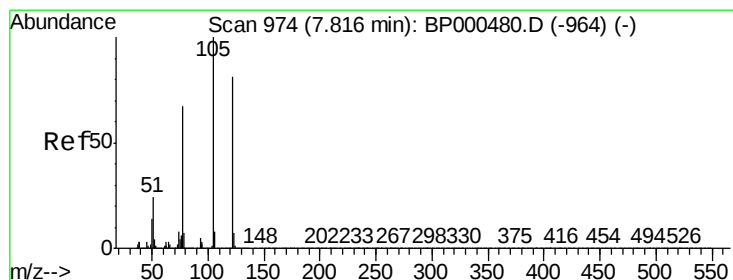
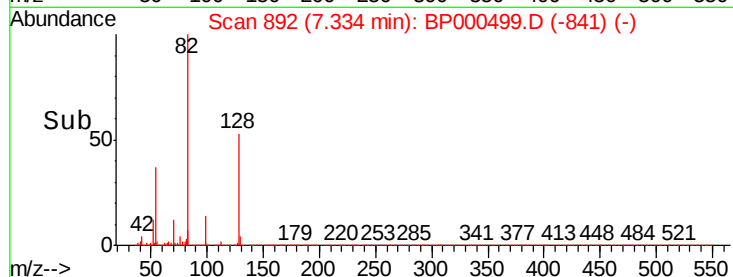
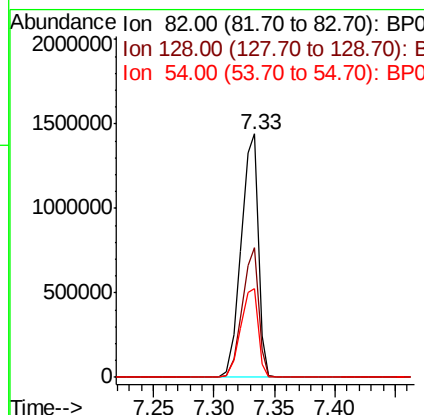
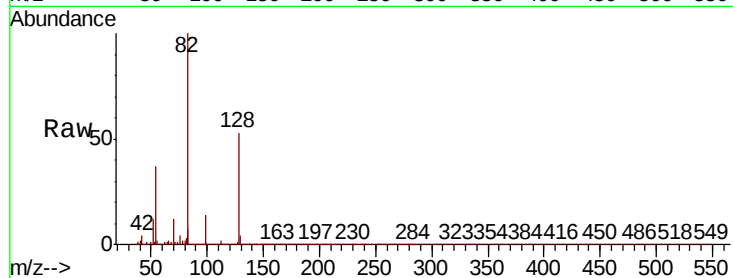




#23
Nitrobenzene-d5
Concen: 85.059 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BP000499.D
Acq: 03 Oct 2019 16:45

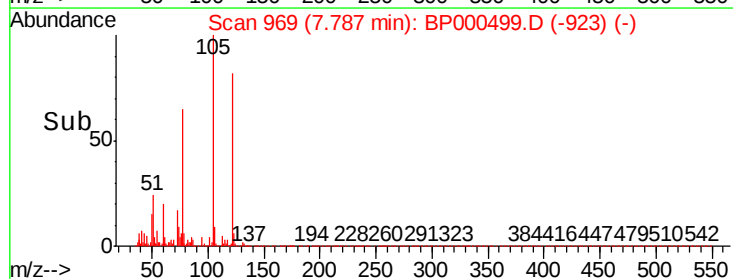
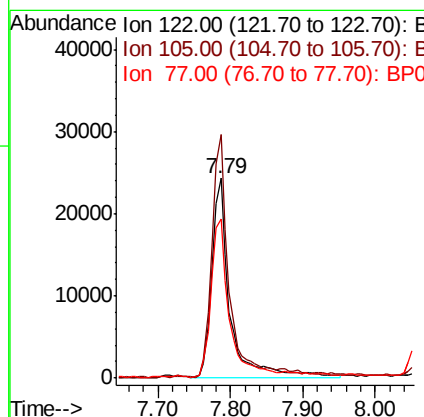
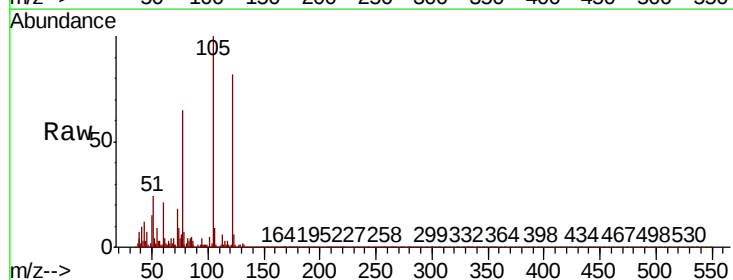
Instrument :
BNA_P
ClientSampleId :
20190829-COMPOSITE-E

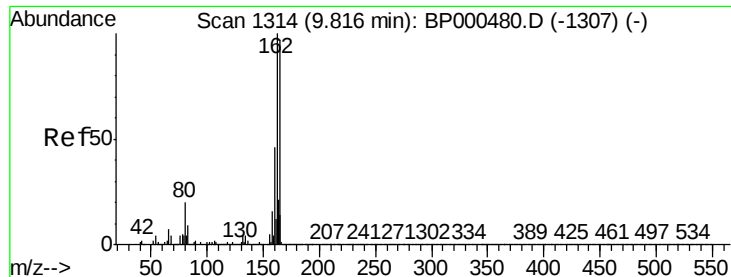
Tot Ion: 82 Resp: 1439707
Ion Ratio Lower Upper
82 100
128 53.1 40.9 61.3
54 36.7 29.4 44.2



#32
Benzoic acid
Concen: 4.983 ng
RT: 7.79 min Scan# 969
Delta R.T. -0.03 min
Lab File: BP000499.D
Acq: 03 Oct 2019 16:45

Tgt Ion: 122 Resp: 41404
Ion Ratio Lower Upper
122 100
105 122.0 101.4 141.4
77 79.5 62.1 102.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BP000499.D

Acq: 03 Oct 2019 16:45

Instrument :

BNA_P

ClientSampleId :

20190829-COMPOSITE-E

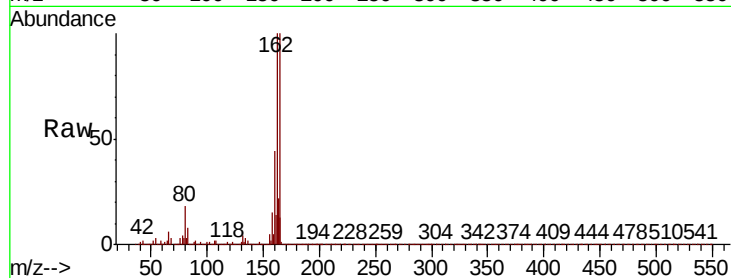
Tot Ion:164 Resp: 607076

Ion Ratio Lower Upper

164 100

162 100.2 82.2 123.2

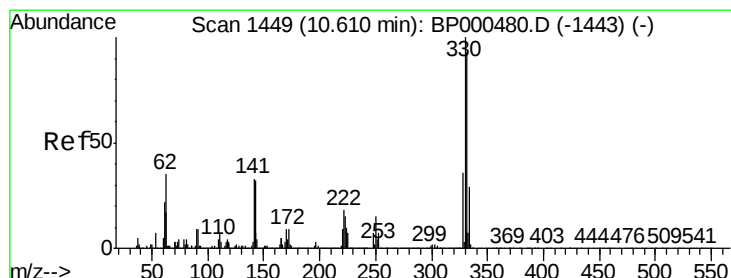
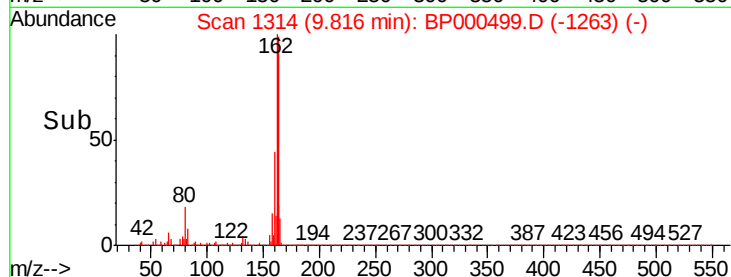
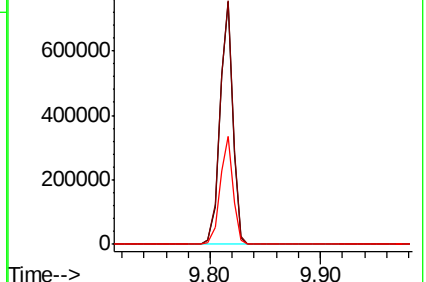
160 44.6 37.6 56.4



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: 135.274 ng

RT: 10.62 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BP000499.D

Acq: 03 Oct 2019 16:45

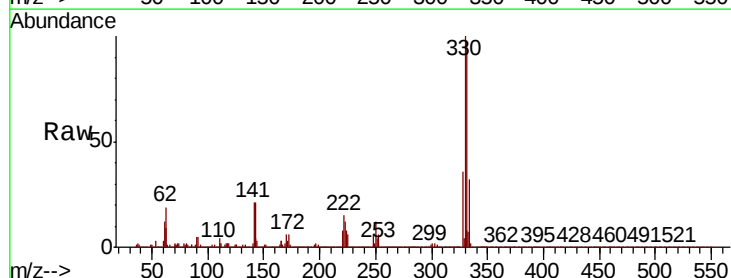
Tgt Ion:330 Resp: 875100

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

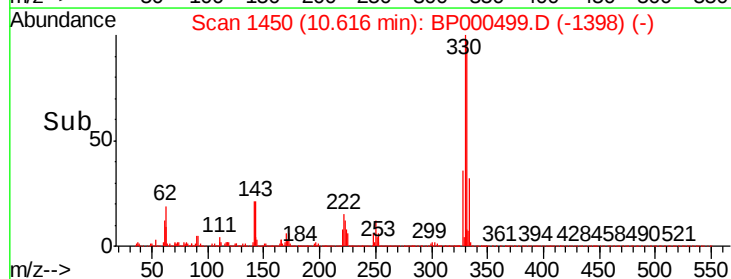
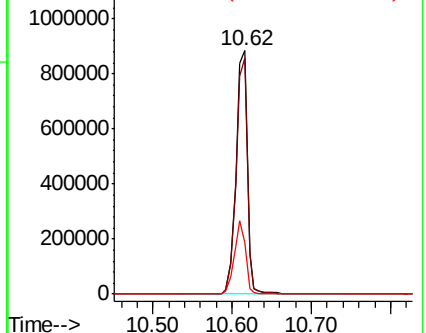
141 30.1 26.0 39.0

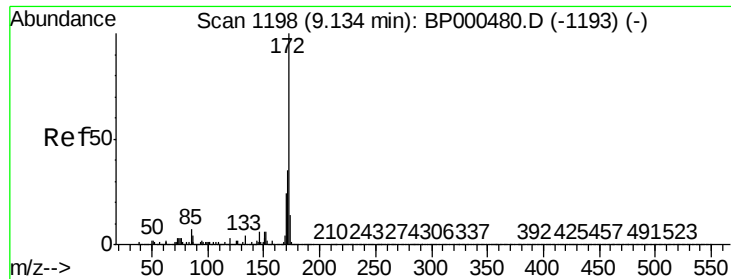


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

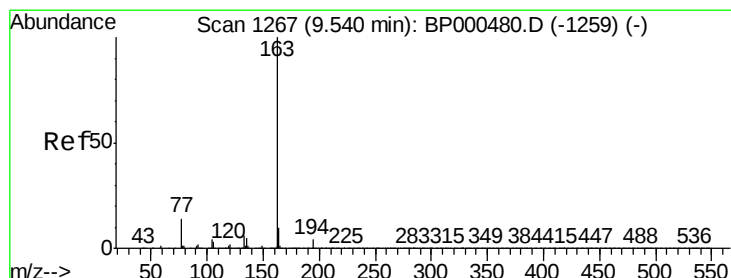
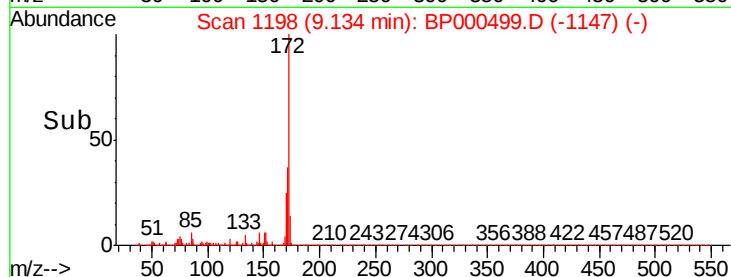
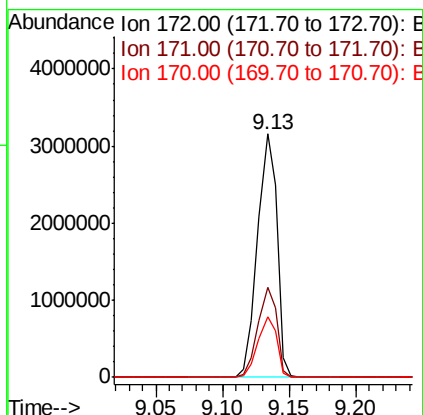
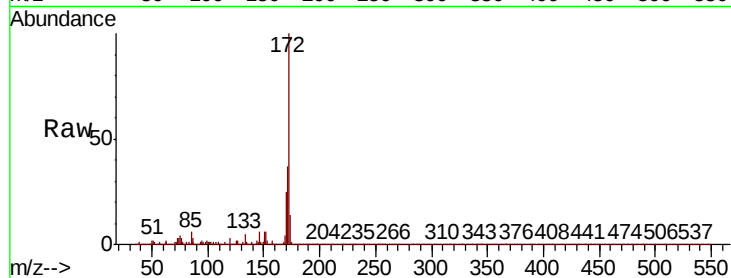




#45
2-Fluorobiphenyl
Concen: 83.379 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BP000499.D
Acq: 03 Oct 2019 16:45

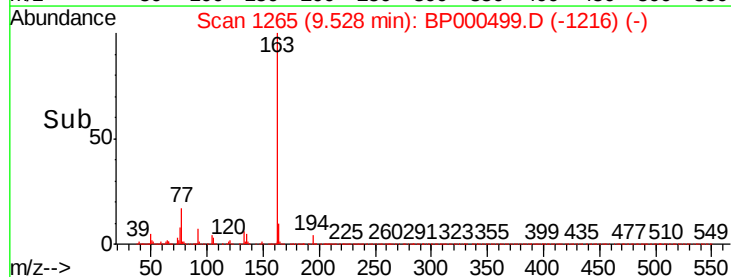
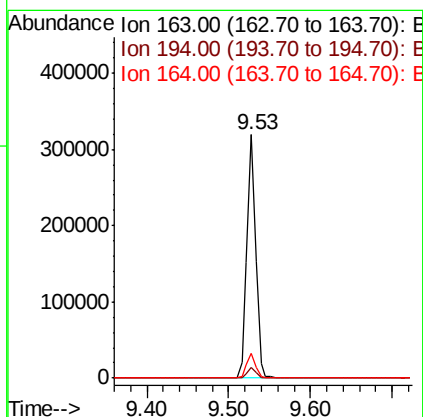
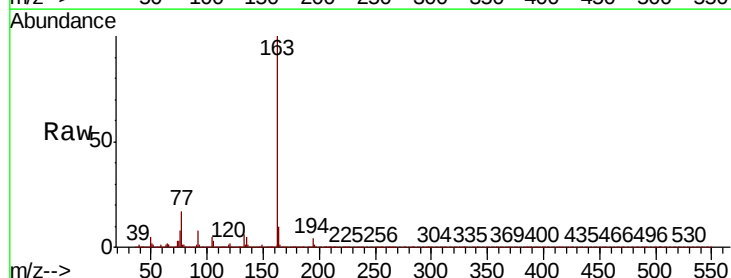
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20190829-COMPOSITE-E

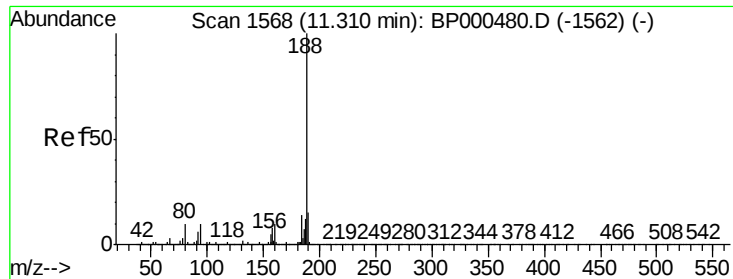
Tot Ion:172 Resp: 3128401
Ion Ratio Lower Upper
172 100
171 37.2 28.4 42.6
170 24.6 19.1 28.7



#50
Dimethylphthalate
Concen: 5.641 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000499.D
Acq: 03 Oct 2019 16:45

Tgt Ion:163 Resp: 237939
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.2 8.0 12.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BP000499.D

Acq: 03 Oct 2019 16:45

Instrument :

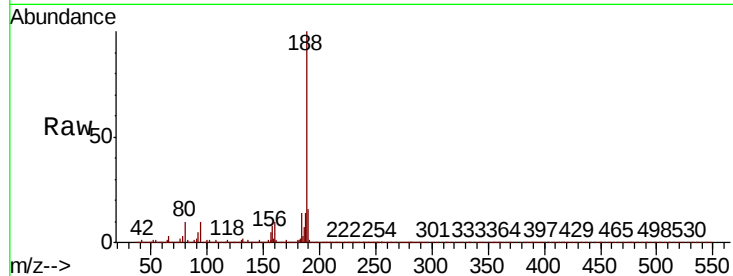
BNA_P

ClientSampleId :

20190829-COMPOSITE-E

Tot Ion:188 Resp: 1110547

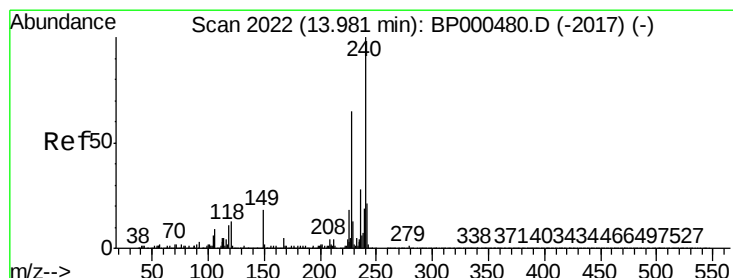
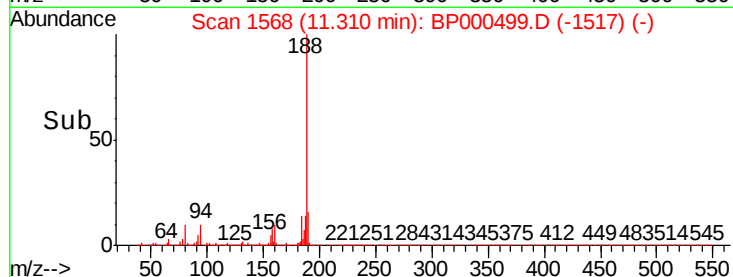
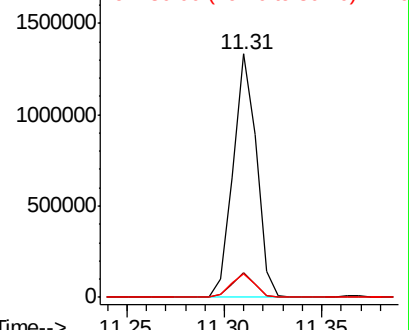
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	9.9	8.3	12.5



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: 13.98 min Scan# 2022

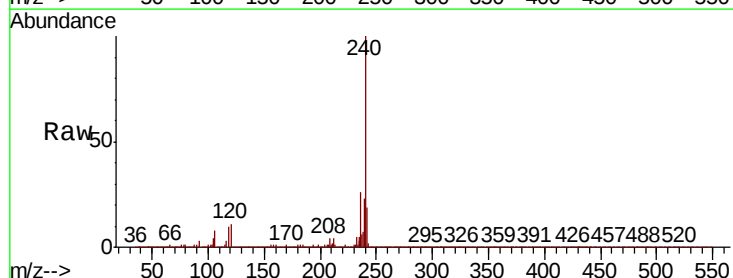
Delta R.T. -0.00 min

Lab File: BP000499.D

Acq: 03 Oct 2019 16:45

Tgt Ion:240 Resp: 867754

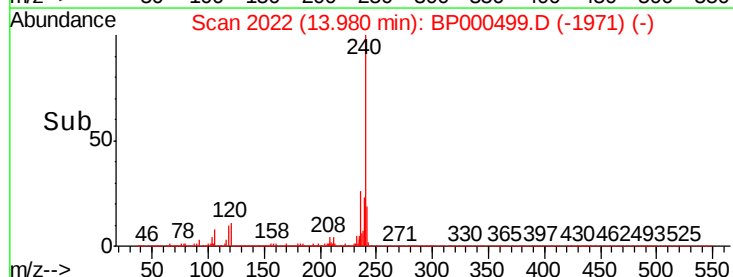
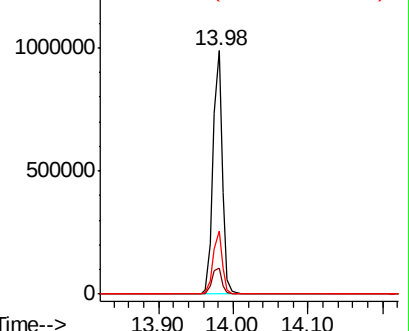
Ion	Ratio	Lower	Upper
240	100		
120	10.5	10.1	15.1
236	26.1	22.7	34.1

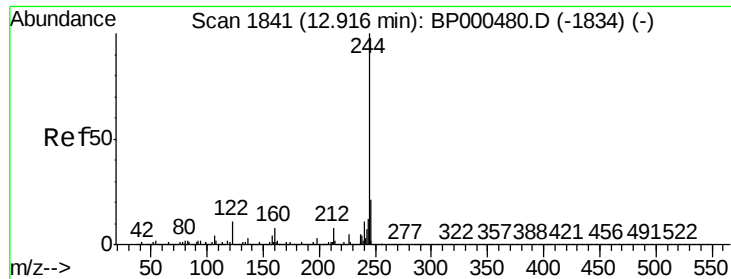


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

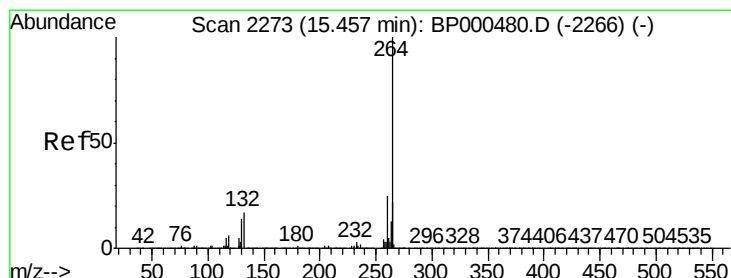
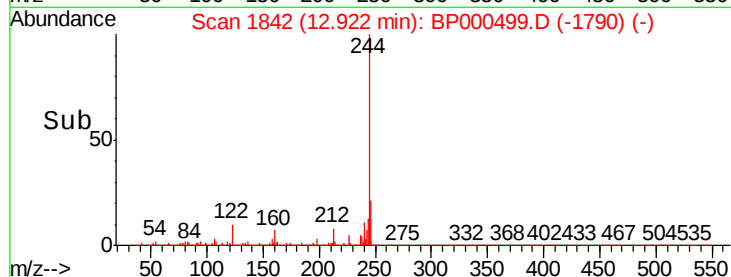
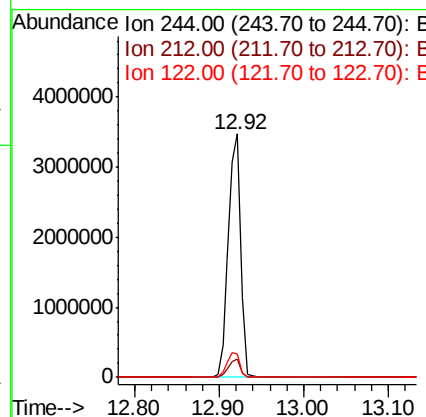
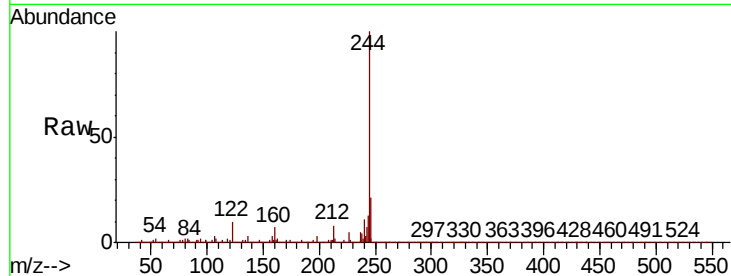




#79
 Terphenyl-d14
 Concen: 82.237 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BP000499.D
 Acq: 03 Oct 2019 16:45

Instrument :
 BNA_P
 ClientSampleId :
 20190829-COMPOSITE-E

Tot Ion:244 Resp: 3524492
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 9.7 8.9 13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: BP000499.D
 Acq: 03 Oct 2019 16:45

Tgt Ion:264 Resp: 516745
 Ion Ratio Lower Upper
 264 100
 260 23.4 20.3 30.5
 265 21.7 18.0 27.0

