

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP082620\
 Data File : BP003127.D
 Acq On : 26 Aug 2020 22:34
 Operator : CG/JU
 Sample : L3780-23
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JC-03-082120-C

Quant Time: Aug 27 01:02:28 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	228281	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	913544	20.00	ng	0.00
39) Acenaphthene-d10	14.30	164	558631	20.00	ng	0.00
64) Phenanthrene-d10	17.05	188	1243340	20.00	ng	-0.01
76) Chrysene-d12	21.15	240	1484441	20.00	ng	-0.01
86) Perylene-d12	23.38	264	1498412	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1349303	104.50	ng	0.00
7) Phenol-d6	6.85	99	1435378	88.68	ng	0.00
23) Nitrobenzene-d5	8.81	82	1103294	87.06	ng	0.00
42) 2,4,6-Tribromophenol	15.80	330	968858	128.23	ng	0.00
45) 2-Fluorobiphenyl	12.92	172	3083713	80.84	ng	0.00
79) Terphenyl-d14	19.63	244	4884218	72.40	ng	0.00

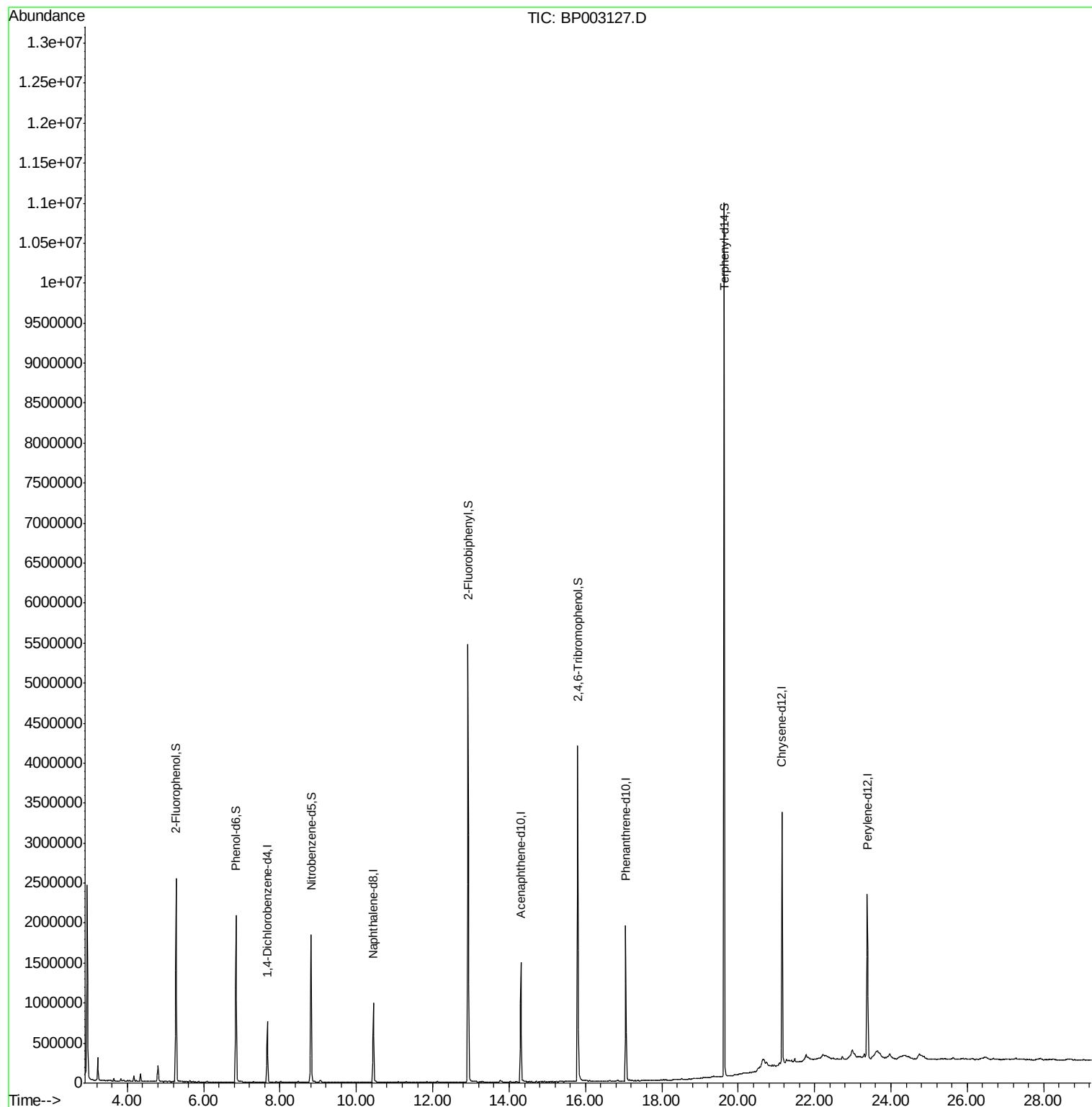
Target Compounds Qvalue

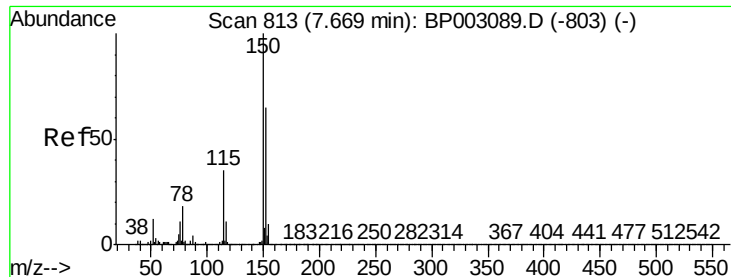
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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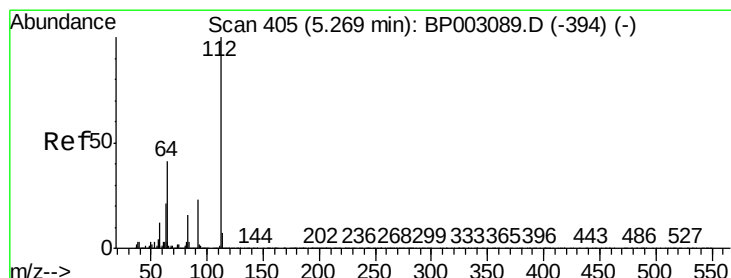
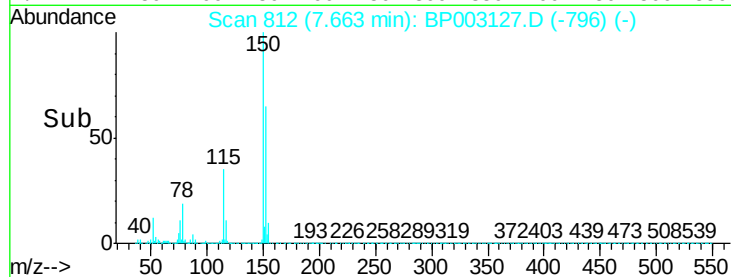
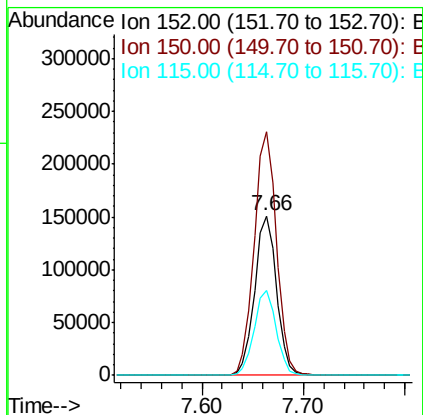
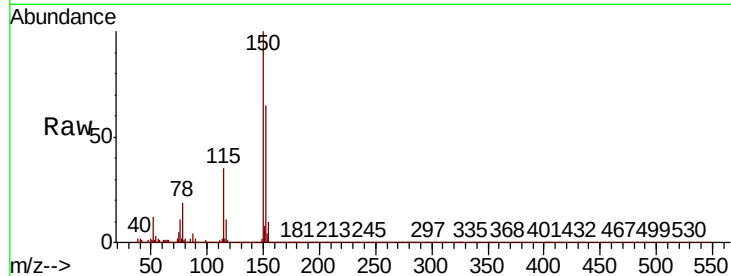


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 812
Delta R.T. -0.01 min
Lab File: BP003127.D
Acq: 26 Aug 2020 22:34

Instrument :
BNA_P
ClientSampleId :
JC-03-082120-C

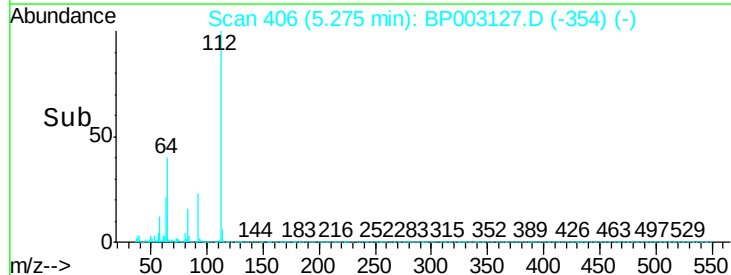
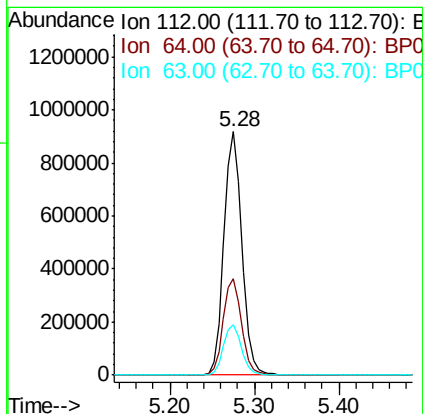
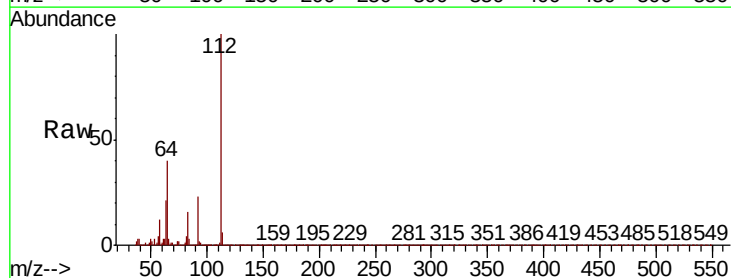
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.1	184.7
115	53.7	42.8	64.2

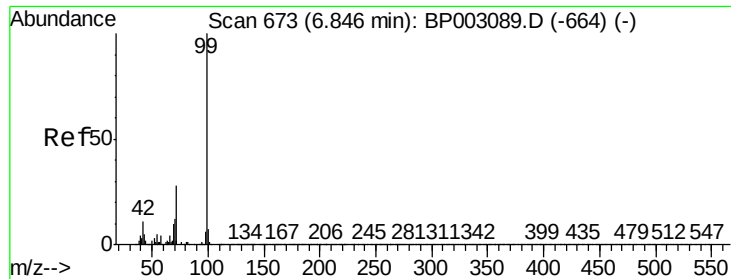


#5

2-Fluorophenol
Concen: 104.503 ng
RT: 5.28 min Scan# 406
Delta R.T. 0.01 min
Lab File: BP003127.D
Acq: 26 Aug 2020 22:34

Tgt Ion	Ratio	Lower	Upper
112	100		
64	39.6	33.0	49.6
63	20.8	16.9	25.3





#7

Phenol-d6

Concen: 88.682 ng

RT: 6.85 min Scan# 673

Delta R.T. 0.00 min

Lab File: BP003127.D

Acq: 26 Aug 2020 22:34

Instrument :

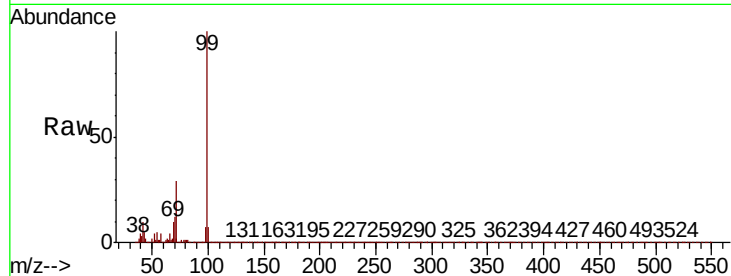
BNA_P

ClientSampleId :

JC-03-082120-C

Tot Ion: 99 Resp: 1435378

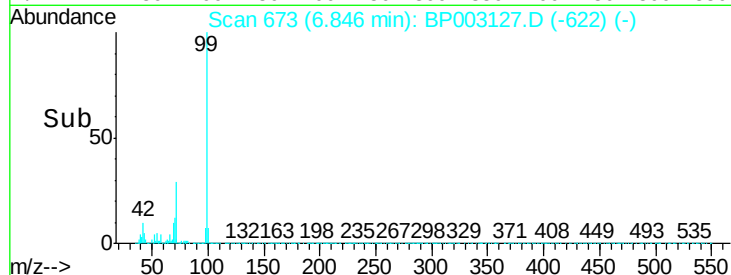
Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.5	12.7
71	28.8	22.8	34.2



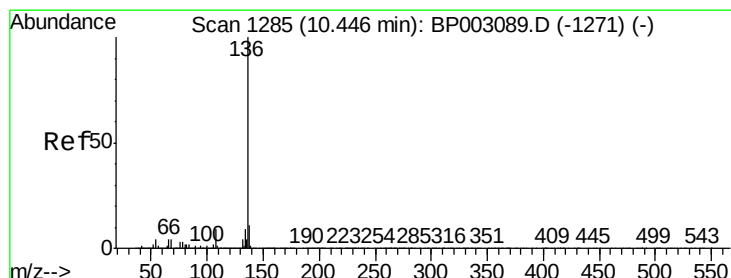
Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.44 min Scan# 1284

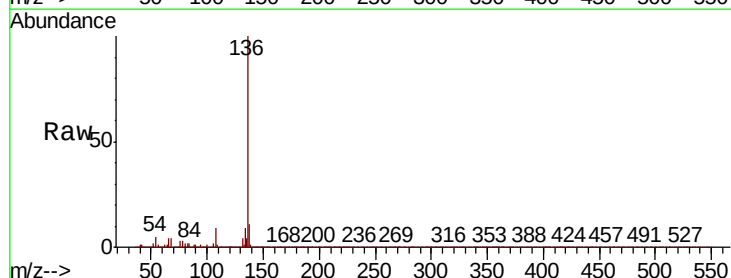
Delta R.T. -0.01 min

Lab File: BP003127.D

Acq: 26 Aug 2020 22:34

Tgt Ion: 136 Resp: 913544

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

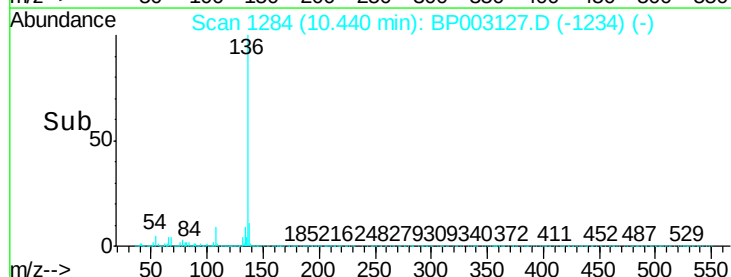


Abundance Ion 136.00 (135.70 to 136.70): E

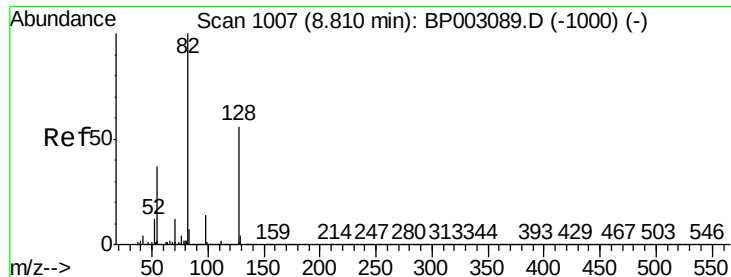
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



Time-->

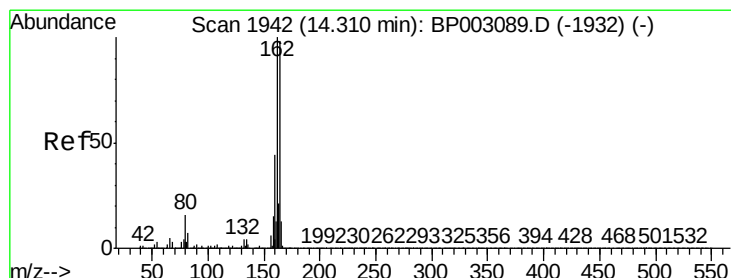
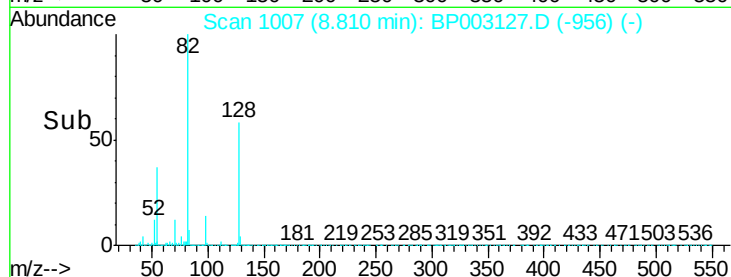
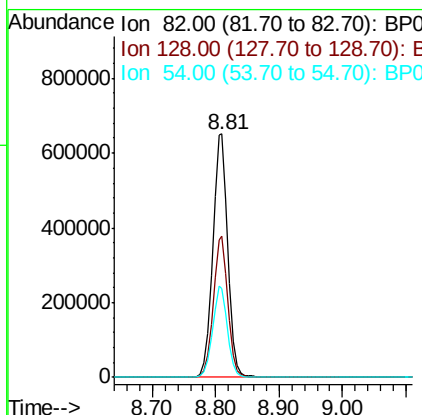
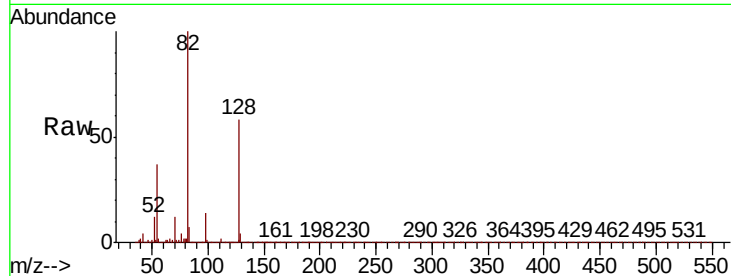


#23
 Nitrobenzene-d5
 Concen: 87.064 ng
 RT: 8.81 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BP003127.D
 Acq: 26 Aug 2020 22:34

Instrument :
 BNA_P
 ClientSampleId :
 JC-03-082120-C

Tot Ion: 82 Resp: 1103294

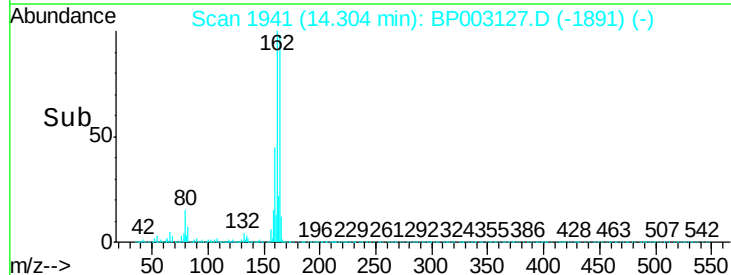
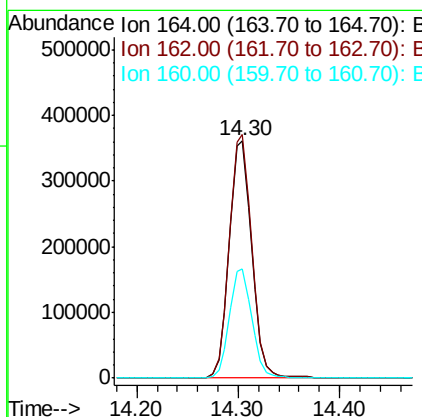
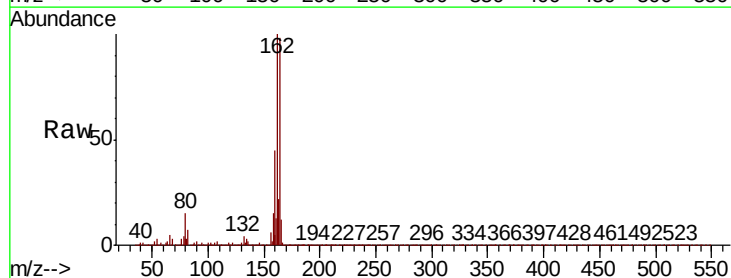
Ion	Ratio	Lower	Upper
82	100		
128	58.2	44.9	67.3
54	36.6	29.4	44.2

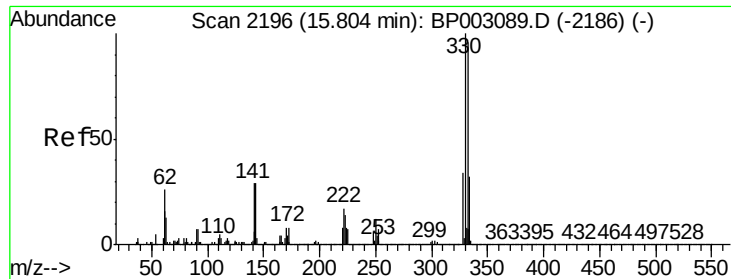


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.30 min Scan# 1941
 Delta R.T. -0.01 min
 Lab File: BP003127.D
 Acq: 26 Aug 2020 22:34

Tgt Ion: 164 Resp: 558631

Ion	Ratio	Lower	Upper
164	100		
162	102.4	81.2	121.8
160	45.8	36.0	54.0

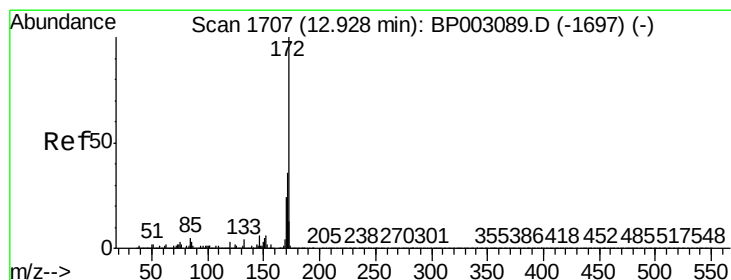
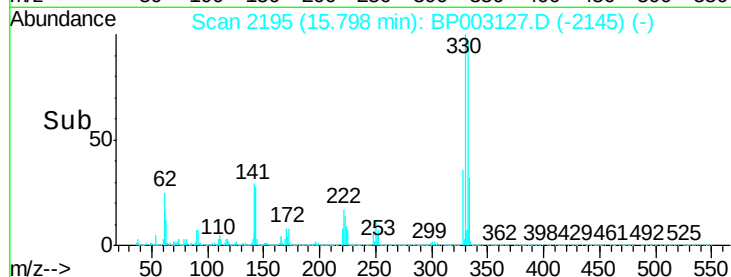
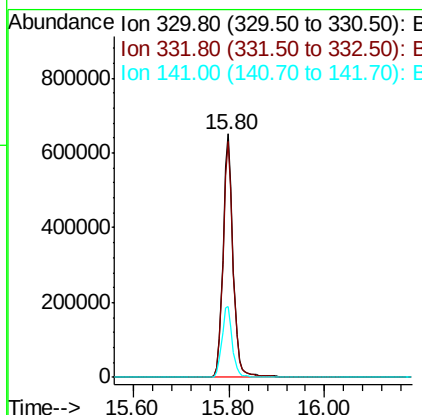
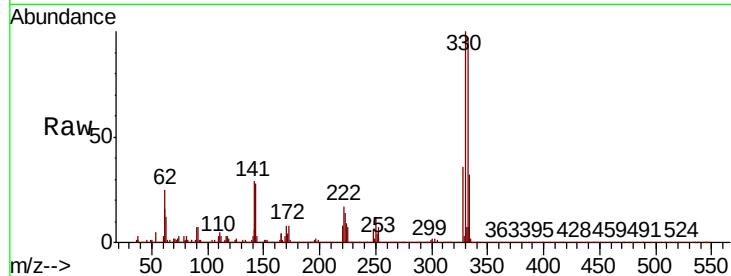




#42
 2,4,6-Tribromophenol
 Concen: 128.235 ng
 RT: 15.80 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BP003127.D
 Acq: 26 Aug 2020 22:34

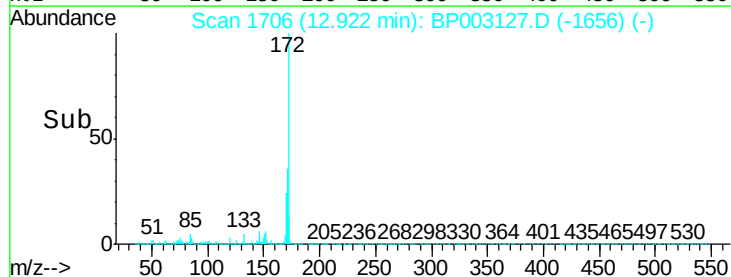
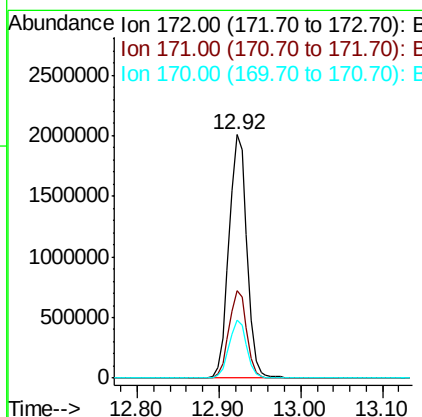
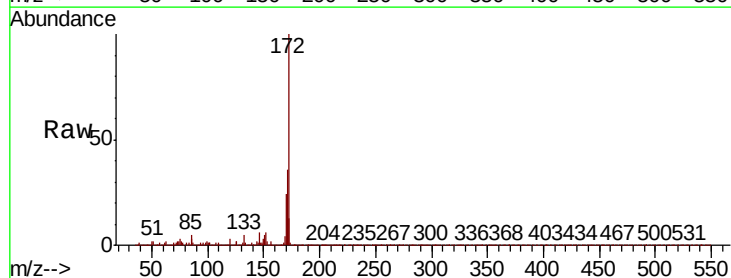
Instrument :
 BNA_P
 ClientSampleId :
 JC-03-082120-C

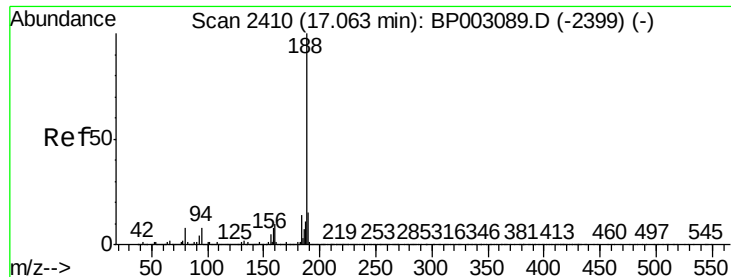
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	30.2	24.4	36.6



#45
 2-Fluorobiphenyl
 Concen: 80.840 ng
 RT: 12.92 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BP003127.D
 Acq: 26 Aug 2020 22:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	23.9	19.0	28.4

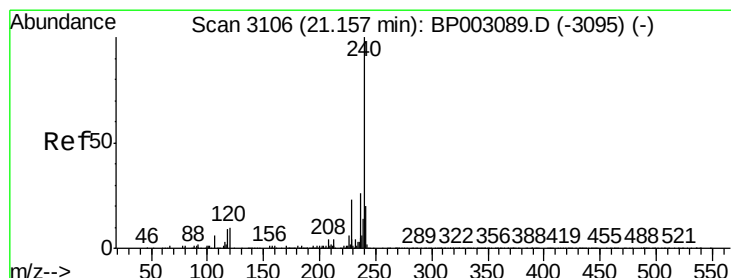
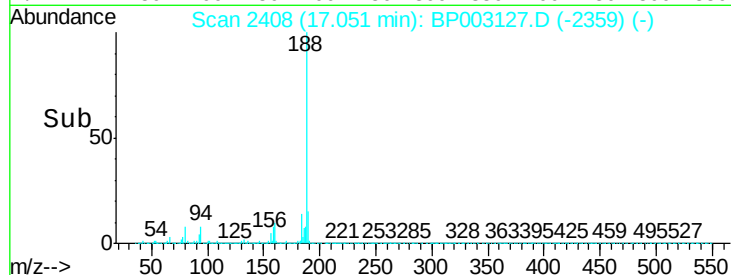
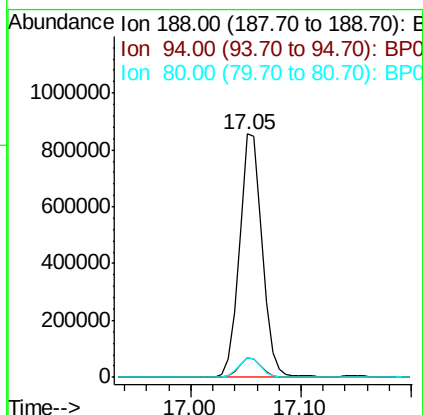
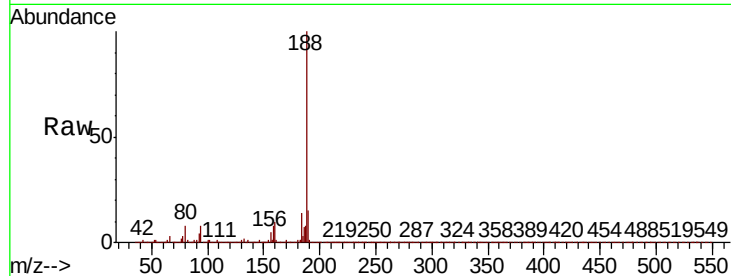




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.05 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BP003127.D
Acq: 26 Aug 2020 22:34

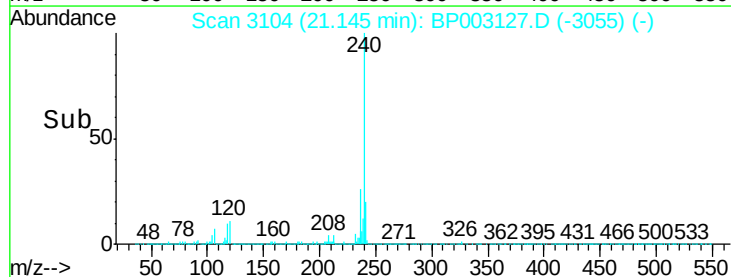
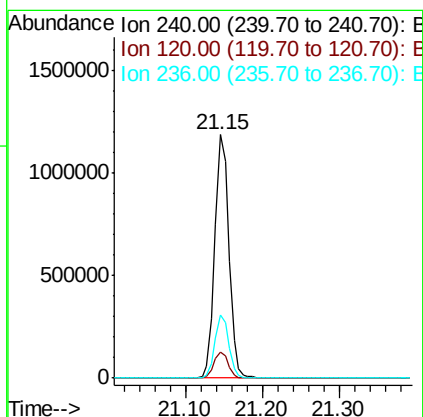
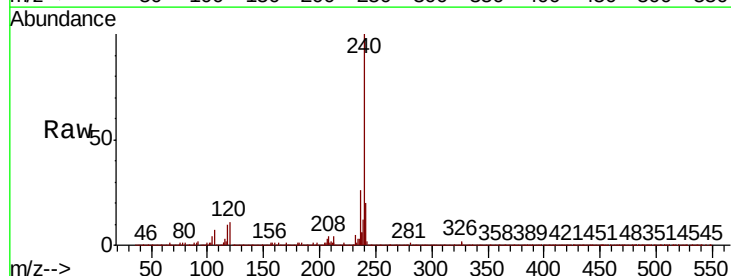
Instrument :
BNA_P
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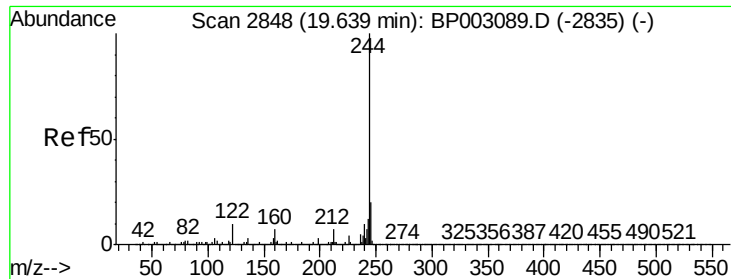
Tot Ion:188 Resp: 1243340
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.4
80 7.9 6.4 9.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.15 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BP003127.D
Acq: 26 Aug 2020 22:34

Tgt Ion:240 Resp: 1484441
Ion Ratio Lower Upper
240 100
120 10.9 8.4 12.6
236 26.0 20.6 31.0





#79

Terphenyl-d14

Concen: 72.400 ng

RT: 19.63 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BP003127.D

Acq: 26 Aug 2020 22:34

Instrument :

BNA_P

ClientSampleId :

JC-03-082120-C

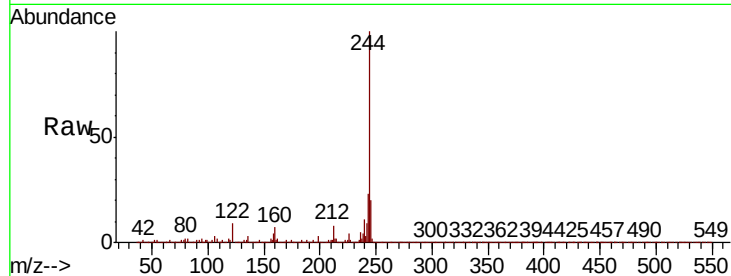
Tot Ion:244 Resp: 4884218

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

122 9.5 7.7 11.5

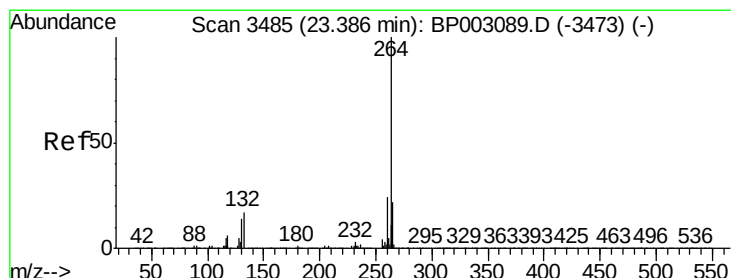
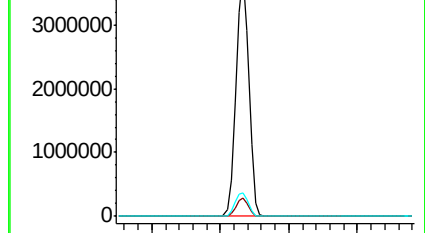
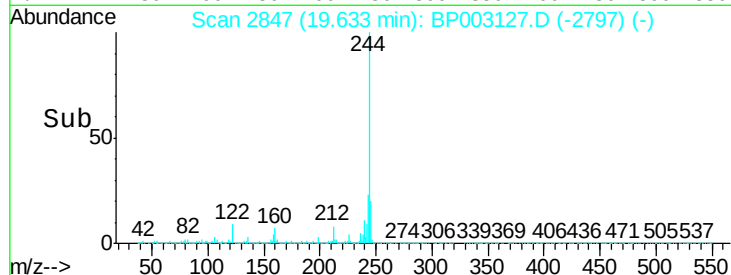


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.38 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BP003127.D

Acq: 26 Aug 2020 22:34

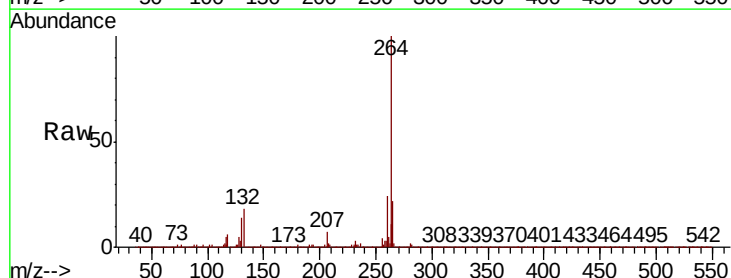
Tgt Ion:264 Resp: 1498412

Ion Ratio Lower Upper

264 100

260 24.0 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

Time-->

