

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082720\
 Data File : BP003145.D
 Acq On : 27 Aug 2020 22:39
 Operator : CG/JU
 Sample : L3498-01 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HR-06-082620

Quant Time: Aug 28 01:42:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP082420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 15:32:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	246017	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	987577	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	601161	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1251911	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	1273566	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1412144	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	208921	15.01	ng	0.00
7) Phenol-d6	6.84	99	252046	14.45	ng	0.00
23) Nitrobenzene-d5	8.80	82	143398	10.47	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	117424	14.44	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	469609	11.44	ng	0.00
79) Terphenyl-d14	19.63	244	659390	11.39	ng	-0.01

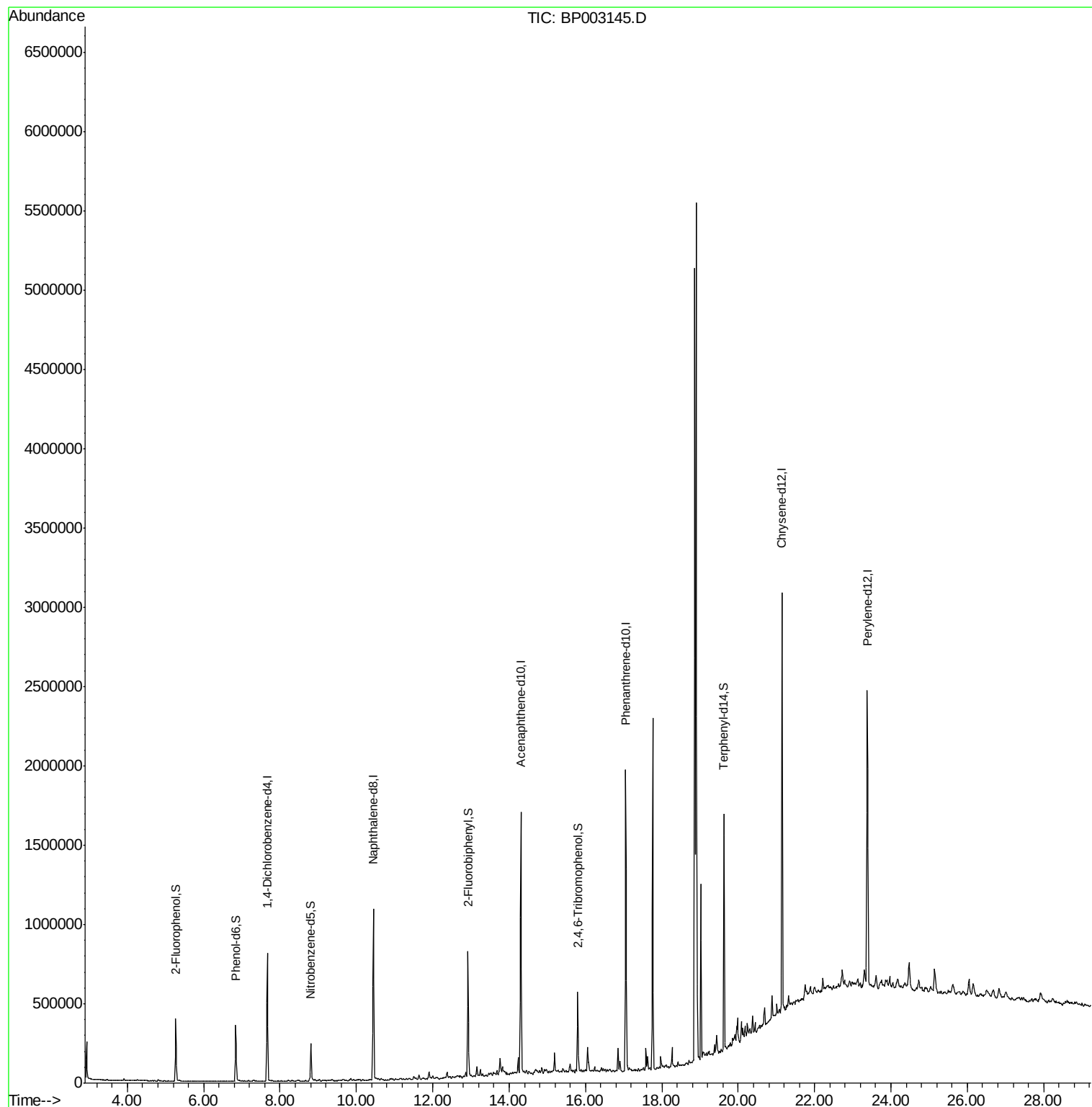
Target Compounds Qvalue

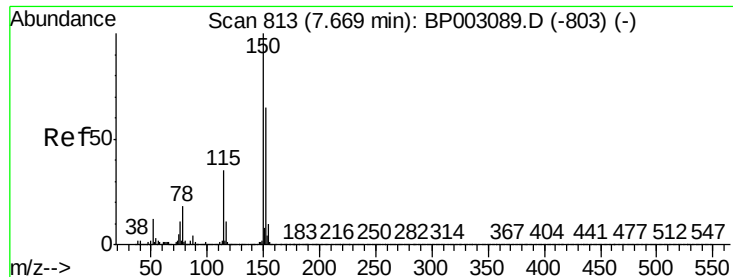
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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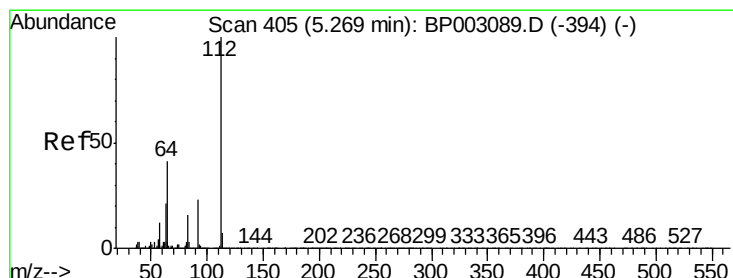
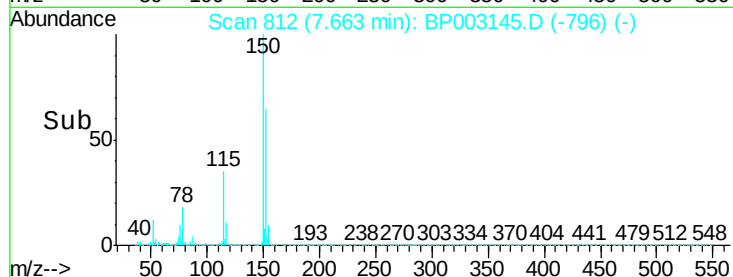
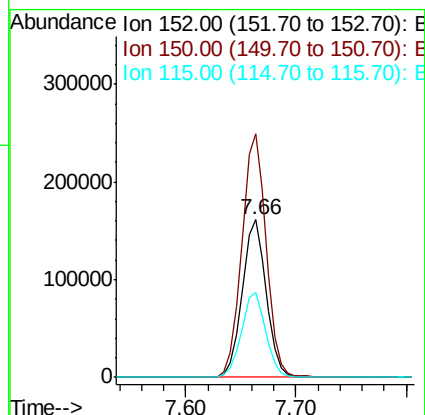
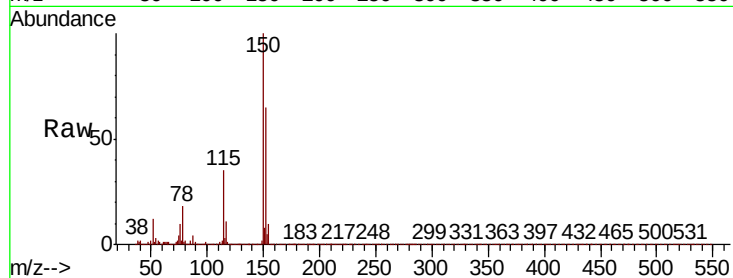


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003145.D
Acq: 27 Aug 2020 22:39

Instrument :
BNA_P
ClientSampleId :
HR-06-082620

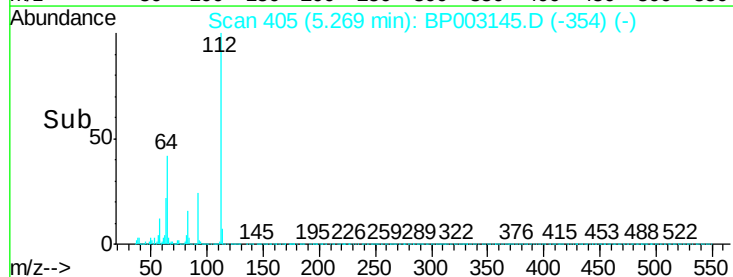
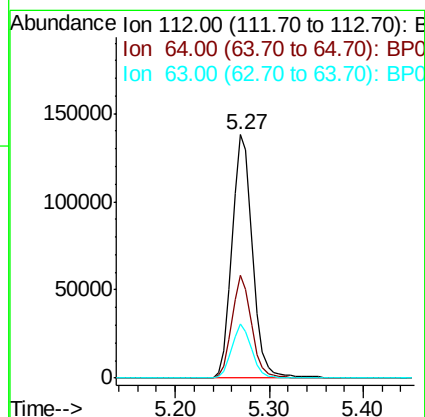
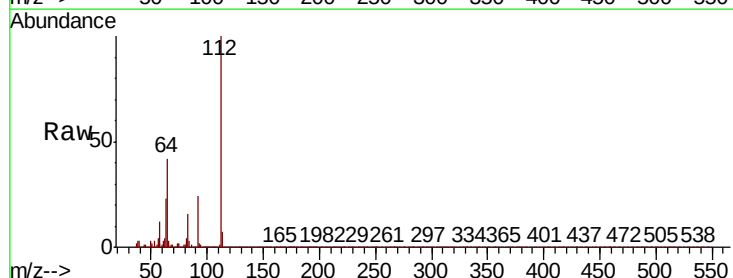
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.1	184.7
115	53.6	42.8	64.2

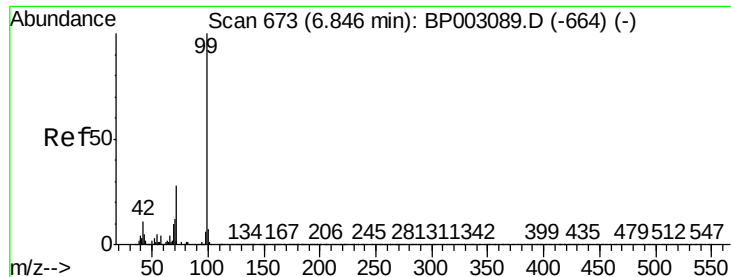


#5

2-Fluorophenol
Concen: 15.014 ng
RT: 5.27 min Scan# 405
Delta R.T. 0.00 min
Lab File: BP003145.D
Acq: 27 Aug 2020 22:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.4	33.0	49.6
63	22.5	16.9	25.3





#7

Phenol-d6

Concen: 14.450 ng

RT: 6.84 min Scan# 672

Delta R.T. -0.01 min

Lab File: BP003145.D

Acq: 27 Aug 2020 22:39

Instrument :

BNA_P

ClientSampleId :

HR-06-082620

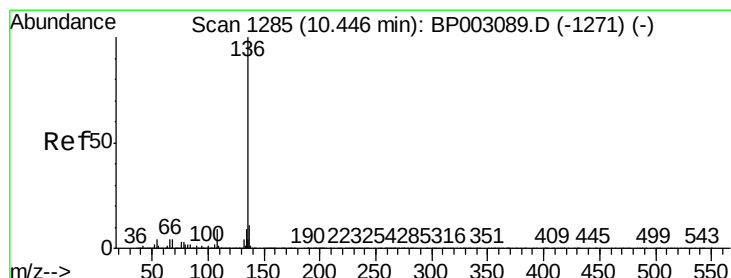
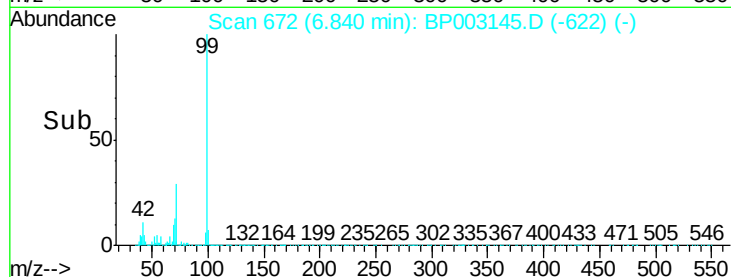
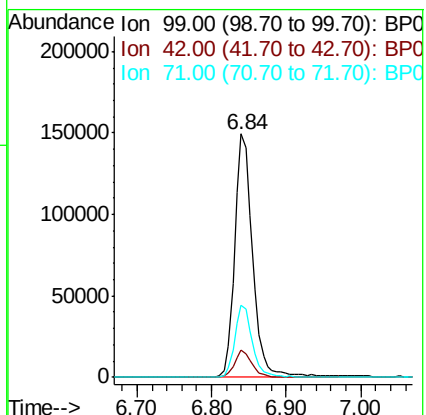
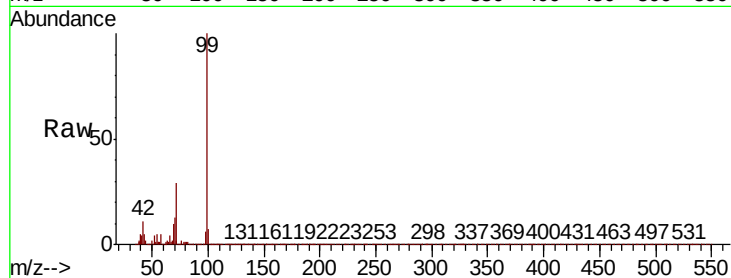
Tot Ion: 99 Resp: 252046

Ion Ratio Lower Upper

99 100

42 11.3 8.5 12.7

71 29.5 22.8 34.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BP003145.D

Acq: 27 Aug 2020 22:39

Tgt Ion: 136 Resp: 987577

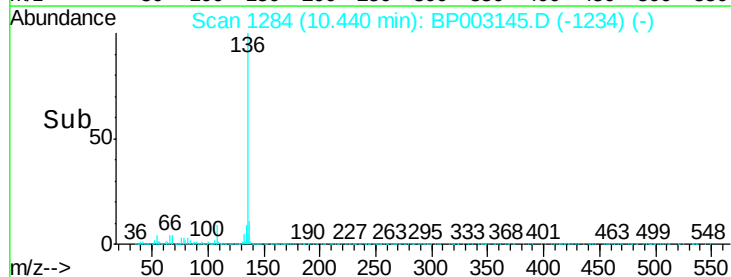
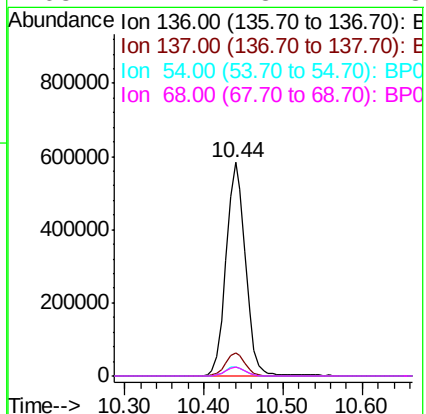
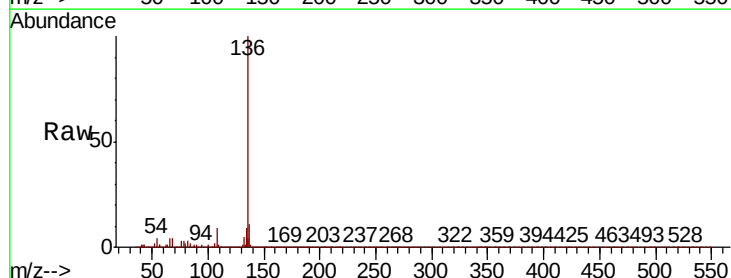
Ion Ratio Lower Upper

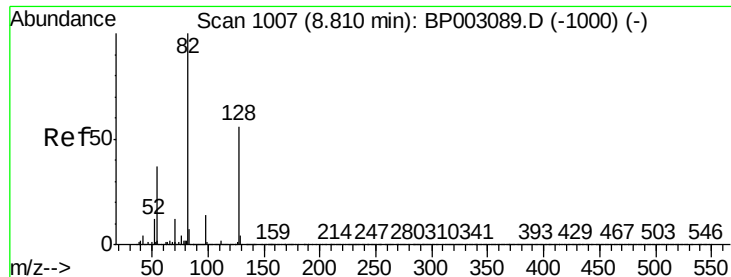
136 100

137 10.8 8.8 13.2

54 4.5 3.5 5.3

68 4.2 3.2 4.8

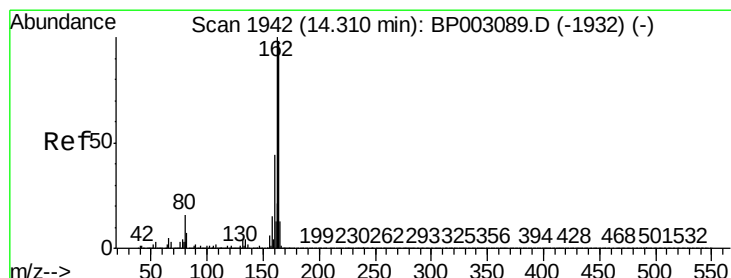
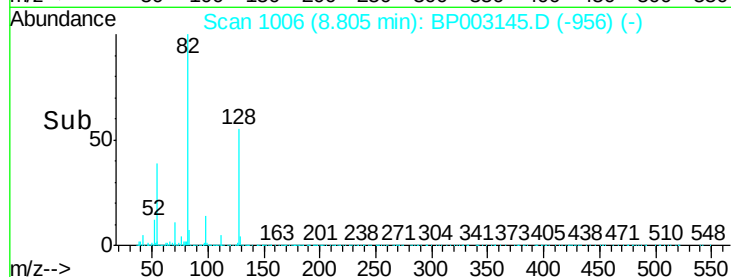
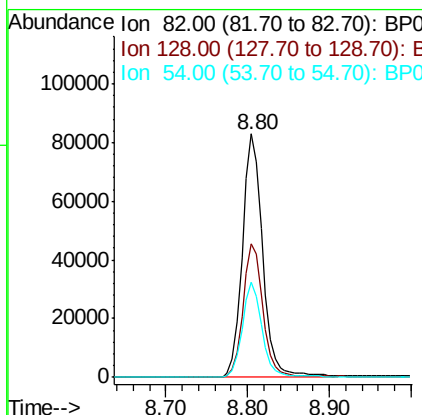
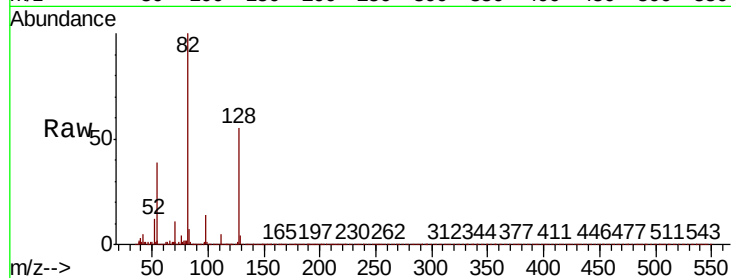




#23
 Nitrobenzene-d5
 Concen: 10.468 ng
 RT: 8.80 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BP003145.D
 Acq: 27 Aug 2020 22:39

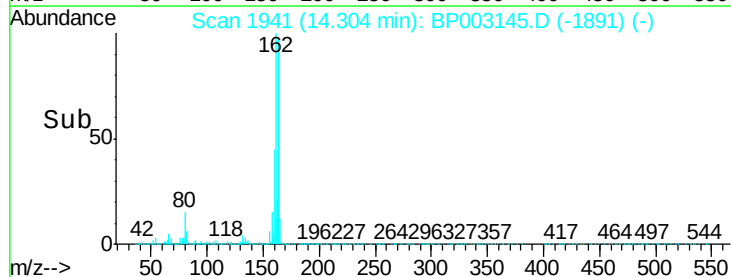
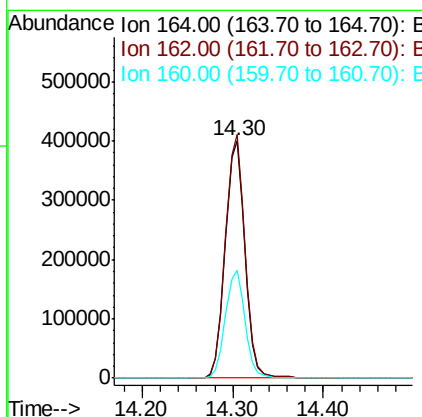
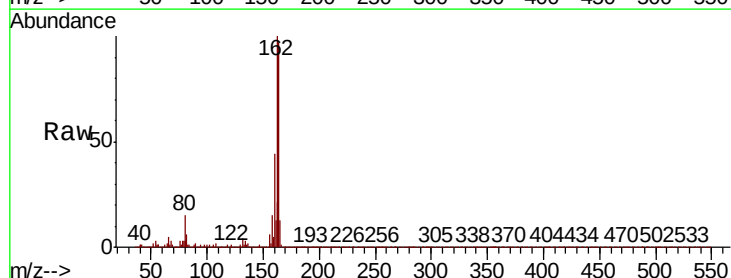
Instrument :
 BNA_P
 ClientSampleId :
 HR-06-082620

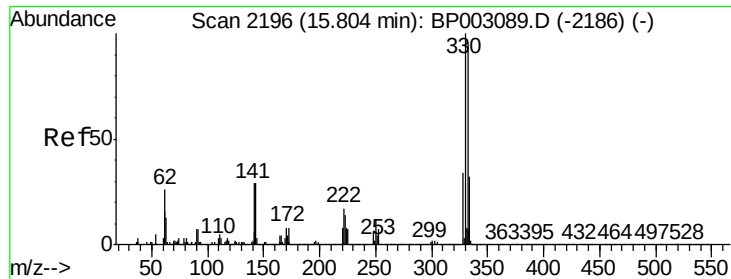
Tot Ion	82	Resp	143398
Ion Ratio	Lower	Upper	
82	100		
128	54.8	44.9	67.3
54	39.1	29.4	44.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BP003145.D
 Acq: 27 Aug 2020 22:39

Tgt Ion	164	Resp	601161
Ion Ratio	Lower	Upper	
164	100		
162	102.6	81.2	121.8
160	45.6	36.0	54.0

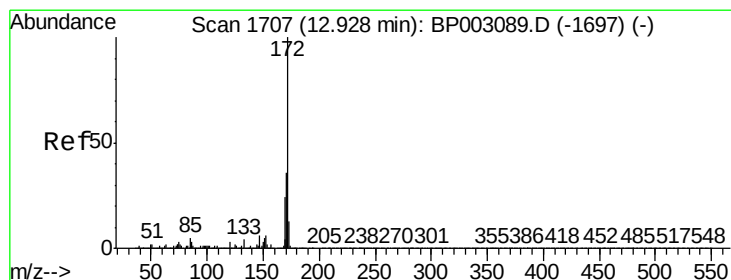
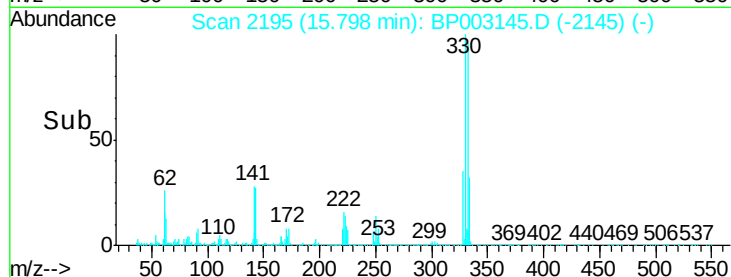
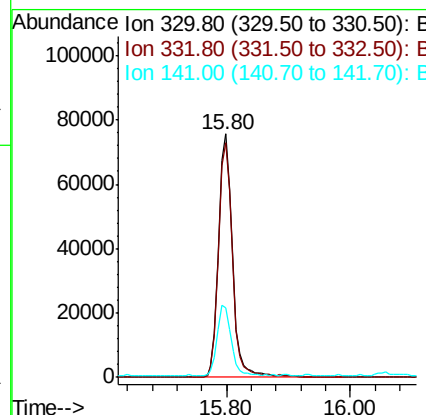
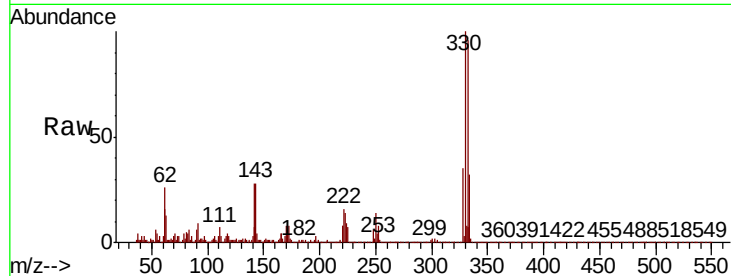




#42
 2,4,6-Tribromophenol
 Concen: 14.442 ng
 RT: 15.80 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BP003145.D
 Acq: 27 Aug 2020 22:39

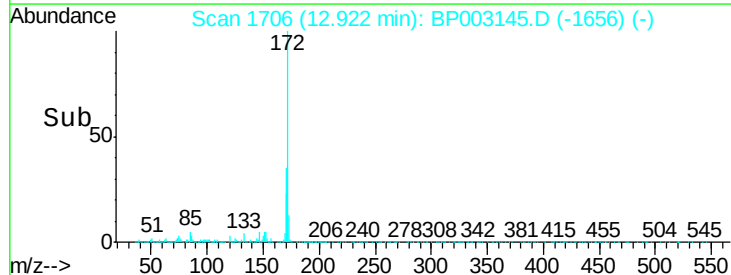
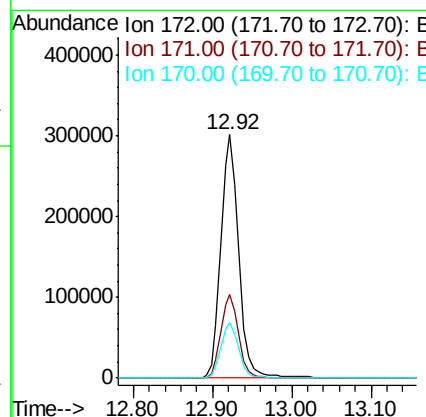
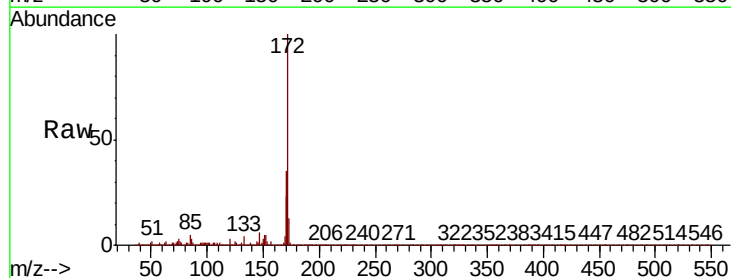
Instrument :
 BNA_P
 ClientSampleId :
 HR-06-082620

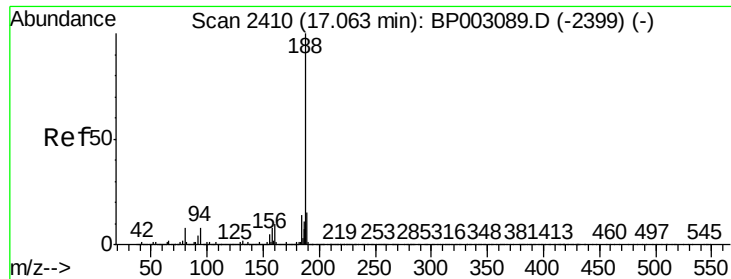
Tot Ion:330 Resp: 117424
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.3 115.9
 141 28.1 24.4 36.6



#45
 2-Fluorobiphenyl
 Concen: 11.440 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BP003145.D
 Acq: 27 Aug 2020 22:39

Tgt Ion:172 Resp: 469609
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.7 43.1
 170 22.9 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2408

Delta R.T. -0.01 min

Lab File: BP003145.D

Acq: 27 Aug 2020 22:39

Instrument :

BNA_P

ClientSampleId :

HR-06-082620

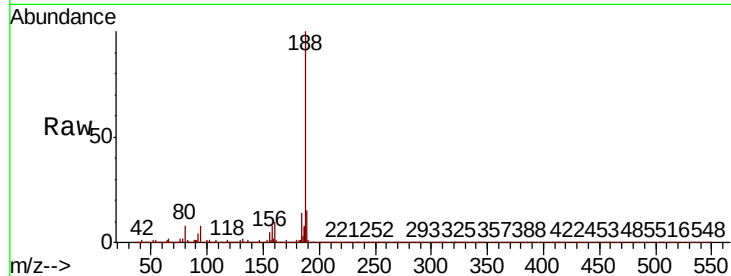
Tot Ion:188 Resp: 1251911

Ion Ratio Lower Upper

188 100

94 7.9 6.2 9.4

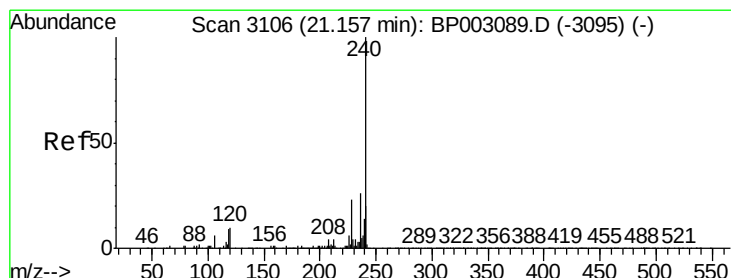
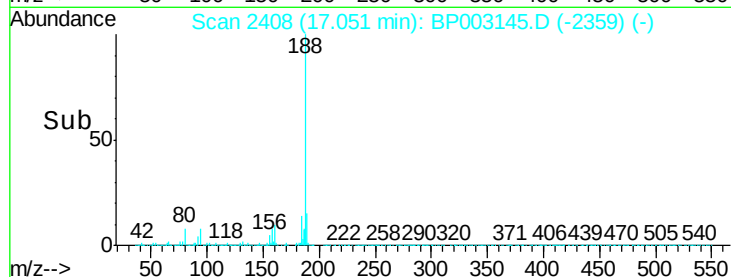
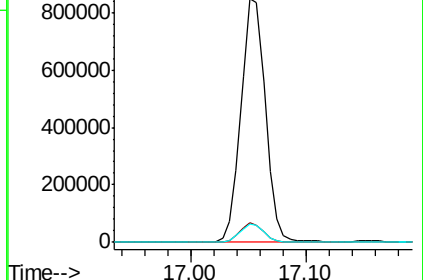
80 7.5 6.4 9.6



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: 21.15 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BP003145.D

Acq: 27 Aug 2020 22:39

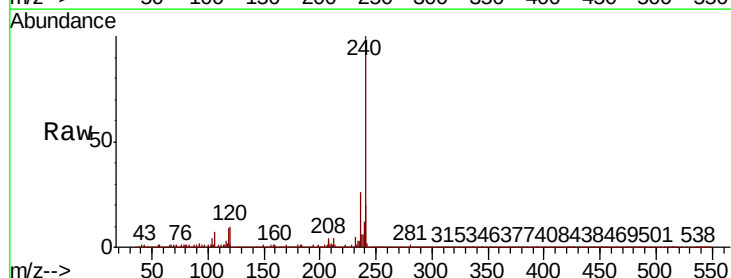
Tgt Ion:240 Resp: 1273566

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

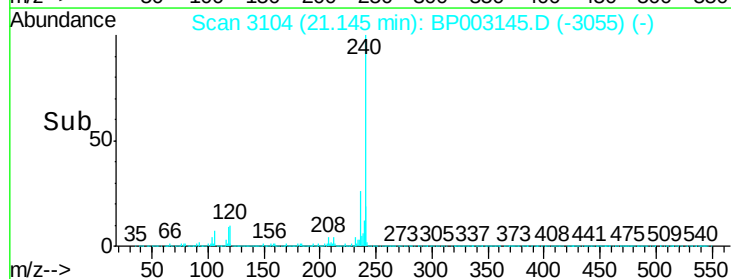
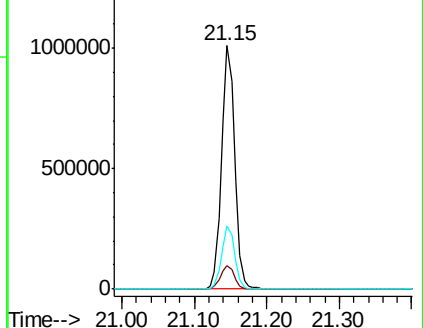
236 26.2 20.6 31.0

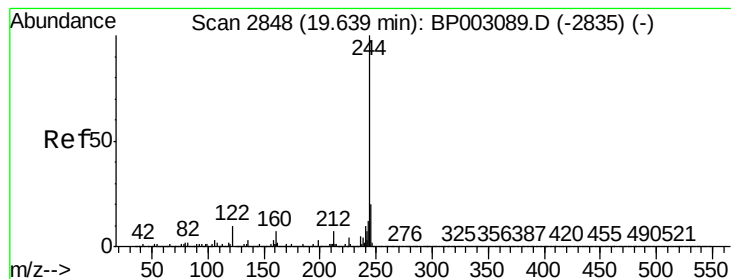


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 11.393 ng

RT: 19.63 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BP003145.D

Acq: 27 Aug 2020 22:39

Instrument :

BNA_P

ClientSampleId :

HR-06-082620

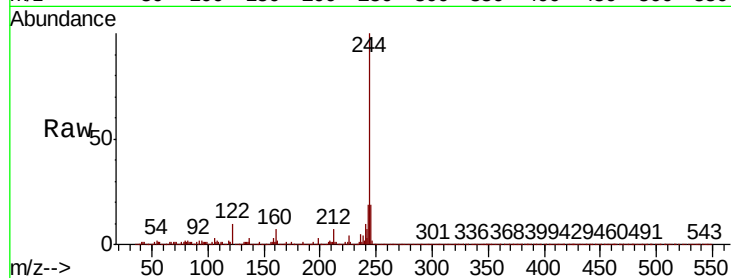
Tot Ion:244 Resp: 659390

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

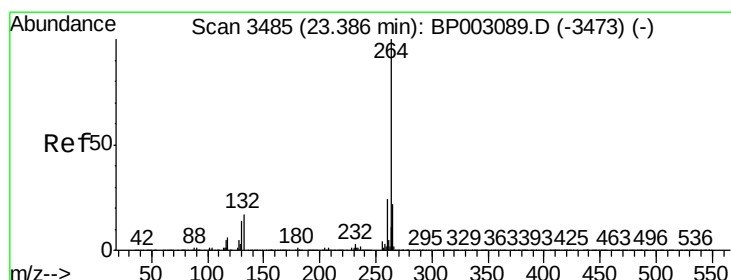
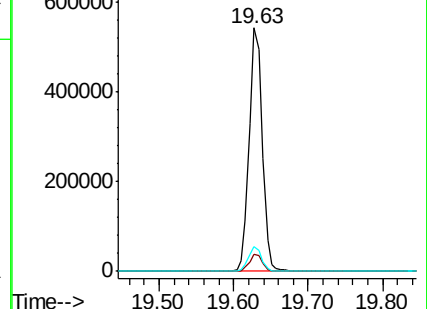
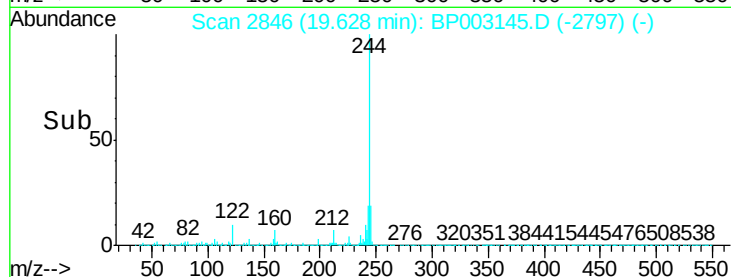
122 10.3 7.7 11.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BP003145.D

Acq: 27 Aug 2020 22:39

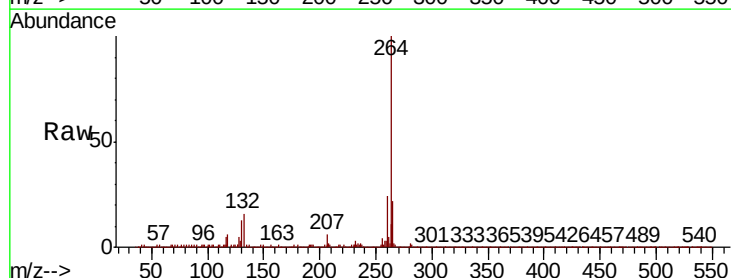
Tgt Ion:264 Resp: 1412144

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.6

265 21.9 17.7 26.5



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

