

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000510.D
 Acq On : 04 Oct 2019 16:24
 Operator : JU
 Sample : PB123656BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 04 23:57:07 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	6.76	152	183561	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	722645	20.00	ng	-0.01
39) Acenaphthene-d10	9.81	164	405282	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	518721	20.00	ng	0.00
76) Chrysene-d12	13.97	240	522613	20.00	ng	0.00
87) Perylene-d12	15.46	264	602109	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1312198	114.91	ng	0.00
7) Phenol-d6	6.40	99	1570067	114.10	ng	0.00
23) Nitrobenzene-d5	7.32	82	927333	78.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	419624	97.16	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2037767	81.35	ng	0.00
79) Terphenyl-d14	12.92	244	2025852	78.49	ng	0.00

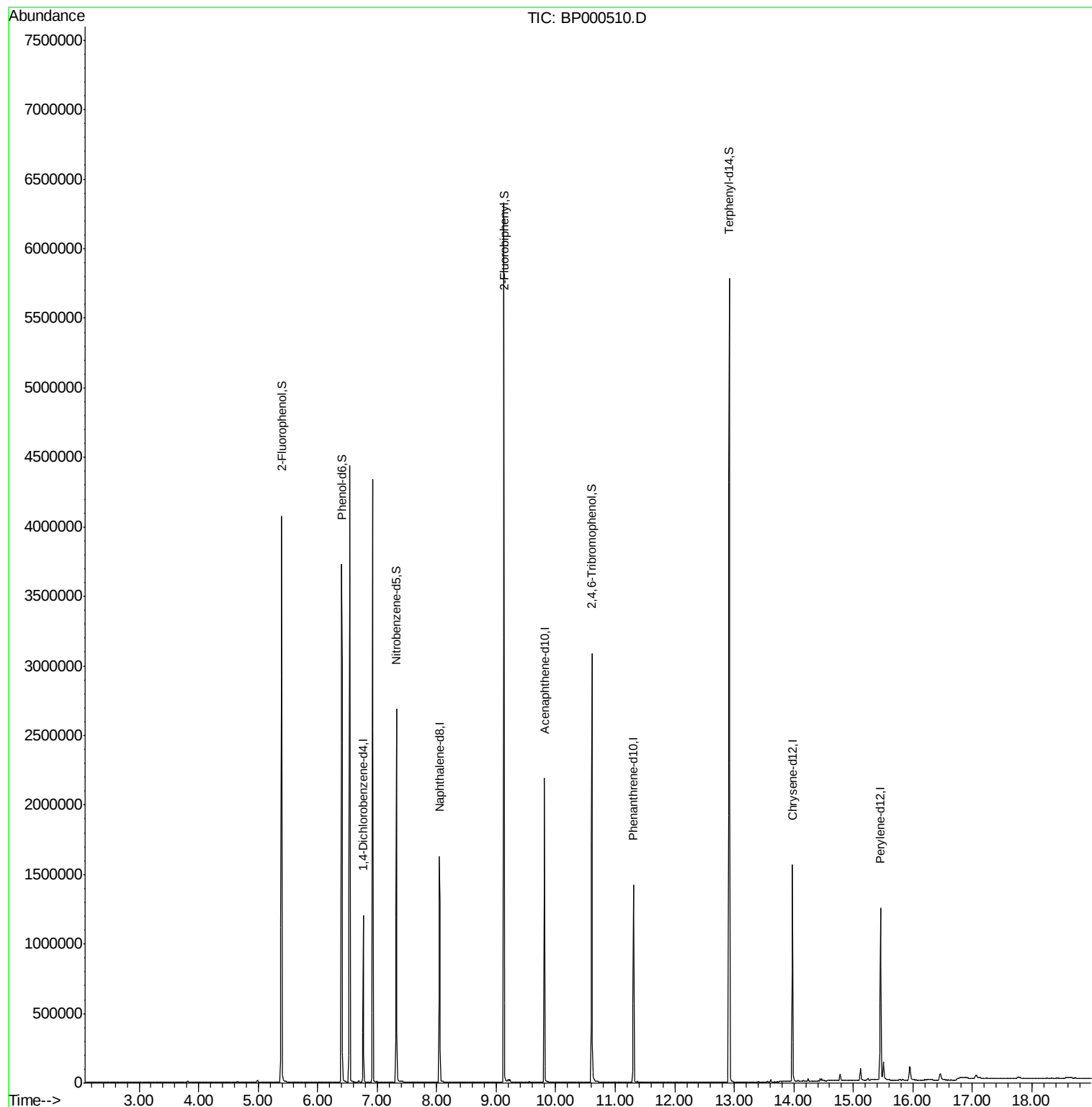
Target Compounds Qvalue

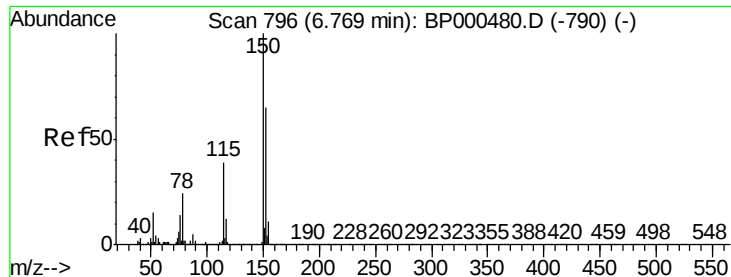
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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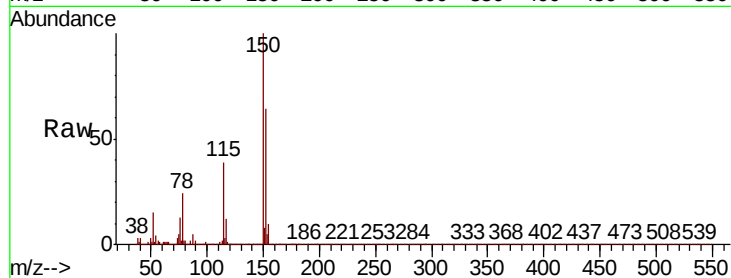


#1

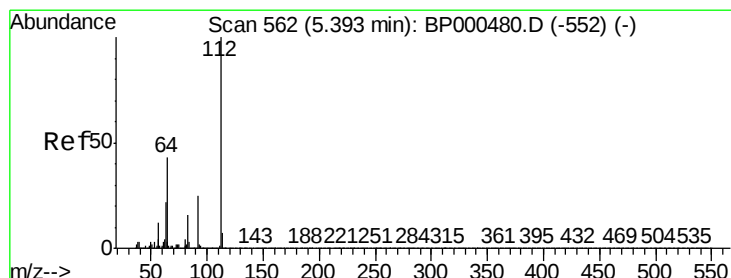
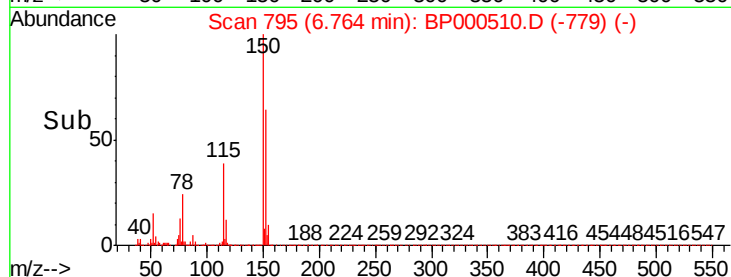
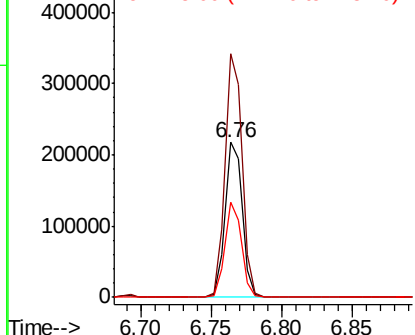
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Instrument :
BNA_P
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.1	186.1
115	61.8	48.7	73.1



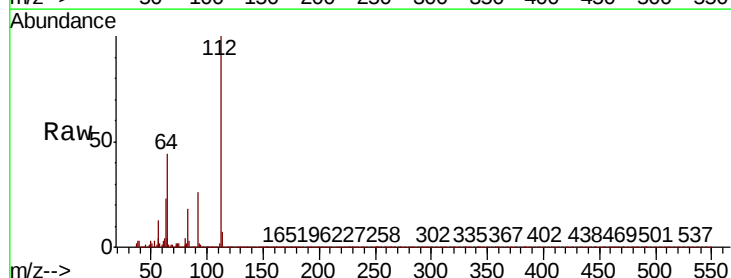
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



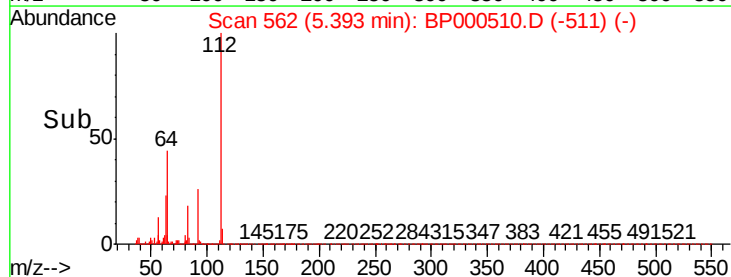
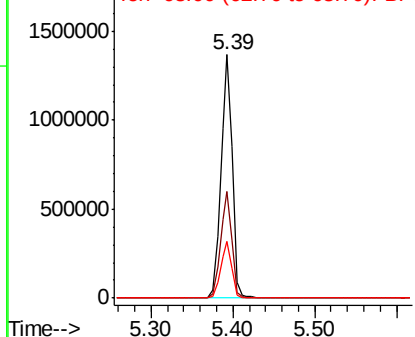
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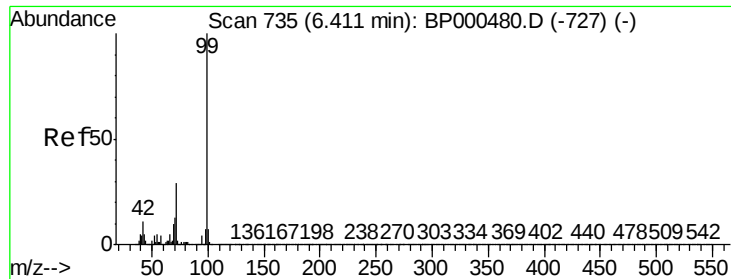
2-Fluorophenol
Concen: 114.909 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.00 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.7	34.2	51.4
63	23.2	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: 114.096 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BP000510.D

Acq: 04 Oct 2019 16:24

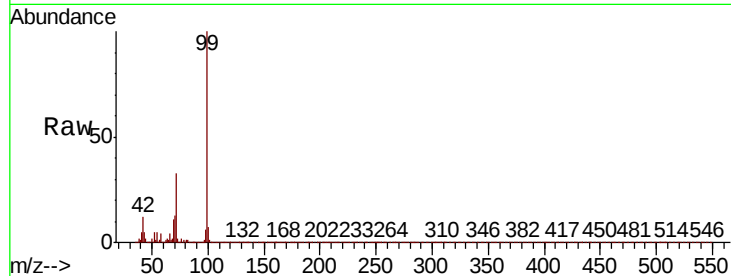
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1570067

Ion	Ratio	Lower	Upper
99	100		
42	11.7	8.6	12.8
71	32.6	23.0	34.4

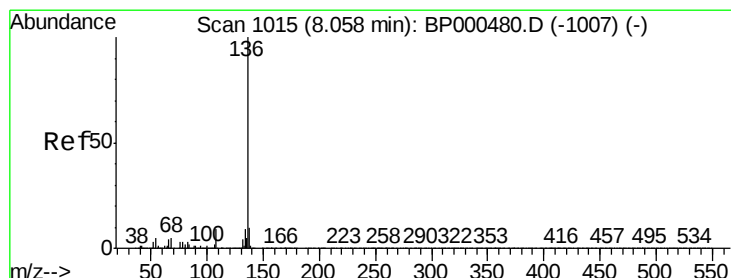
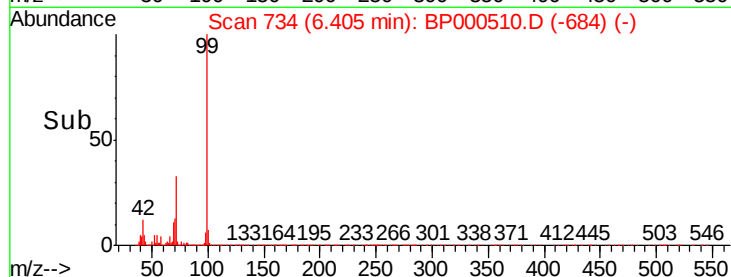
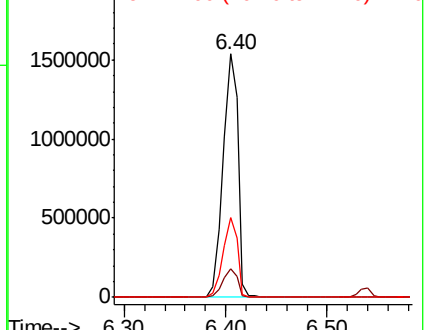


Abundance

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: 8.05 min Scan# 1013

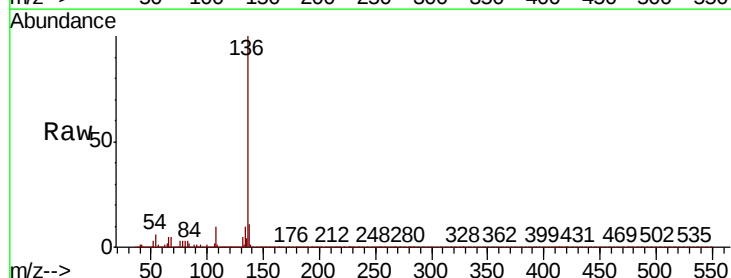
Delta R.T. -0.01 min

Lab File: BP000510.D

Acq: 04 Oct 2019 16:24

Tgt Ion: 136 Resp: 722645

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.6	4.1	6.1
68	5.4	4.1	6.1



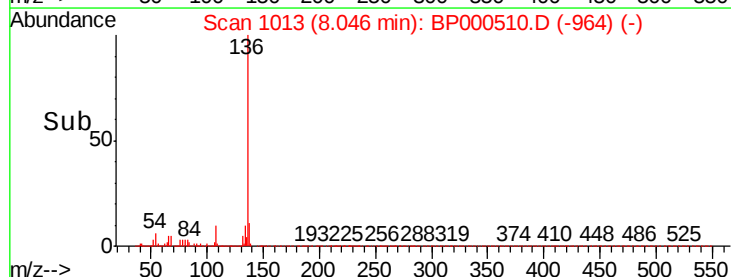
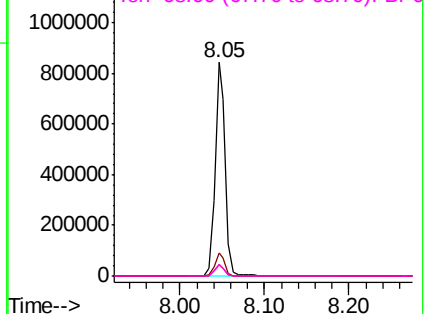
Abundance

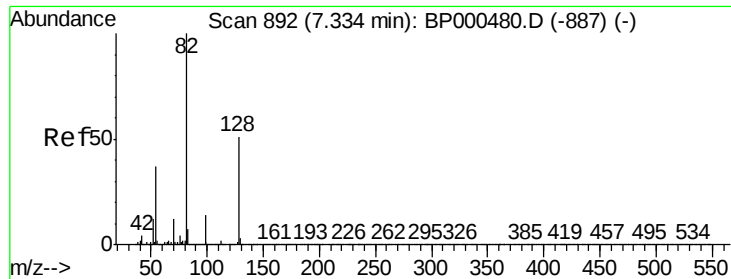
Ion 136.00 (135.70 to 136.70): E

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

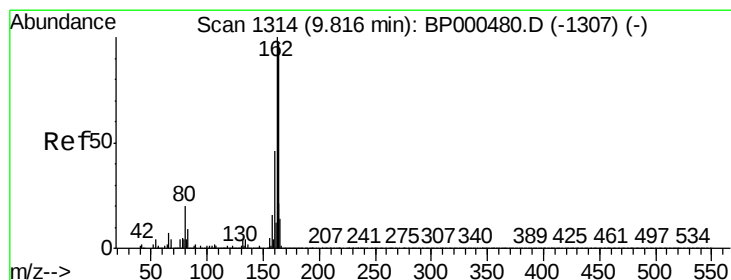
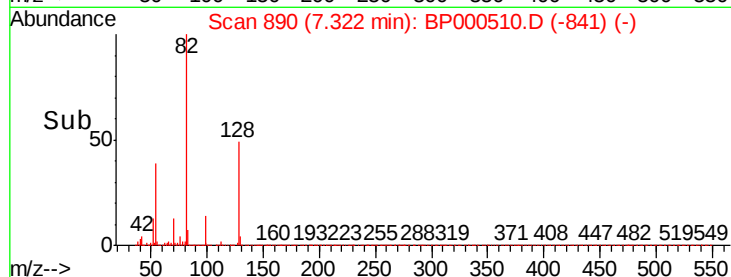
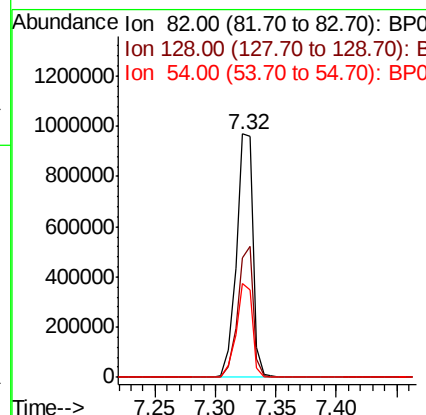
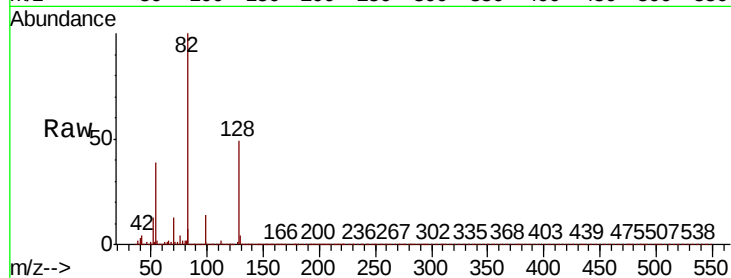




#23
 Nitrobenzene-d5
 Concen: 78.375 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BP000510.D
 Acq: 04 Oct 2019 16:24

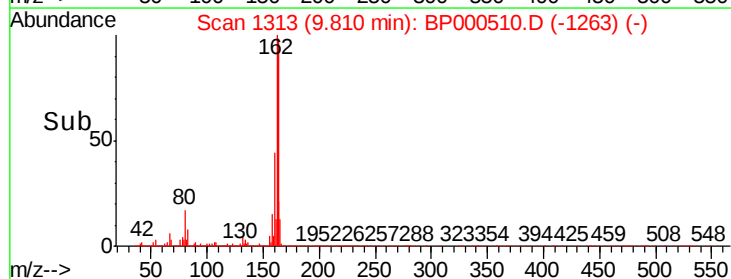
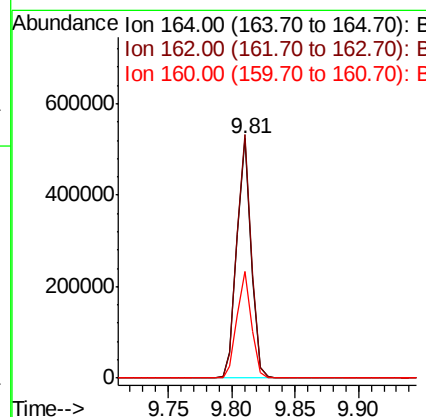
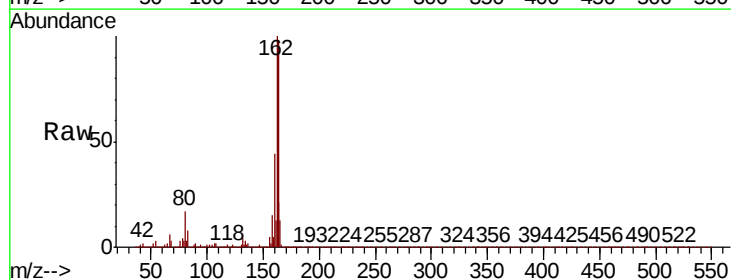
Instrument :
 BNA_P
 ClientSampleId :

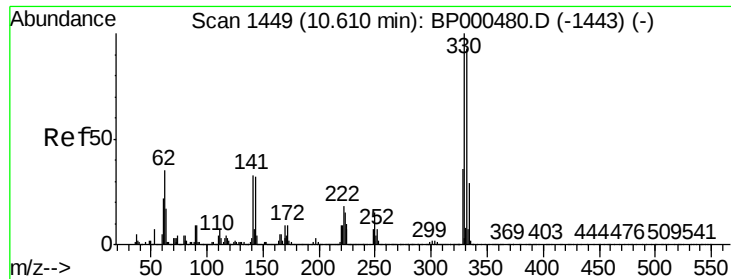
Tot Ion	82	Resp	927333
Ion Ratio	Lower	Upper	
82	100		
128	49.0	40.9	61.3
54	38.7	29.4	44.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BP000510.D
 Acq: 04 Oct 2019 16:24

Tgt Ion	164	Resp	405282
Ion Ratio	Lower	Upper	
164	100		
162	101.6	82.2	123.2
160	44.7	37.6	56.4

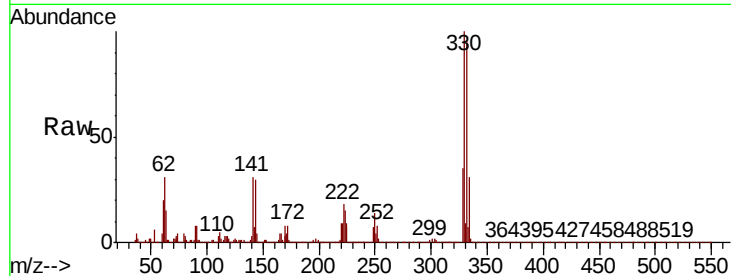




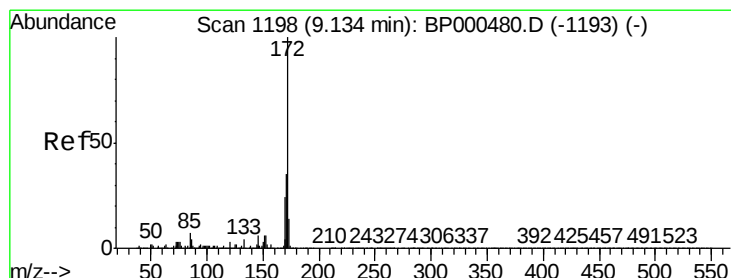
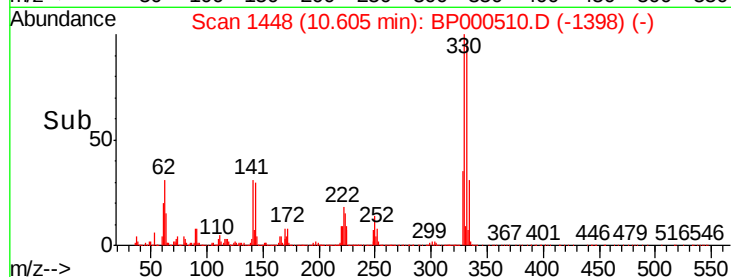
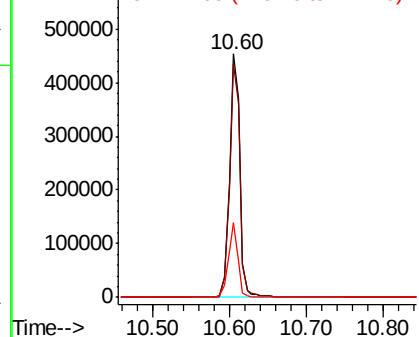
#42
2,4,6-Tribromophenol
Concen: 97.163 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 419624
Ion Ratio Lower Upper
330 100
332 96.4 77.1 115.7
141 28.5 26.0 39.0

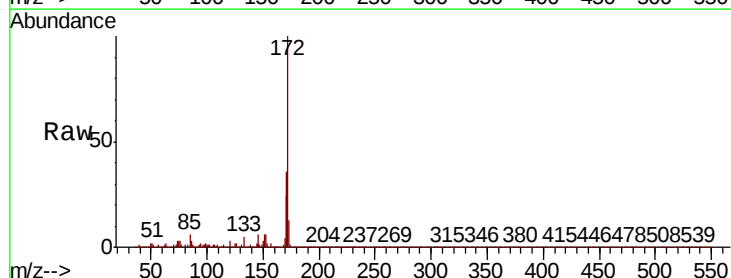


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

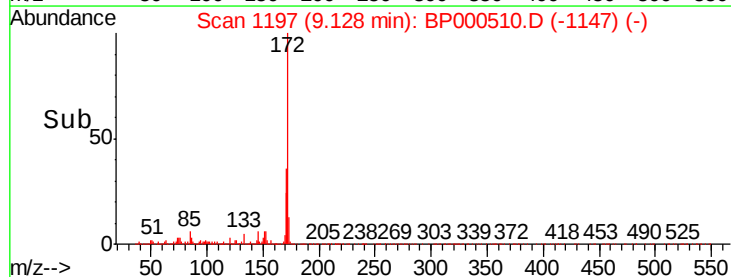
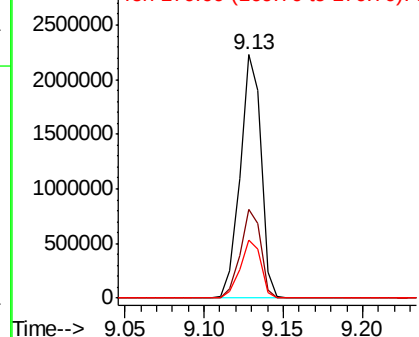


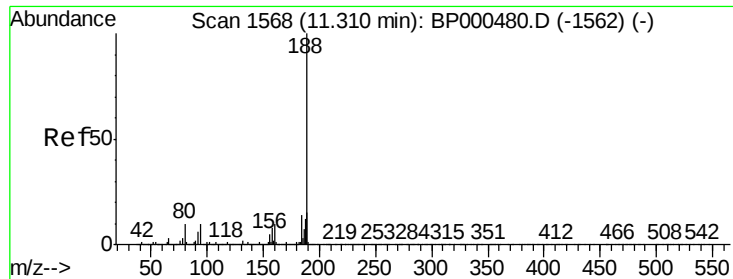
#45
2-Fluorobiphenyl
Concen: 81.353 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Tgt Ion:172 Resp: 2037767
Ion Ratio Lower Upper
172 100
171 36.2 28.4 42.6
170 23.9 19.1 28.7



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

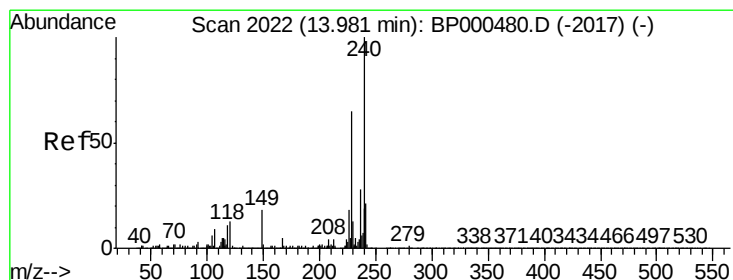
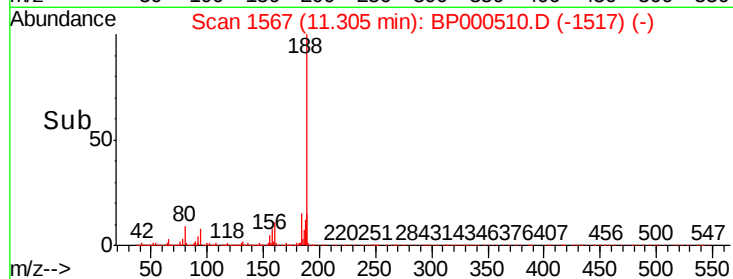
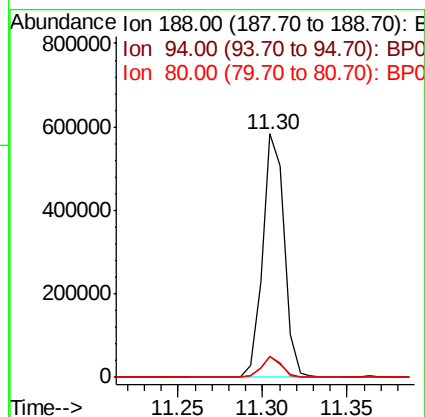
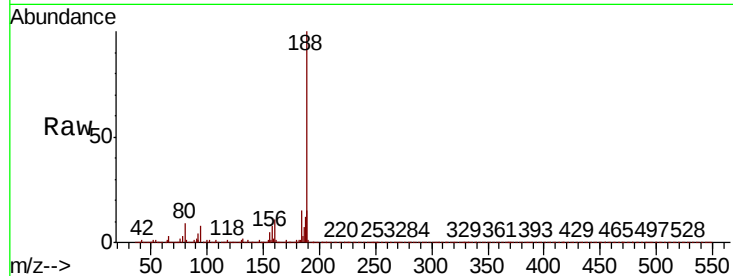




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

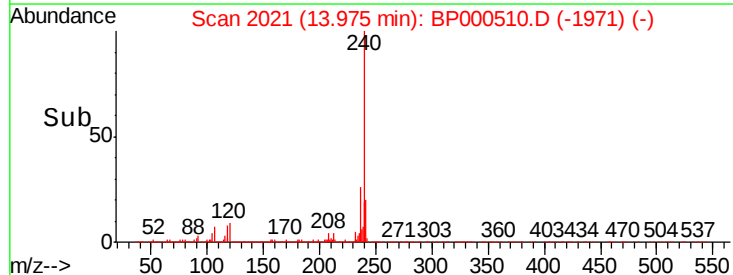
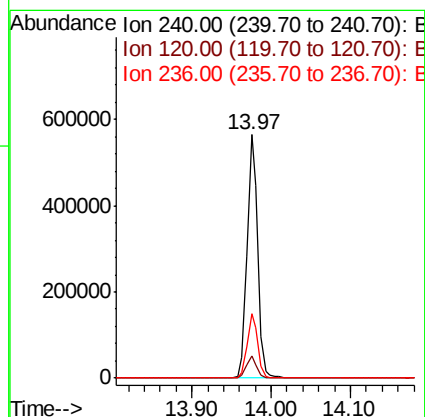
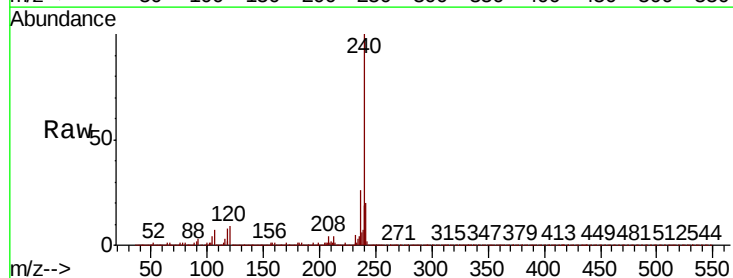
Instrument :
BNA_P
ClientSampleId :

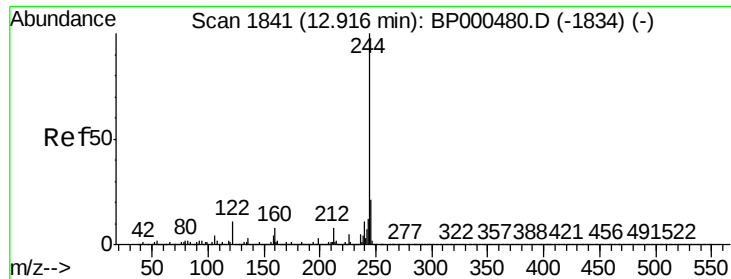
Tot Ion:188 Resp: 518721
Ion Ratio Lower Upper
188 100
94 8.3 8.2 12.2
80 8.6 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000510.D
Acq: 04 Oct 2019 16:24

Tgt Ion:240 Resp: 522613
Ion Ratio Lower Upper
240 100
120 9.0 10.1 15.1#
236 26.3 22.7 34.1

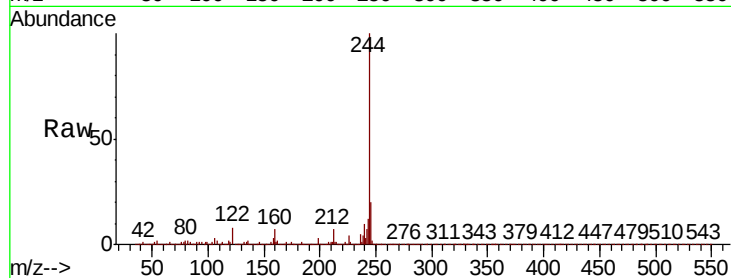




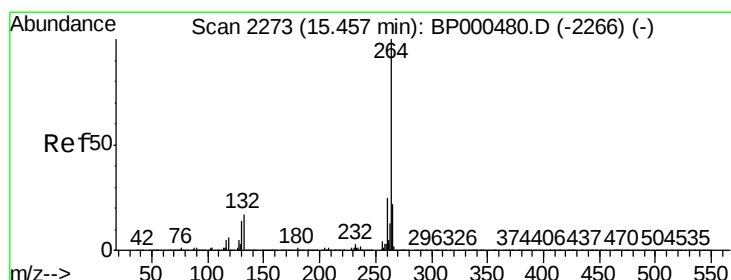
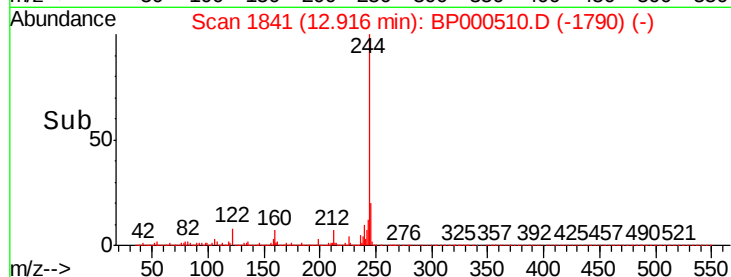
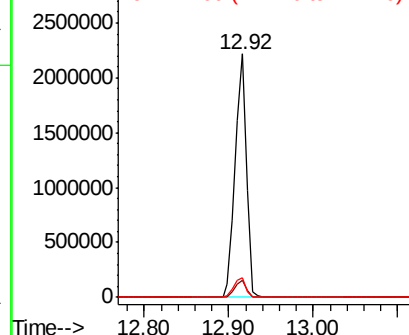
#79
 Terphenyl-d14
 Concen: 78.486 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BP000510.D
 Acq: 04 Oct 2019 16:24

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:244 Resp: 2025852
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 8.2 8.9 13.3#

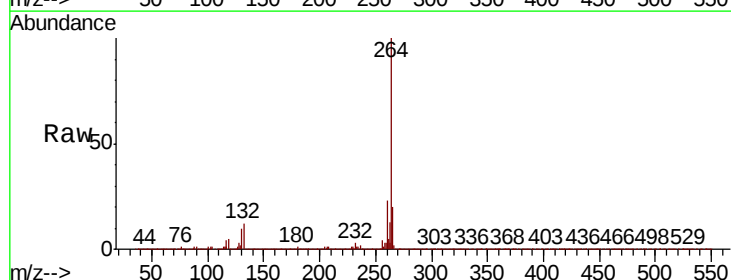


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: BP000510.D
 Acq: 04 Oct 2019 16:24

Tgt Ion:264 Resp: 602109
 Ion Ratio Lower Upper
 264 100
 260 23.2 20.3 30.5
 265 20.3 18.0 27.0



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

