

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012720\
 Data File : BP001692.D
 Acq On : 27 Jan 2020 15:49
 Operator : CG/JU
 Sample : PB126358BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB126358BL

Quant Time: Jan 28 03:52:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 24 22:23:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	17145	20.00	ng	-0.01
21) Naphthalene-d8	10.33	136	74654	20.00	ng	-0.01
39) Acenaphthene-d10	14.21	164	59621	20.00	ng	-0.01
64) Phenanthrene-d10	16.97	188	152440	20.00	ng	-0.01
76) Chrysene-d12	21.08	240	165585	20.00	ng	-0.01
87) Perylene-d12	23.28	264	190417	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	161591	184.63	ng	0.00
7) Phenol-d6	6.75	99	235737	168.53	ng	-0.01
23) Nitrobenzene-d5	8.70	82	173084	101.31	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	103603	114.16	ng	-0.01
45) 2-Fluorobiphenyl	12.83	172	400012	98.64	ng	-0.01
79) Terphenyl-d14	19.57	244	890456	98.36	ng	-0.01

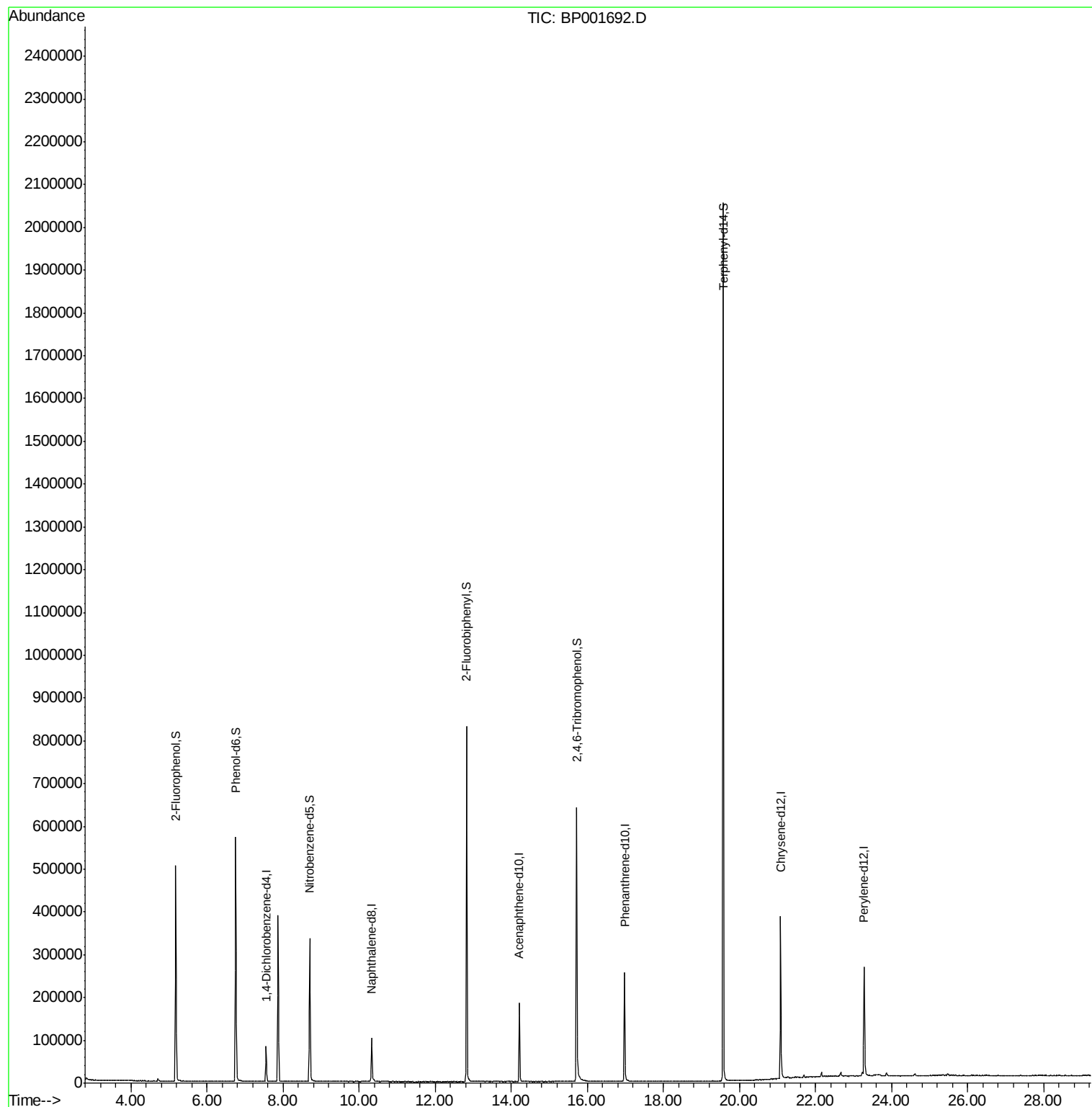
Target Compounds Qvalue

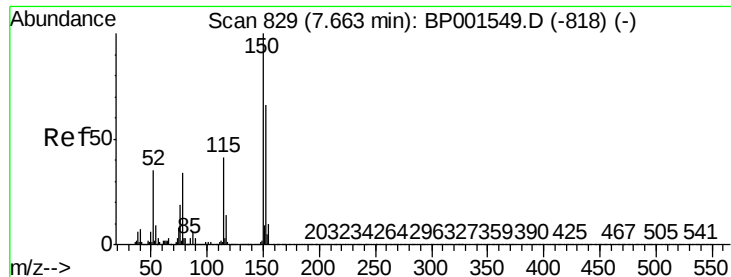
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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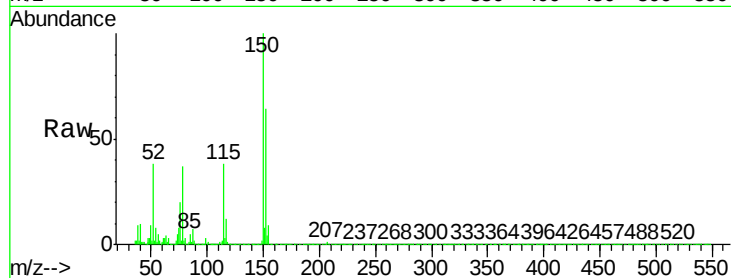


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 810
Delta R.T. -0.01 min
Lab File: BP001692.D
Acq: 27 Jan 2020 15:49

Instrument :
BNA_P
ClientSampleId :
PB126358BL

Tot Ion	152	Resp	17145
Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.0	183.0
115	58.2	50.7	76.1

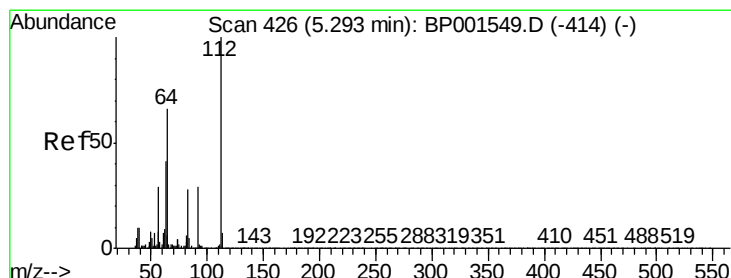
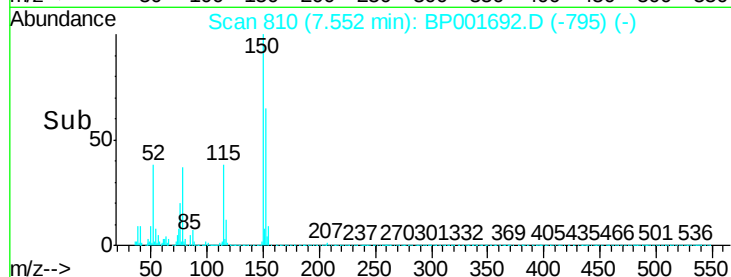
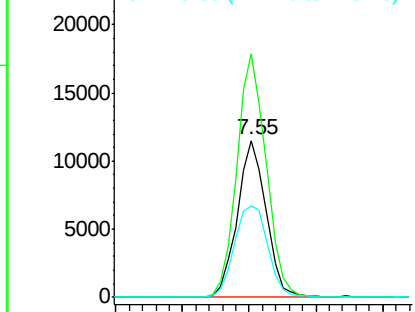


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

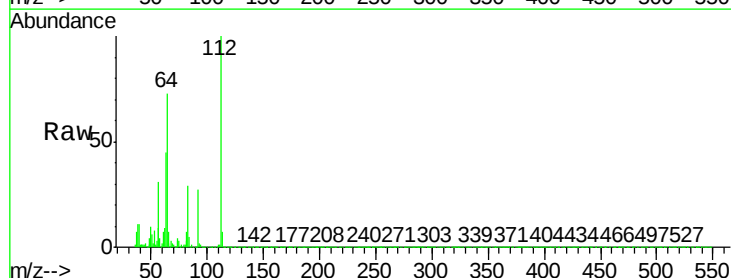
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 184.626 ng
RT: 5.18 min Scan# 406
Delta R.T. -0.01 min
Lab File: BP001692.D
Acq: 27 Jan 2020 15:49

Tgt Ion	112	Resp	161591
Ion	Ratio	Lower	Upper
112	100		
64	72.6	52.8	79.2
63	45.1	33.1	49.7

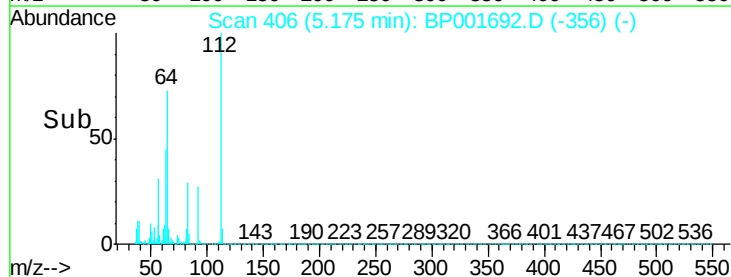
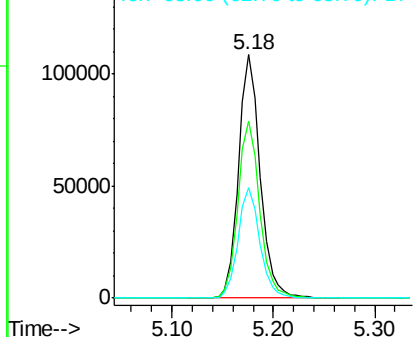


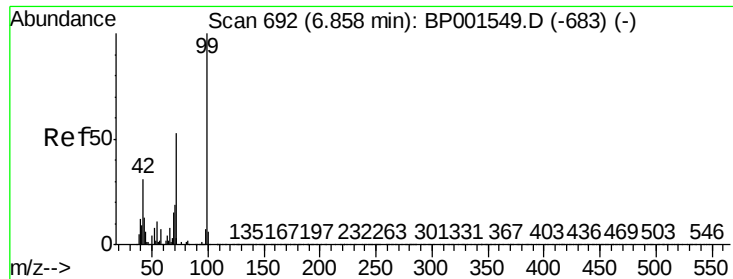
Abundance

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: 168.529 ng

RT: 6.75 min Scan# 674

Delta R.T. -0.01 min

Lab File: BP001692.D

Acq: 27 Jan 2020 15:49

Instrument :

BNA_P

ClientSampleId :

PB126358BL

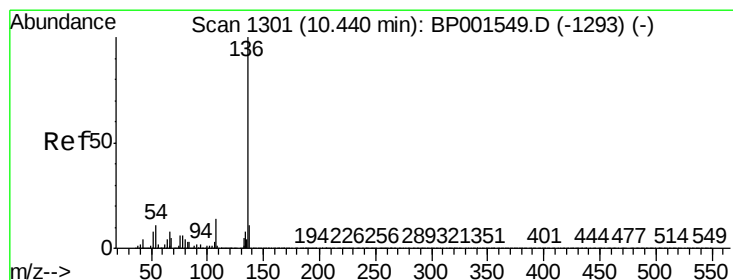
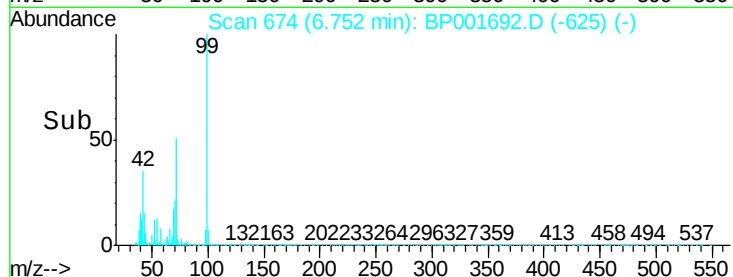
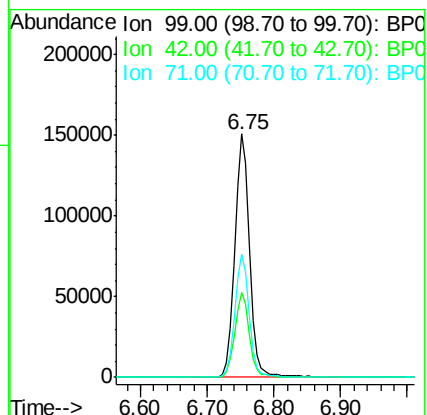
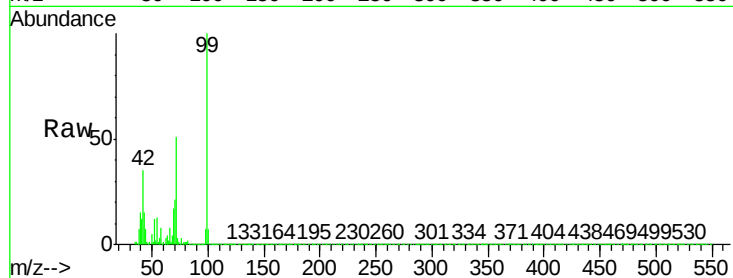
Tot Ion: 99 Resp: 235737

Ion Ratio Lower Upper

99 100

42 34.6 24.5 36.7

71 50.8 42.4 63.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BP001692.D

Acq: 27 Jan 2020 15:49

Tgt Ion: 136 Resp: 74654

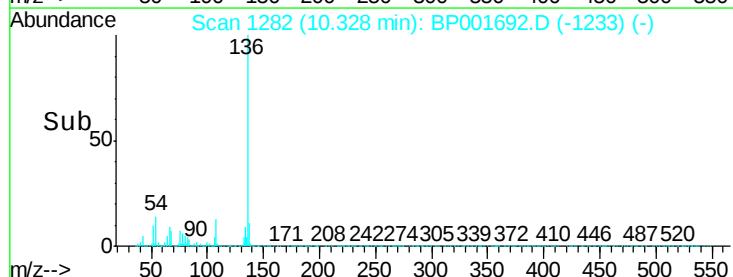
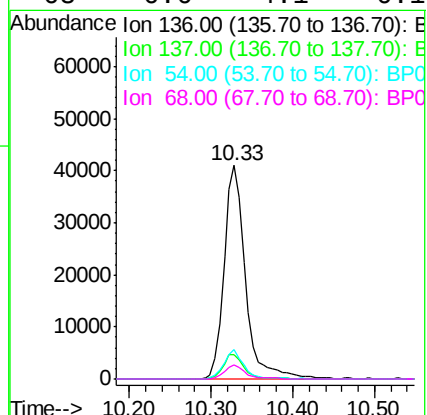
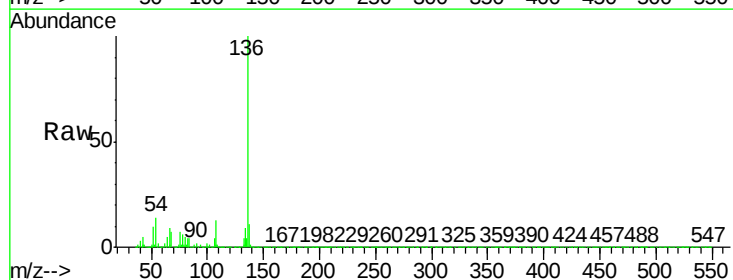
Ion Ratio Lower Upper

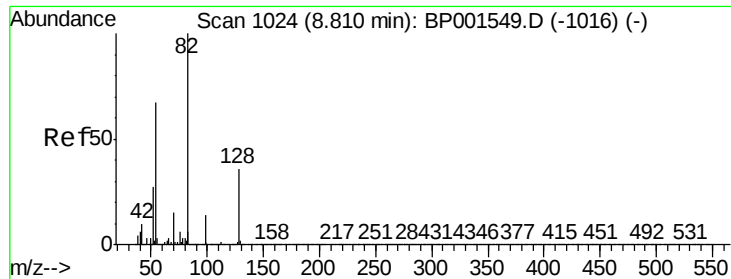
136 100

137 11.3 8.6 12.8

54 13.9 9.2 13.8#

68 6.6 4.1 6.1#

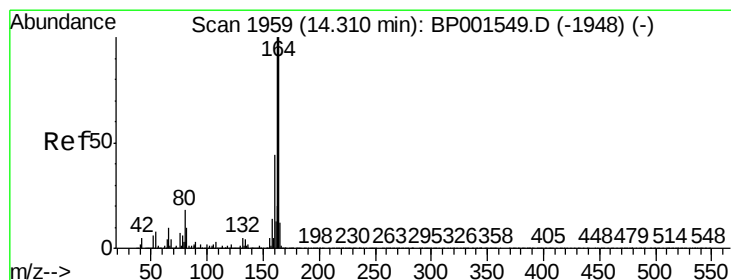
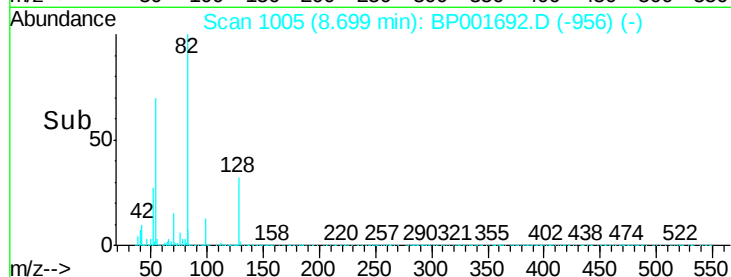
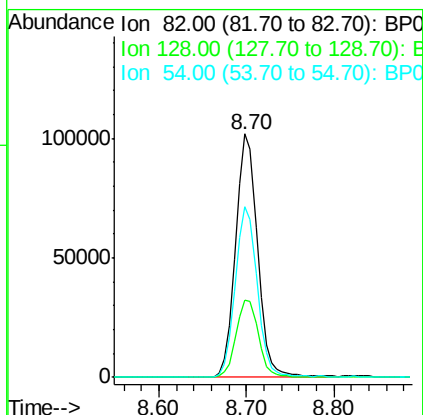
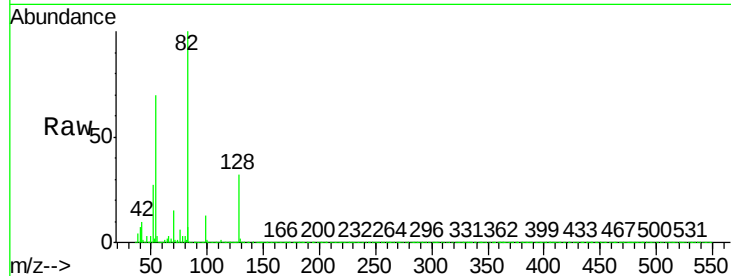




#23
Nitrobenzene-d5
Concen: 101.312 ng
RT: 8.70 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BP001692.D
Acq: 27 Jan 2020 15:49

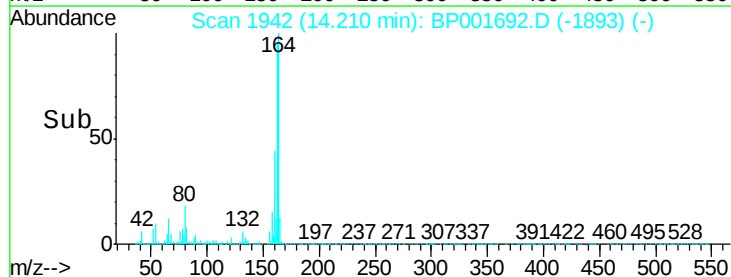
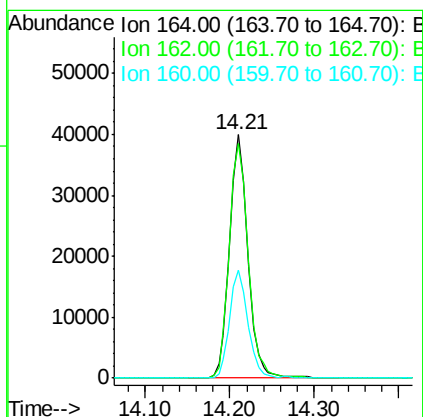
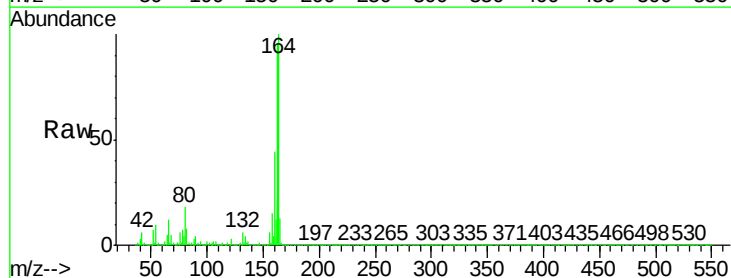
Instrument :
BNA_P
ClientSampleId :
PB126358BL

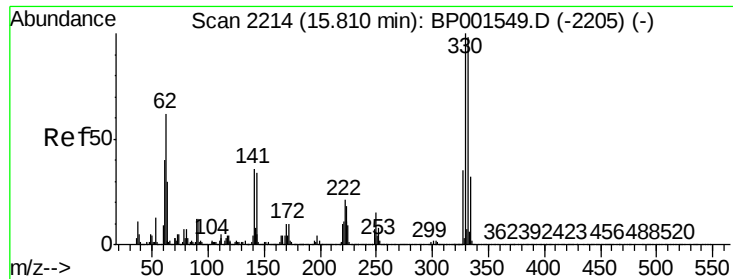
Tot Ion	82	Resp	173084
Ion Ratio	Lower	Upper	
82	100		
128	31.6	28.4	42.6
54	69.9	53.4	80.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.21 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BP001692.D
Acq: 27 Jan 2020 15:49

Tgt Ion	164	Resp	59621
Ion Ratio	Lower	Upper	
164	100		
162	96.3	79.8	119.6
160	44.5	35.0	52.6

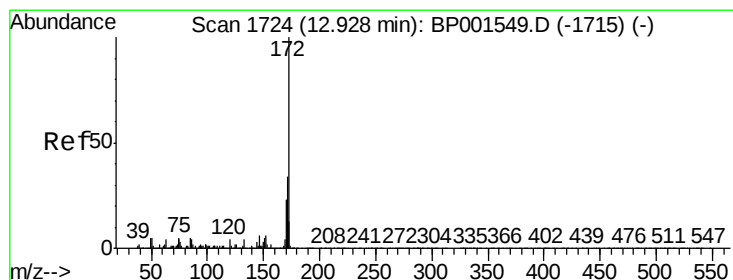
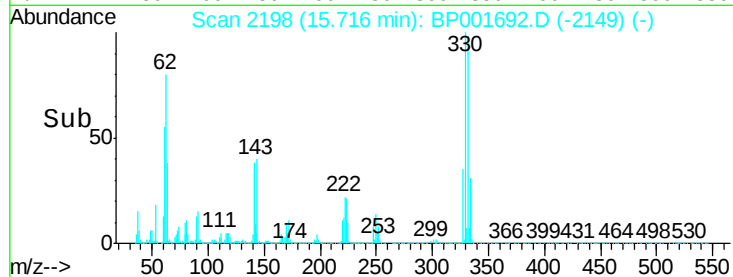
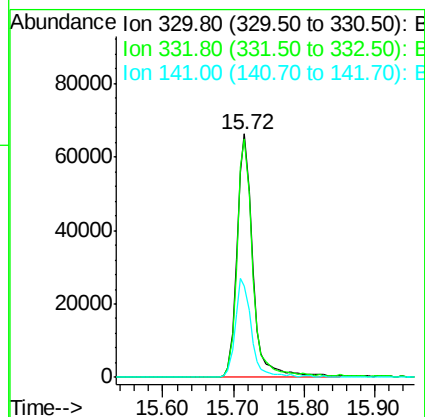
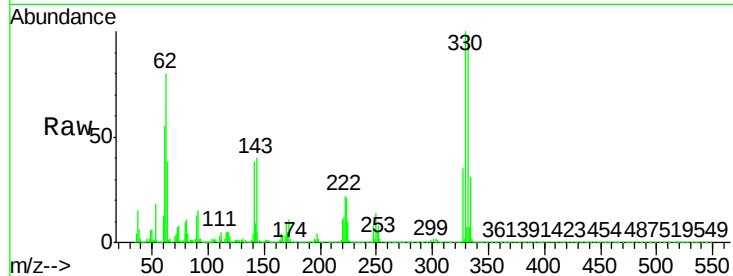




#42
 2,4,6-Tribromophenol
 Concen: 114.157 ng
 RT: 15.72 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BP001692.D
 Acq: 27 Jan 2020 15:49

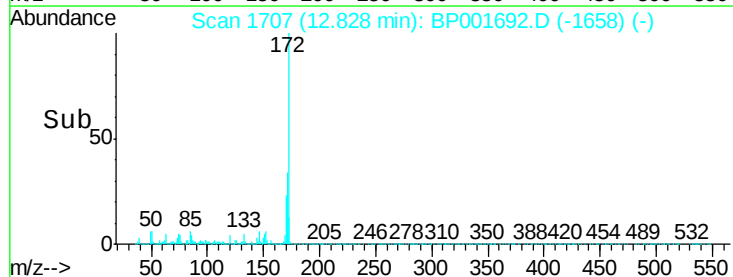
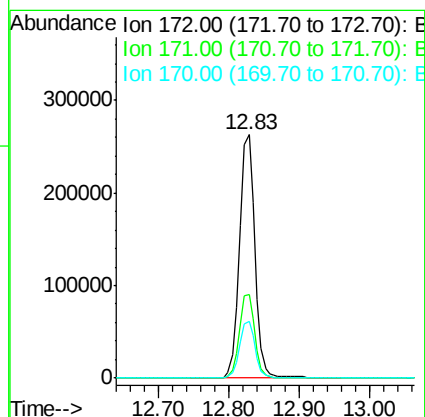
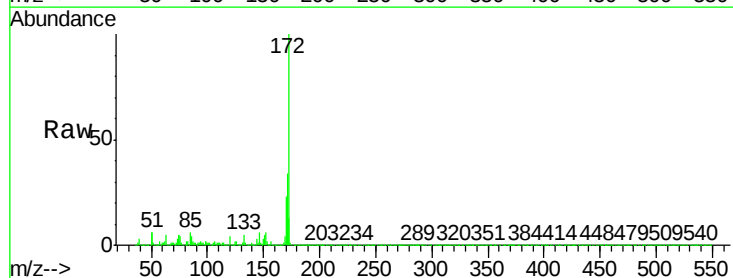
Instrument :
 BNA_P
 ClientSampleId :
 PB126358BL

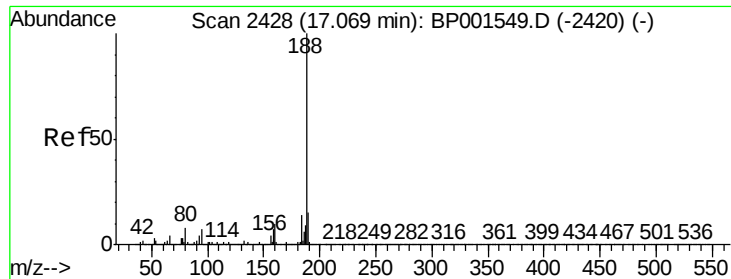
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.8	116.6
141	40.8	28.7	43.1



#45
 2-Fluorobiphenyl
 Concen: 98.644 ng
 RT: 12.83 min Scan# 1707
 Delta R.T. -0.01 min
 Lab File: BP001692.D
 Acq: 27 Jan 2020 15:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.6	41.4
170	23.3	18.3	27.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BP001692.D

Acq: 27 Jan 2020 15:49

Instrument :

BNA_P

ClientSampleId :

PB126358BL

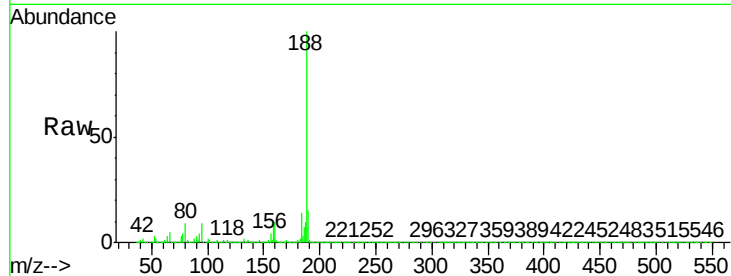
Tot Ion:188 Resp: 152440

Ion Ratio Lower Upper

188 100

94 8.5 5.9 8.9

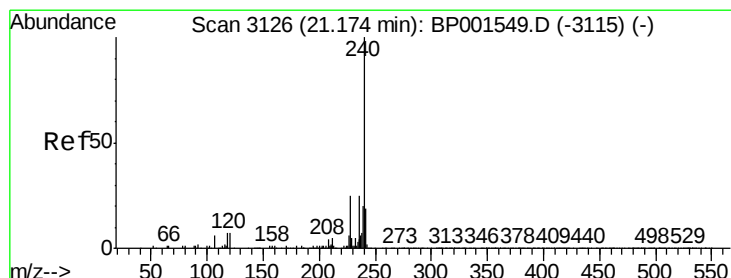
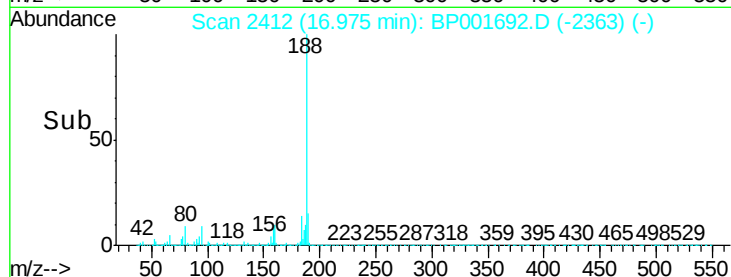
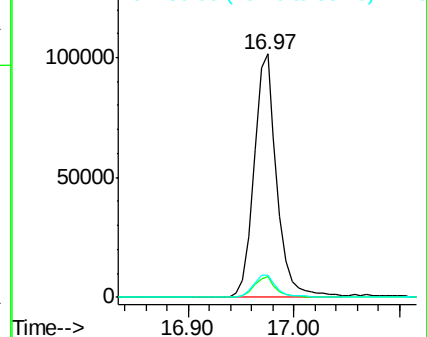
80 9.3 6.8 10.2



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: 21.08 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BP001692.D

Acq: 27 Jan 2020 15:49

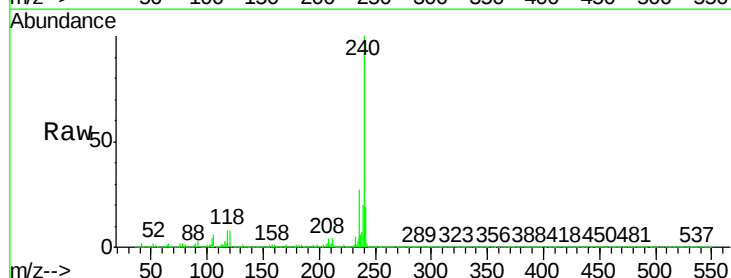
Tgt Ion:240 Resp: 165585

Ion Ratio Lower Upper

240 100

120 7.7 5.7 8.5

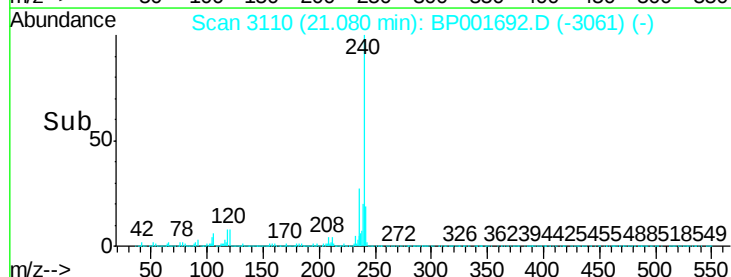
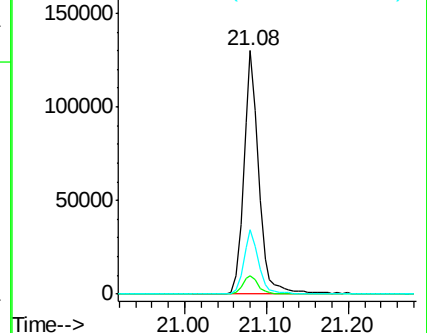
236 26.7 20.4 30.6

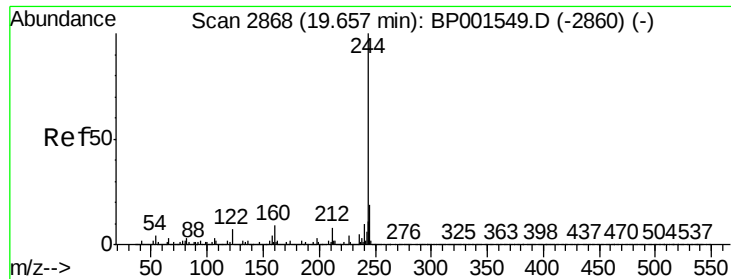


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.359 ng

RT: 19.57 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BP001692.D

Acq: 27 Jan 2020 15:49

Instrument :

BNA_P

ClientSampleId :

PB126358BL

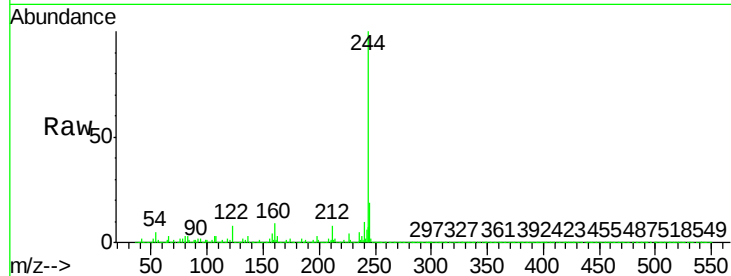
Tot Ion:244 Resp: 890456

Ion Ratio Lower Upper

244 100

212 8.2 6.3 9.5

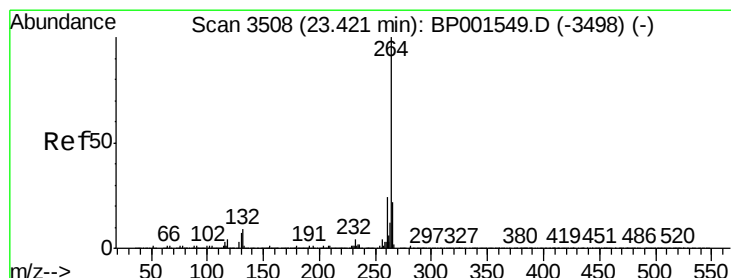
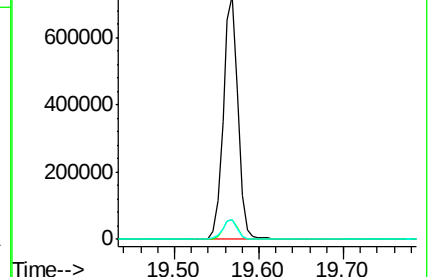
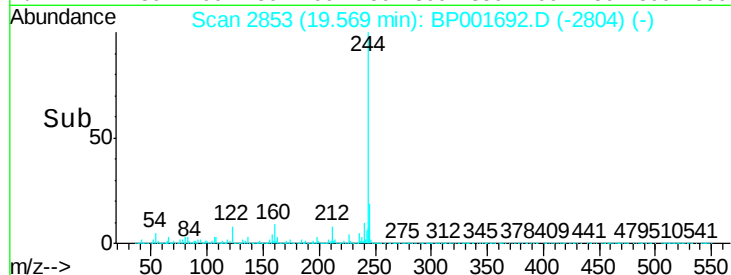
122 8.0 5.8 8.6



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: 23.28 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BP001692.D

Acq: 27 Jan 2020 15:49

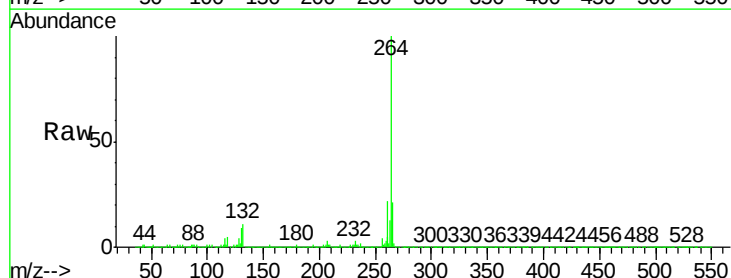
Tgt Ion:264 Resp: 190417

Ion Ratio Lower Upper

264 100

260 22.0 19.0 28.6

265 20.8 18.2 27.4



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

