

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
 Data File : BP000292.D
 Acq On : 18 Sep 2019 12:38
 Operator : HP/JU
 Sample : PB123133BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Sep 19 03:15:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 16 18:59:05 2019
 Response via : Initial Calibration

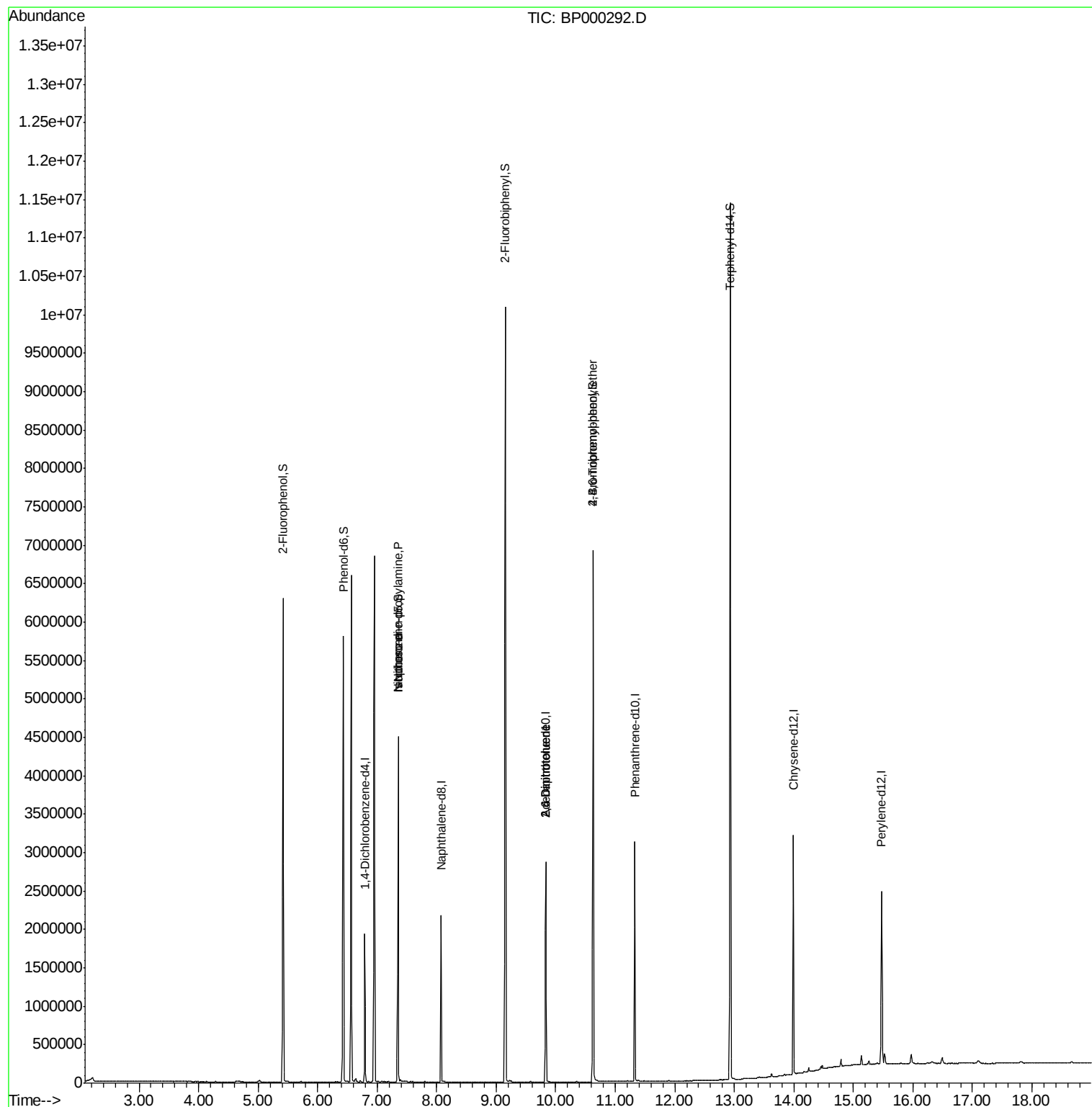
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	270661	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	975074	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	544415	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	1037825	20.00	ng	0.00
76) Chrysene-d12	13.99	240	976626	20.00	ng	0.00
87) Perylene-d12	15.47	264	1049807	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2064792	131.70	ng	0.02
7) Phenol-d6	6.43	99	2565610	133.50	ng	0.01
23) Nitrobenzene-d5	7.35	82	1480518	97.96	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	909280	168.39	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	3202067	105.86	ng	0.00
79) Terphenyl-d14	12.93	244	4153575	89.22	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	45158	Below Cal		82
19) n-Nitroso-di-n-propylamine	7.35	70	183237	18.033 ng	#	75
25) Isophorone	7.35	82	1478587	49.409 ng	#	63
51) 2,6-Dinitrotoluene	9.83	165	71064	8.713 ng	#	30
57) 2,4-Dinitrotoluene	9.83	165	71064	6.665 ng	#	35
67) 4-Bromophenyl-phenylether	10.63	248	61176	5.213 ng	#	1
69) Atrazine	11.06	200	57	Below Cal		93

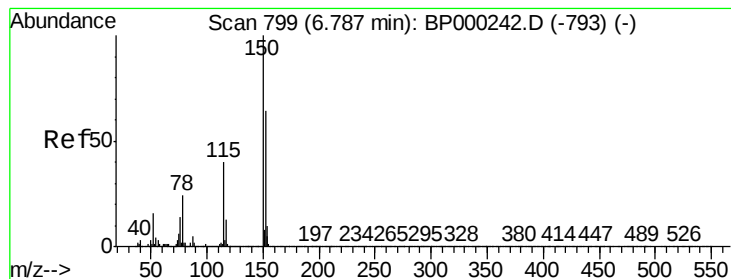
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091819\
Data File : BP000292.D
Acq On : 18 Sep 2019 12:38
Operator : HP/JU
Sample : PB123133BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampled :

Quant Time: Sep 19 03:15:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 16 18:59:05 2019
Response via : Initial Calibration



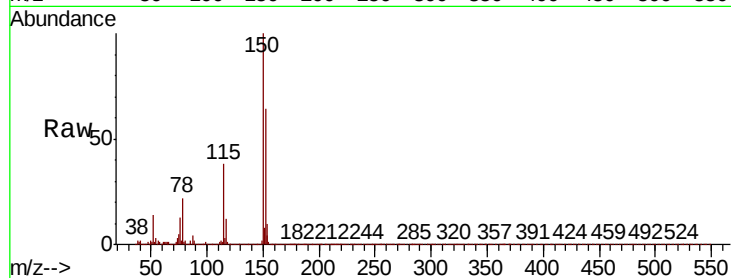


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BP000292.D
Acq: 18 Sep 2019 12:38

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.2	187.8
115	59.0	49.7	74.5

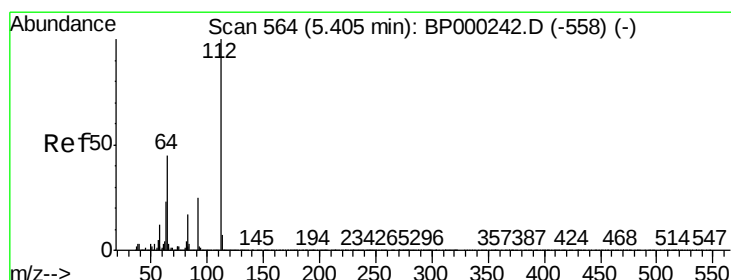
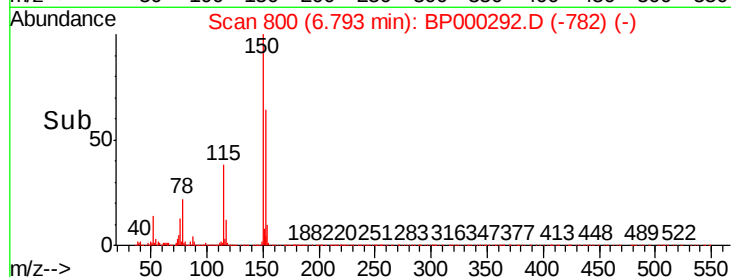
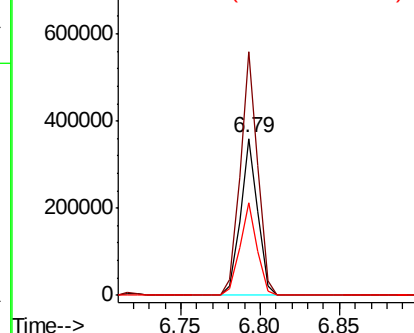


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

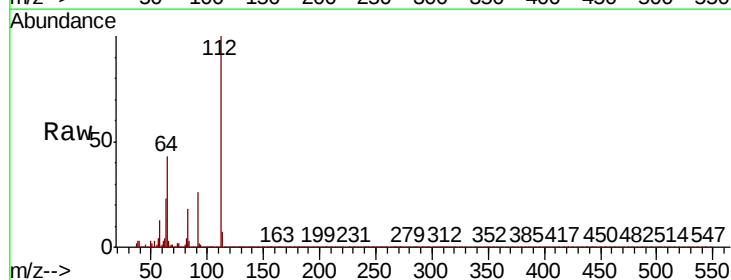
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.698 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.02 min
Lab File: BP000292.D
Acq: 18 Sep 2019 12:38

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.8	36.2	54.4
63	23.0	18.3	27.5

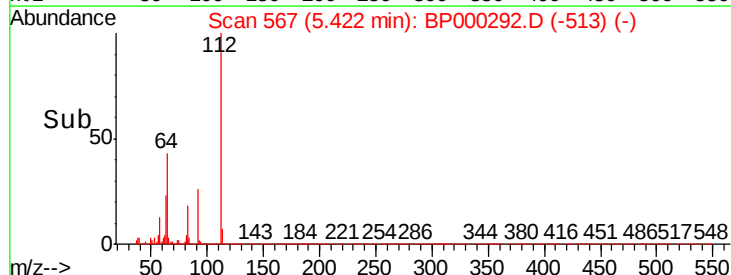
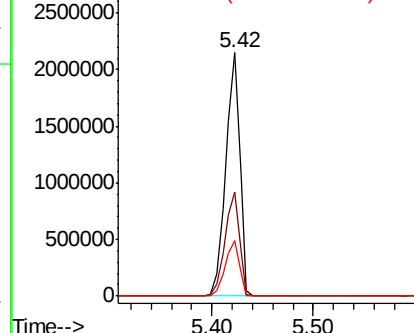


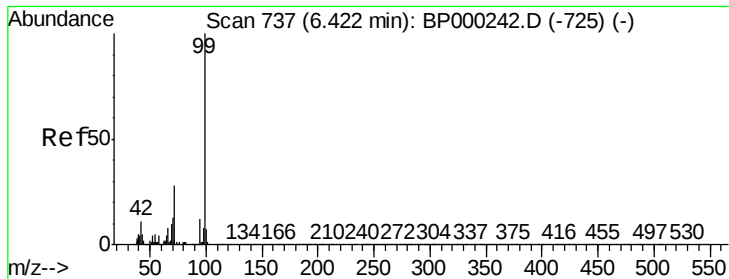
Abundance

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: 133.499 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.01 min

Lab File: BP000292.D

Acq: 18 Sep 2019 12:38

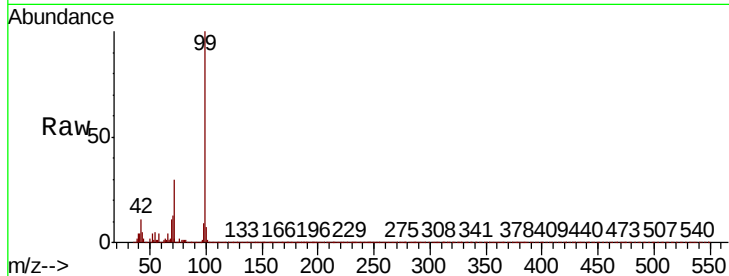
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 2565610

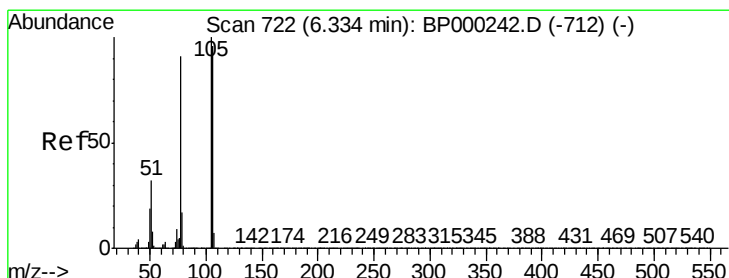
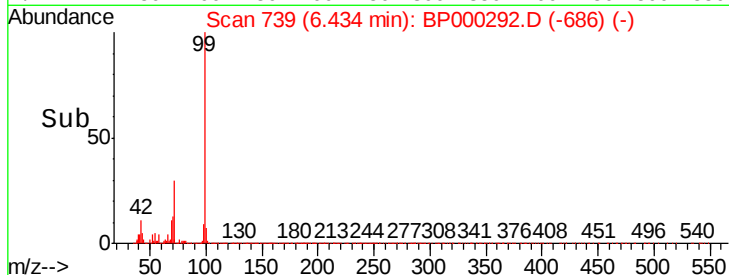
Ion	Ratio	Lower	Upper
99	100		
42	10.7	8.5	12.7
71	30.4	22.6	34.0



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



#9

Benzaldehyde

Concen: Below Cal

RT: 6.56 min Scan# 761

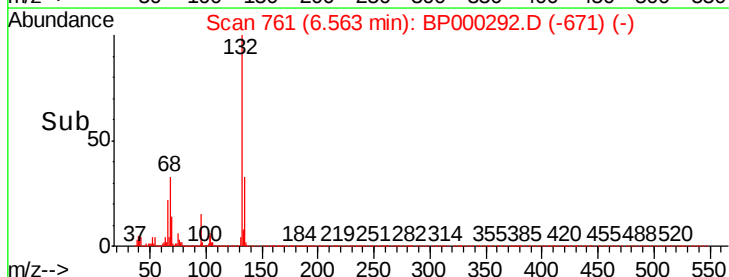
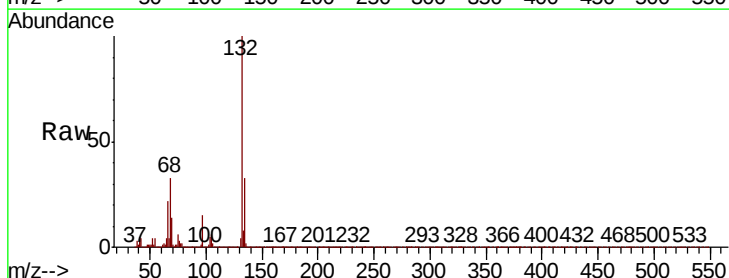
Delta R.T. 0.23 min

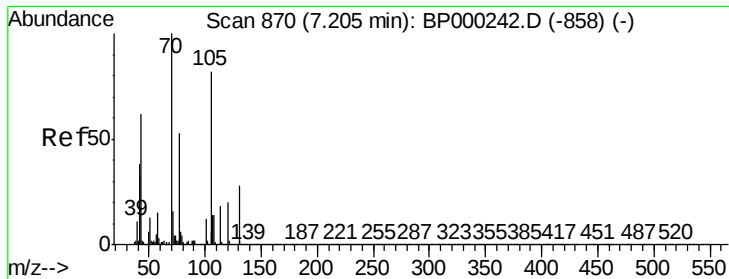
Lab File: BP000292.D

Acq: 18 Sep 2019 12:38

Tgt Ion: 77 Resp: 45158

Ion	Ratio	Lower	Upper
77	100		
105	91.8	89.6	129.6
106	85.4	84.6	124.6

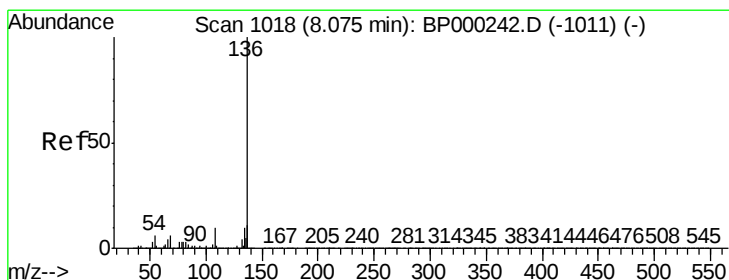
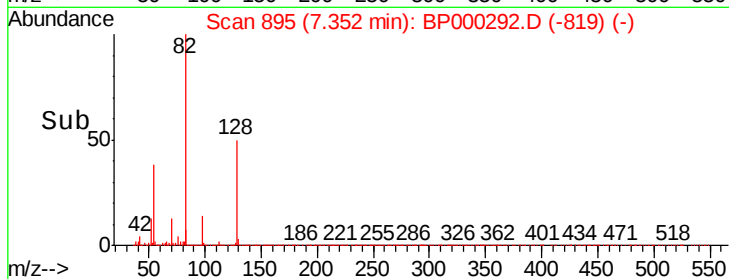
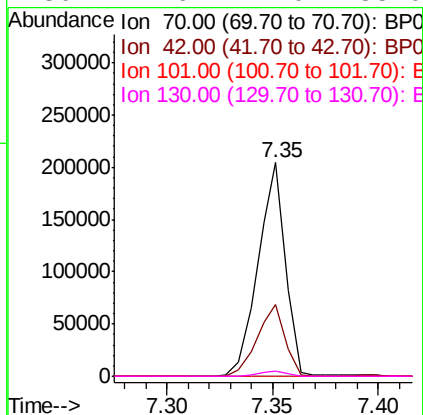
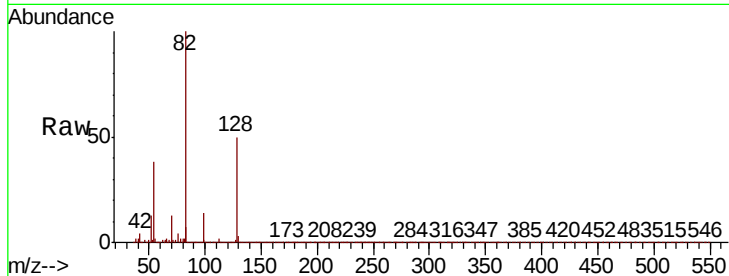




#19
n-Nitroso-di-n-propylamine
Concen: 18.033 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.15 min
Lab File: BP000292.D
Acq: 18 Sep 2019 12:38

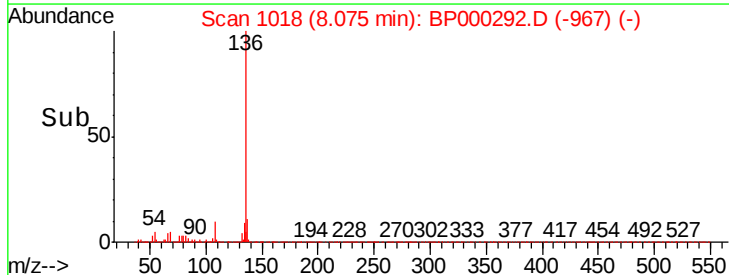
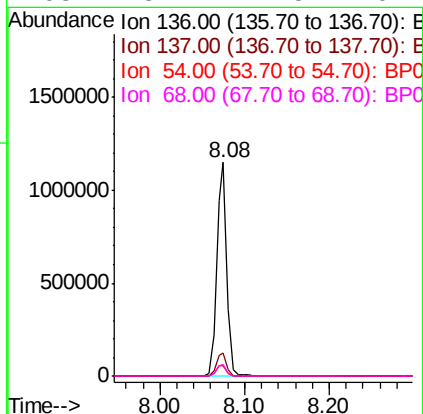
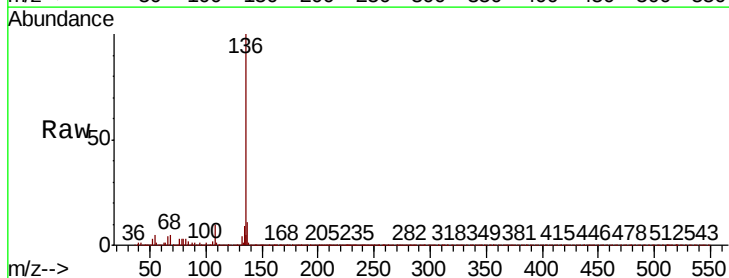
Instrument :
BNA_P
ClientSampleId :

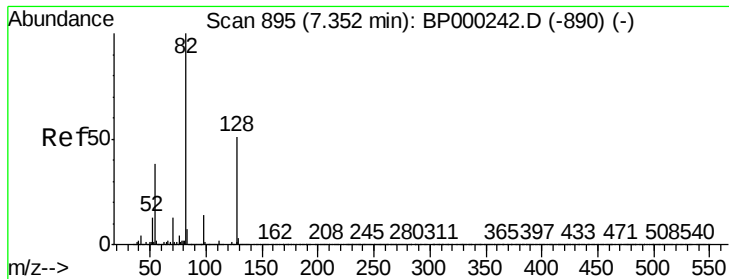
Tot Ion:	70	Resp:	183237
Ion Ratio	Lower	Upper	
70	100		
42	33.7	30.7	46.1
101	0.0	9.6	14.4#
130	2.6	22.0	33.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000292.D
Acq: 18 Sep 2019 12:38

Tgt Ion:	136	Resp:	975074
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.6	13.0
54	5.0	4.5	6.7
68	5.1	4.5	6.7

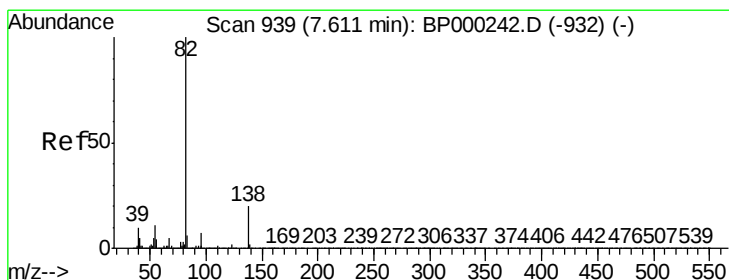
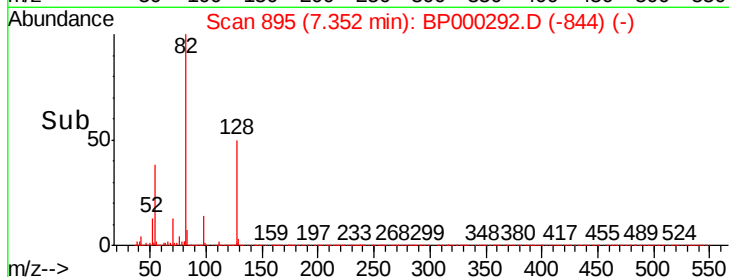
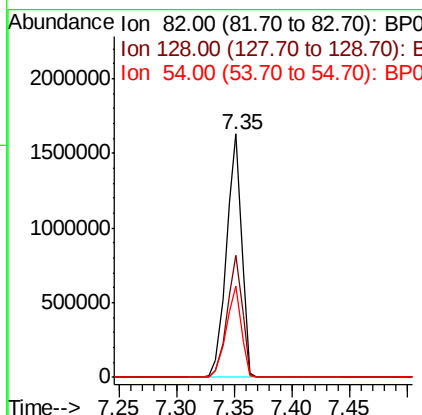
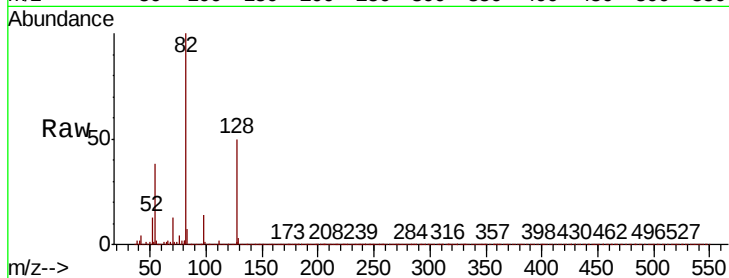




#23
Nitrobenzene-d5
Concen: 97.964 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BP000292.D
Acq: 18 Sep 2019 12:38

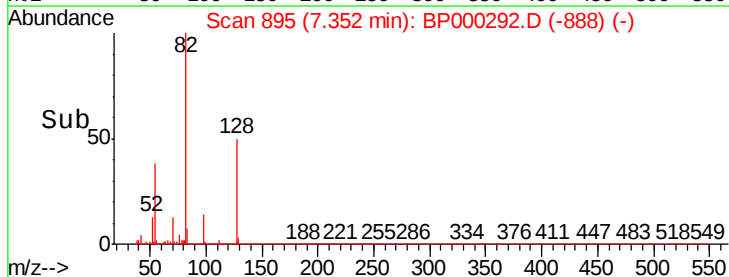
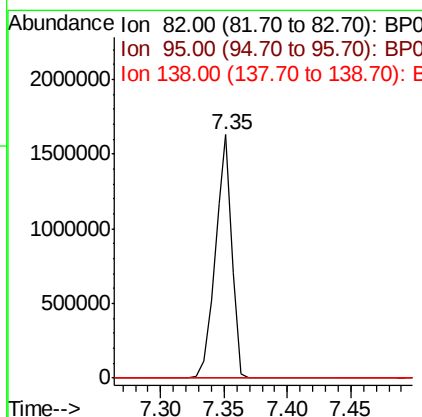
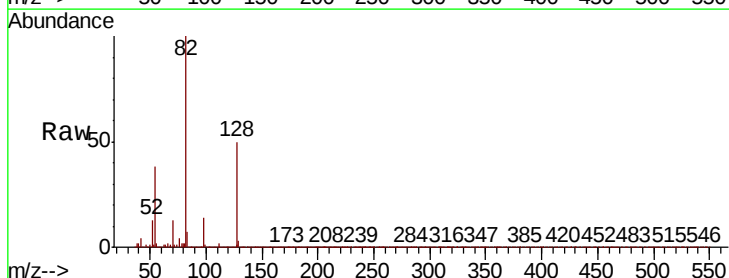
Instrument :
BNA_P
ClientSampled :

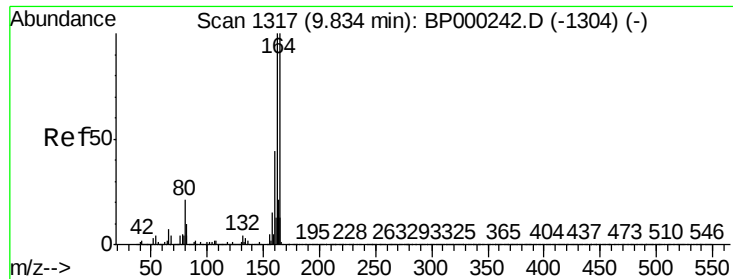
Tot Ion: 82 Resp: 1480518
Ion Ratio Lower Upper
82 100
128 50.3 40.7 61.1
54 37.5 30.1 45.1



#25
Isophorone
Concen: 49.409 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BP000292.D
Acq: 18 Sep 2019 12:38

Tgt Ion: 82 Resp: 1478587
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 15.9 23.9#

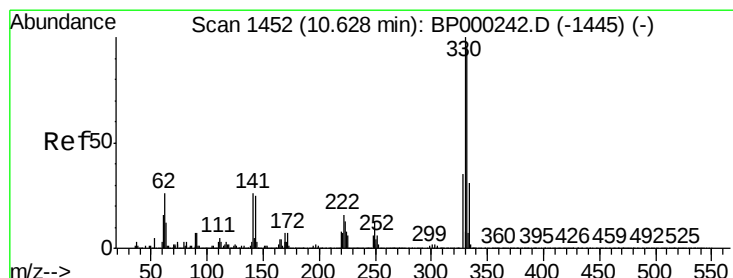
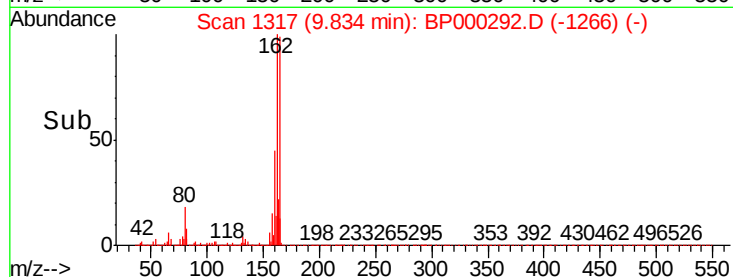
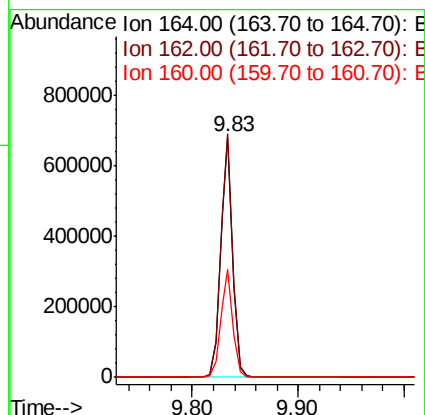
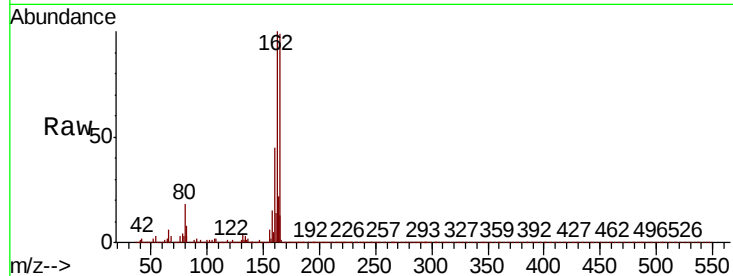




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BP000292.D
Acq: 18 Sep 2019 12:38

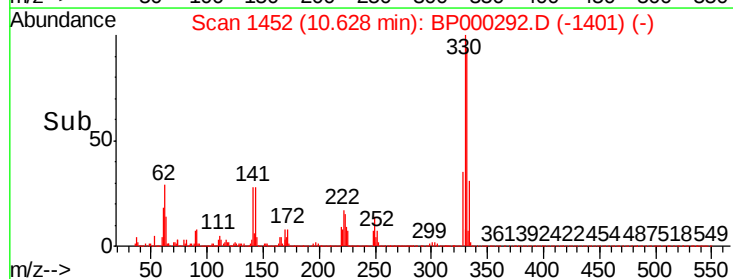
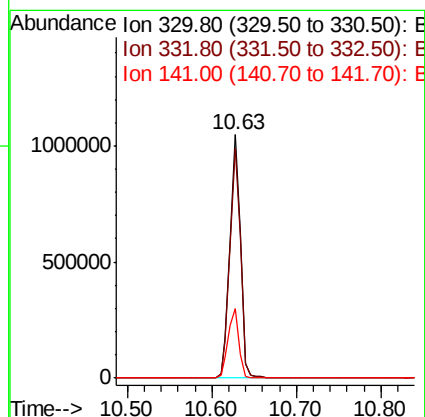
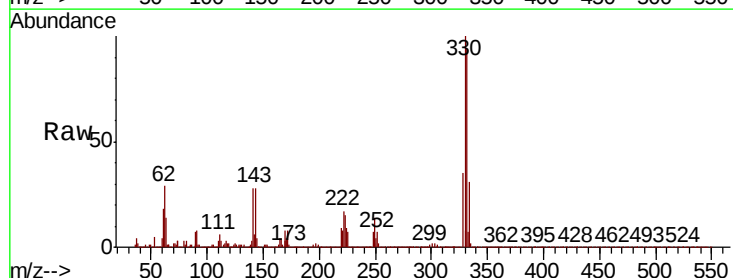
Instrument :
BNA_P
ClientSampled :

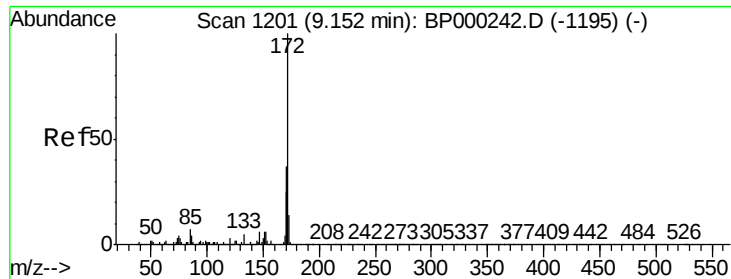
Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	79.9	119.9
160	45.1	35.6	53.4



#42
2,4,6-Tribromophenol
Concen: 168.389 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.00 min
Lab File: BP000292.D
Acq: 18 Sep 2019 12:38

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.6	115.0
141	29.6	26.5	39.7

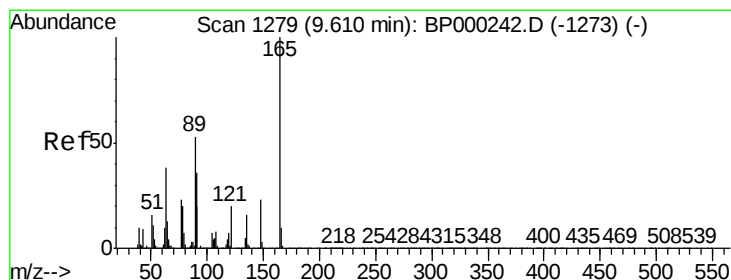
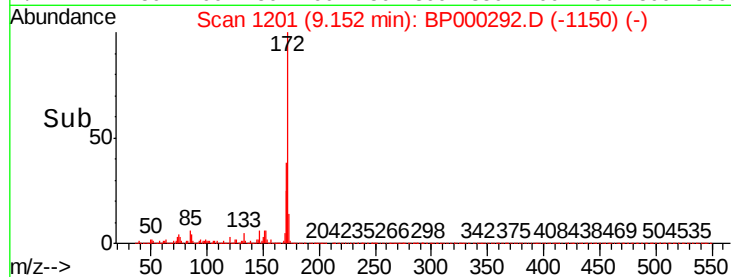
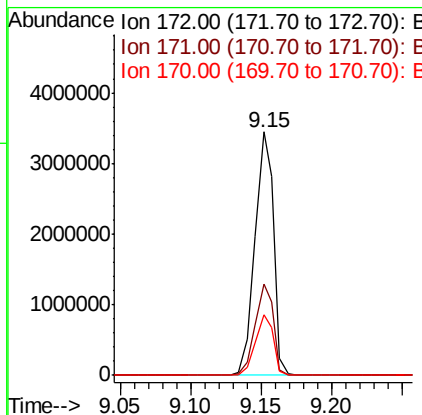
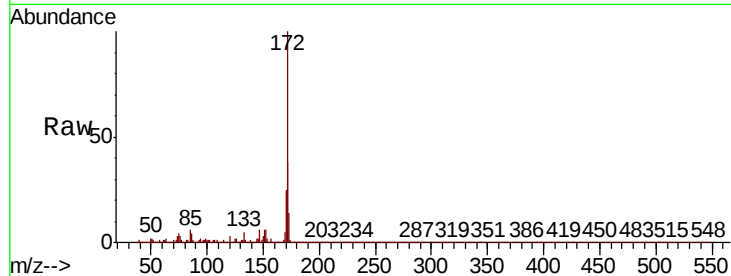




#45
2-Fluorobiphenyl
Concen: 105.859 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BP000292.D
Acq: 18 Sep 2019 12:38

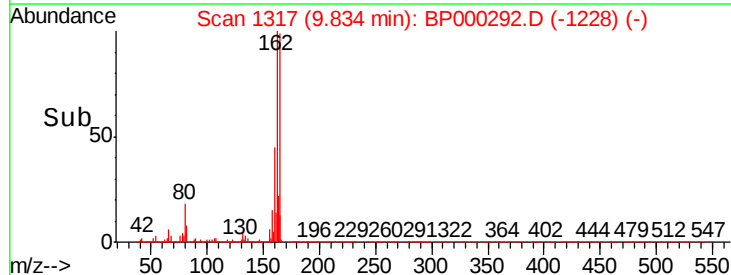
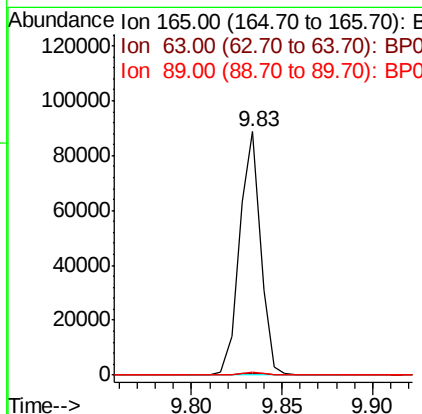
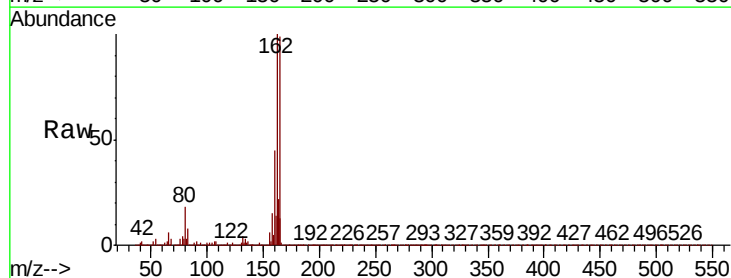
Instrument :
BNA_P
ClientSampleId :

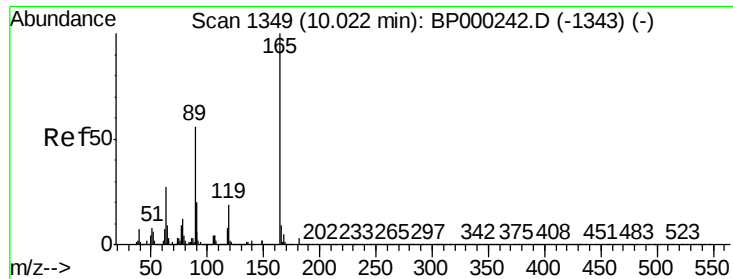
Tot Ion:172 Resp: 3202067
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 24.9 19.8 29.6



#51
2,6-Dinitrotoluene
Concen: 8.713 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.22 min
Lab File: BP000292.D
Acq: 18 Sep 2019 12:38

Tgt Ion:165 Resp: 71064
Ion Ratio Lower Upper
165 100
63 0.8 35.8 53.8#
89 1.3 42.6 63.8#

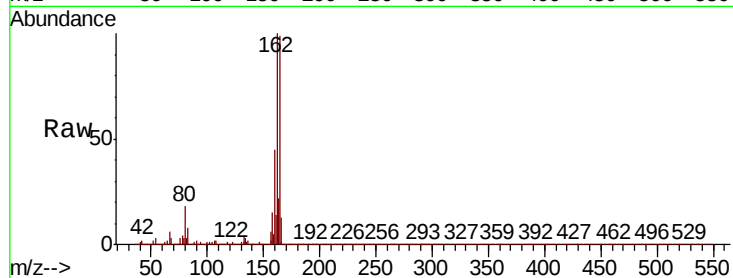




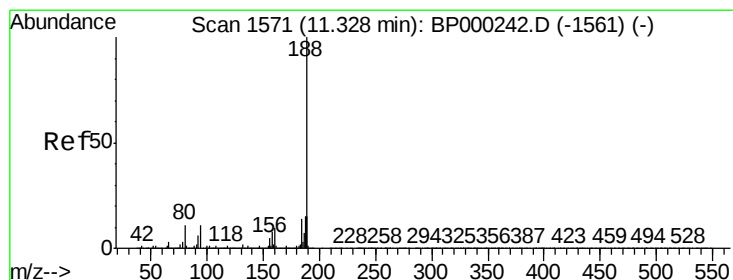
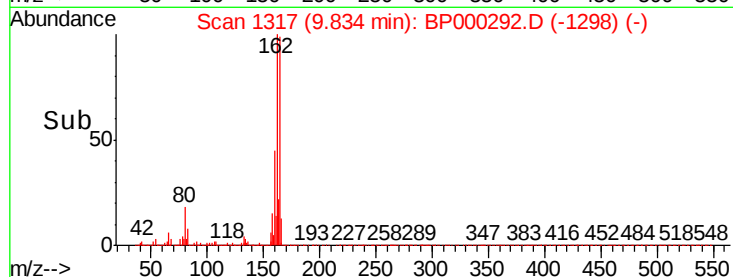
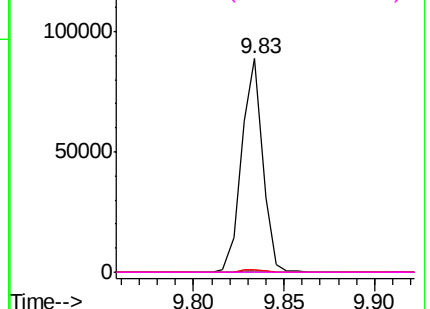
#57
2,4-Dinitrotoluene
Concen: 6.665 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.19 min
Lab File: BP000292.D
Acq: 18 Sep 2019 12:38

Instrument :
BNA_P
ClientSampleId :

Tot Ion:165 Resp: 71064
Ion Ratio Lower Upper
165 100
63 0.8 21.7 32.5#
89 1.3 45.0 67.6#
182 0.0 2.4 3.6#

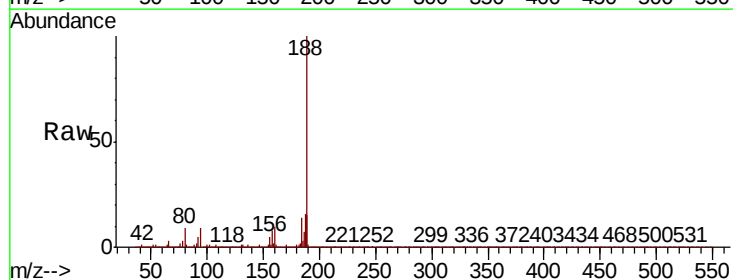


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 89.00 (88.70 to 89.70): BP0
Ion 182.00 (181.70 to 182.70): E

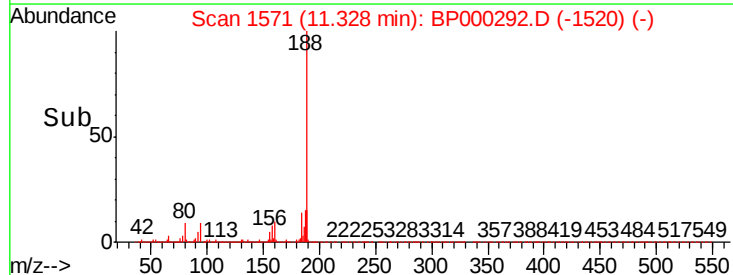
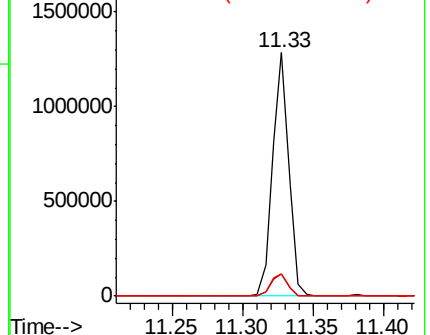


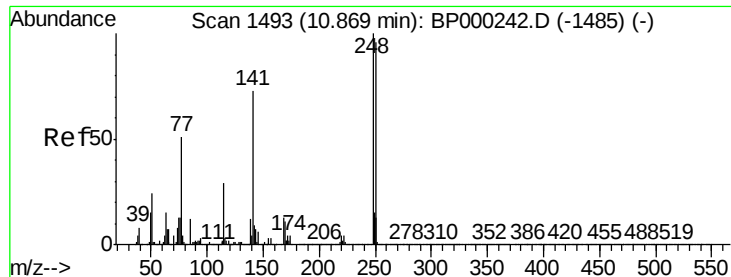
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BP000292.D
Acq: 18 Sep 2019 12:38

Tgt Ion:188 Resp: 1037825
Ion Ratio Lower Upper
188 100
94 9.1 8.5 12.7
80 9.2 8.6 13.0



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

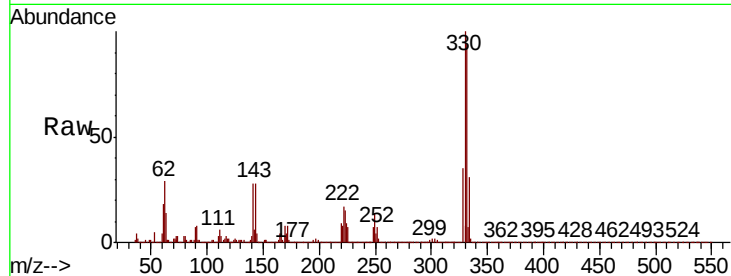




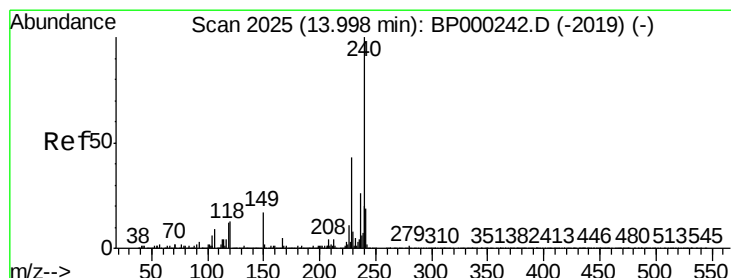
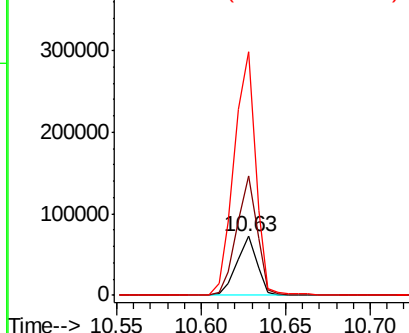
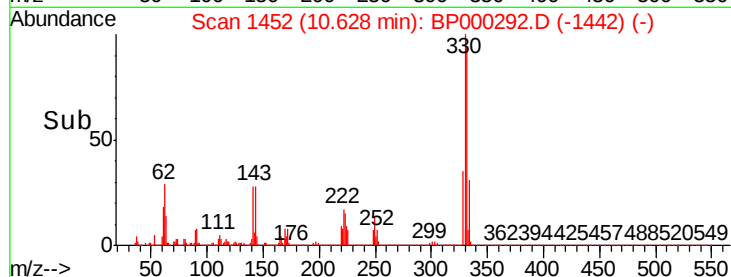
#67
4-Bromophenyl-phenylether
Concen: 5.213 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.24 min
Lab File: BP000292.D
Acq: 18 Sep 2019 12:38

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 61176
Ion Ratio Lower Upper
248 100
250 203.1 77.0 115.4#
141 414.3 58.5 87.7#

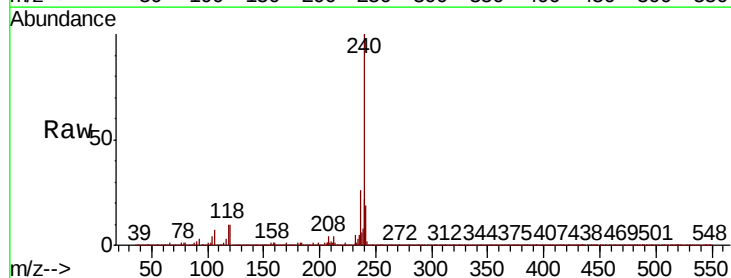


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

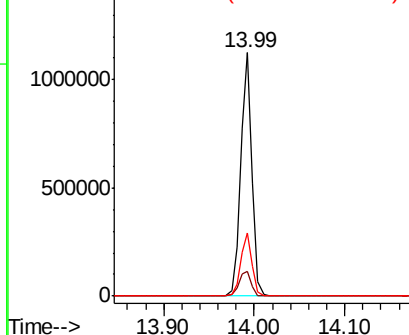
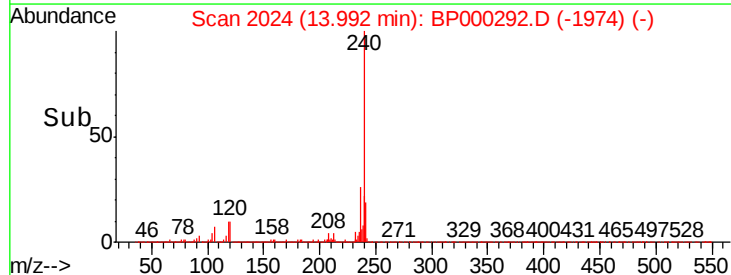


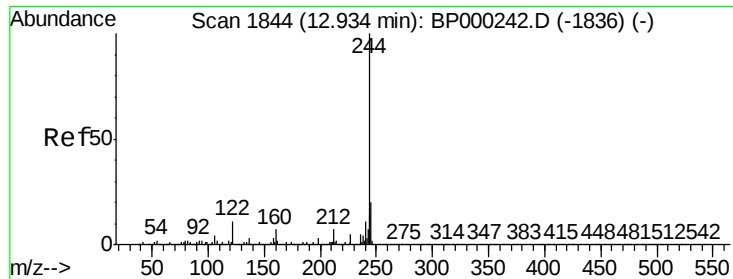
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000292.D
Acq: 18 Sep 2019 12:38

Tgt Ion:240 Resp: 976626
Ion Ratio Lower Upper
240 100
120 10.3 10.4 15.6#
236 25.8 21.0 31.6



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: 89.221 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BP000292.D

Acq: 18 Sep 2019 12:38

Instrument :

BNA_P

ClientSampleId :

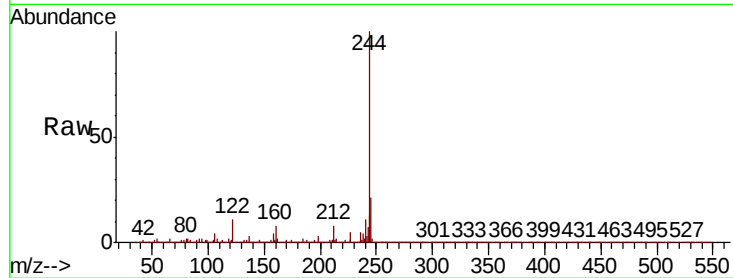
Tot Ion:244 Resp: 4153575

Ion Ratio Lower Upper

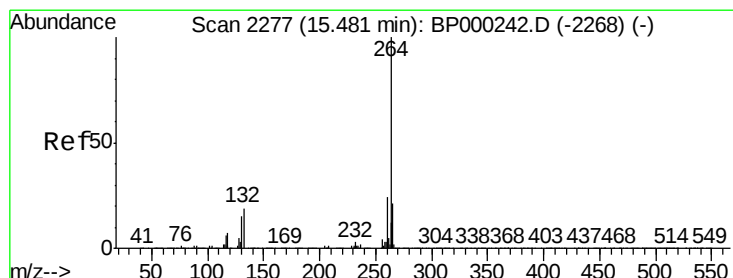
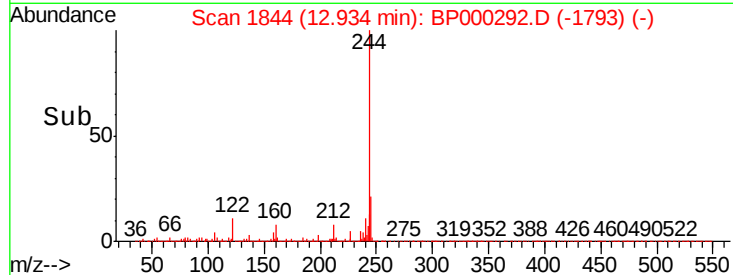
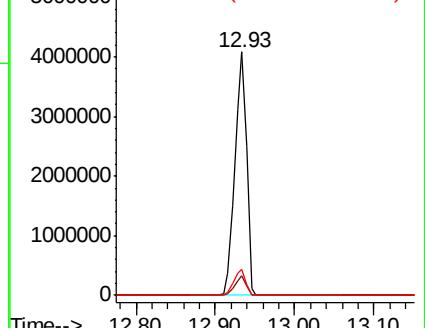
244 100

212 7.9 5.9 8.9

122 10.5 9.0 13.4



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: 15.47 min Scan# 2276

Delta R.T. -0.01 min

Lab File: BP000292.D

Acq: 18 Sep 2019 12:38

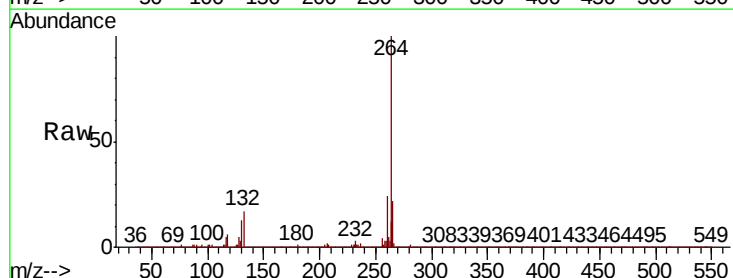
Tgt Ion:264 Resp: 1049807

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 21.7 17.2 25.8



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

