

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
 Data File : BP005311.D
 Acq On : 16 Apr 2021 10:42
 Operator : CG/JU
 Sample : PB135754BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB135754BL

Quant Time: Apr 16 11:32:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 11:02:58 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

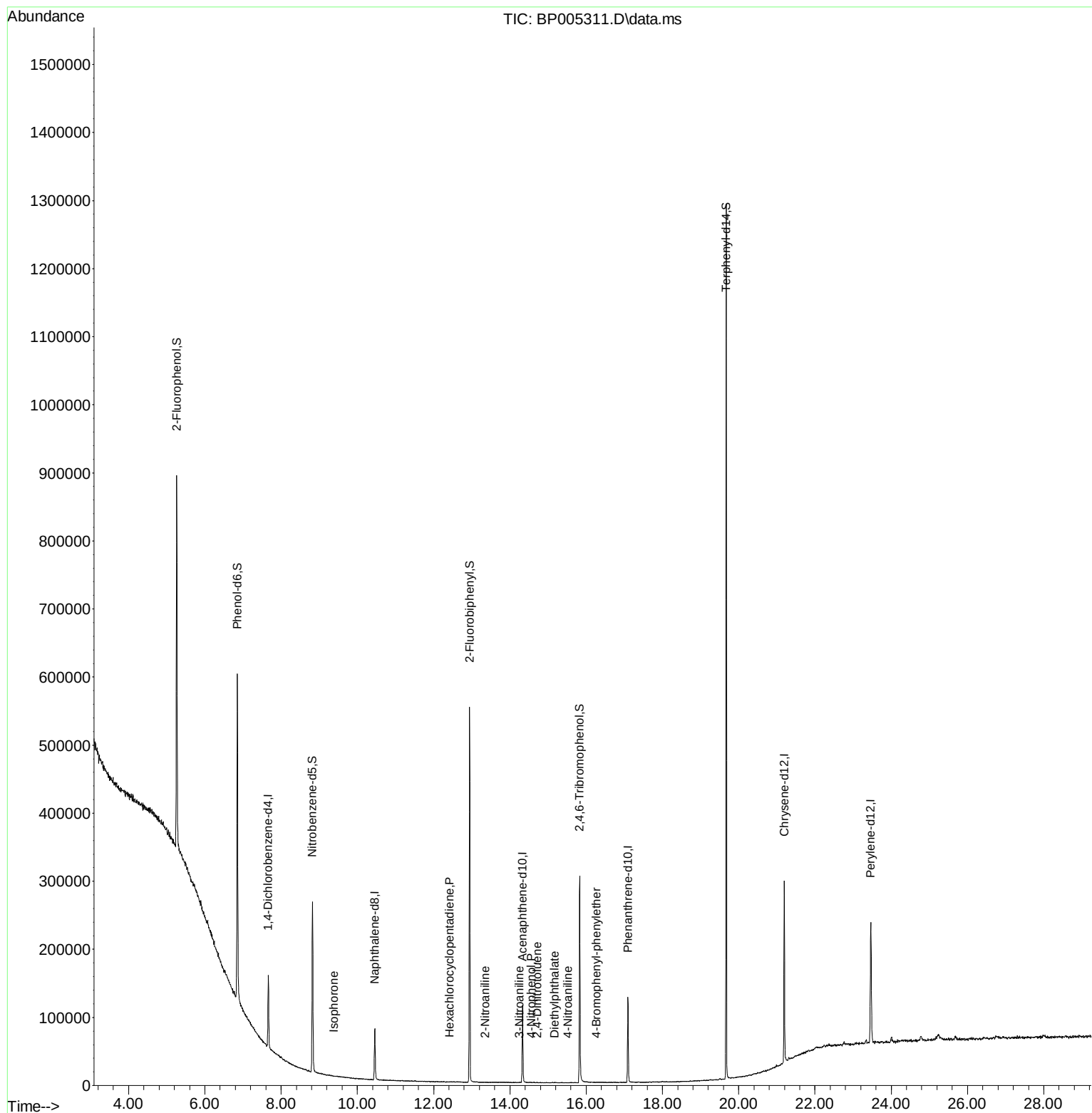
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	26384	20.00	ng	0.00
21) Naphthalene-d8	10.457	136	56751	20.00	ng	# 0.00
39) Acenaphthene-d10	14.328	164	31436	20.00	ng	# 0.00
64) Phenanthrene-d10	17.092	188	72517	20.00	ng	0.00
76) Chrysene-d12	21.198	240	115359	20.00	ng	# 0.00
86) Perylene-d12	23.462	264	122064	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	246073	113.72	ng	0.00
7) Phenol-d6	6.852	99	251569	100.53	ng	0.00
23) Nitrobenzene-d5	8.822	82	152889	83.20	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	50815	121.60	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	216975	91.68	ng	0.00
79) Terphenyl-d14	19.669	244	469748	80.43	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.381	82	88	2.63	ng	# 74
41) Hexachlorocyclopentadiene	12.422	237	6	7.80	ng	83
48) 2-Nitroaniline	13.351	65	13	4.07	ng	89
53) 3-Nitroaniline	14.251	138	10	3.13	ng	# 18
56) 4-Nitrophenol	14.557	139	19	6.03	ng	# 1
57) 2,4-Dinitrotoluene	14.716	165	10	3.43	ng	# 24
60) Diethylphthalate	15.175	149	8	4.14	ng	# 17
62) 4-Nitroaniline	15.516	138	16	3.96	ng	87
67) 4-Bromophenyl-phenylether	16.269	248	26	3.48	ng	# 57

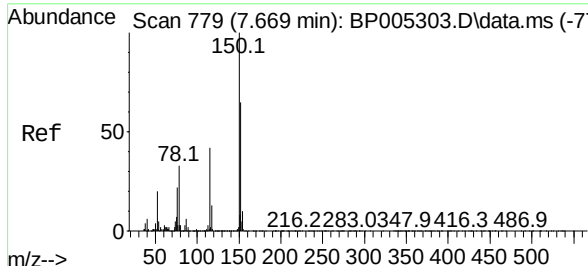
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
PB135754BL

Quant Time: Apr 16 11:32:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
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QLast Update : Fri Apr 16 11:02:58 2021
Response via : Initial Calibration

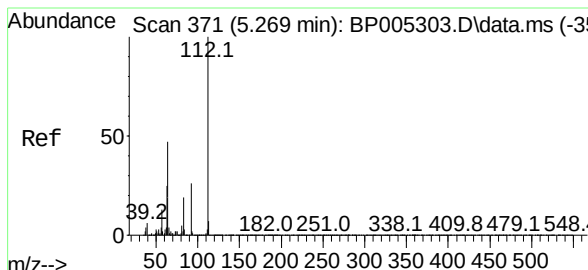
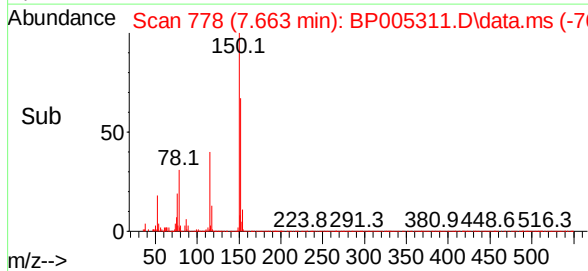
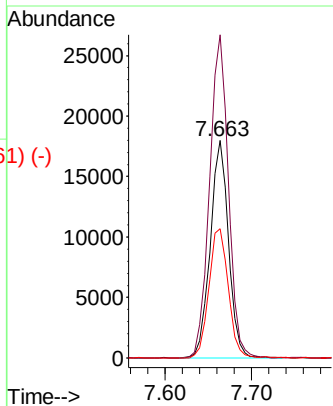
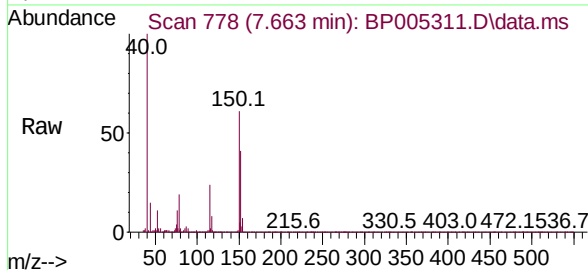




1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.663 min Scan# 778
 Delta R.T. 0.000 min
 Lab File: BP005311.D
 Acq: 16 Apr 2021 10:42

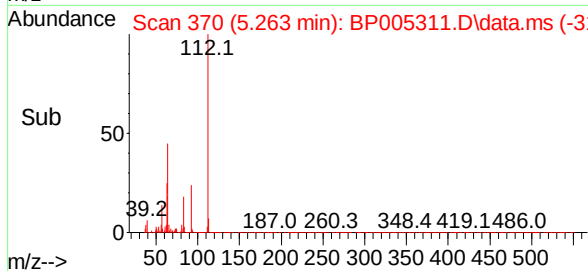
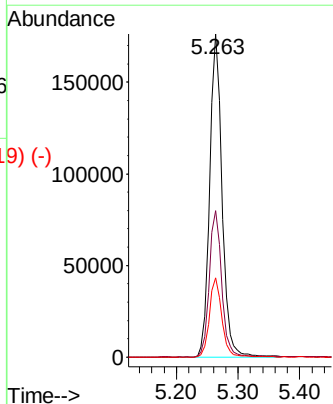
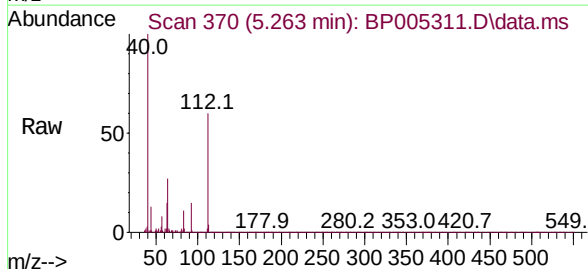
Instrument :
 BNA_P
 ClientSampleId :
 PB135754BL

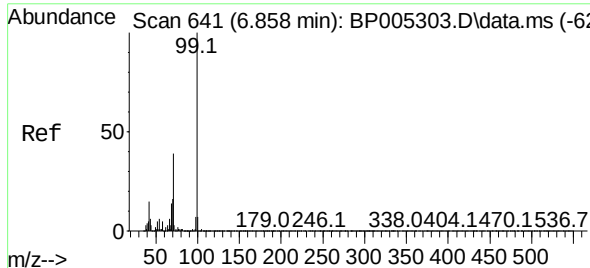
Tgt Ion:	152	Resp:	26384
Ion	Ratio	Lower	Upper
152	100		
150	148.6	122.9	184.3
115	59.5	52.2	78.2



2-Fluorophenol
 Concen: 113.72 ng
 RT: 5.263 min Scan# 370
 Delta R.T. -0.000 min
 Lab File: BP005311.D
 Acq: 16 Apr 2021 10:42

Tgt Ion:	112	Resp:	246073
Ion	Ratio	Lower	Upper
112	100		
64	45.4	37.6	56.4
63	24.6	20.4	30.6

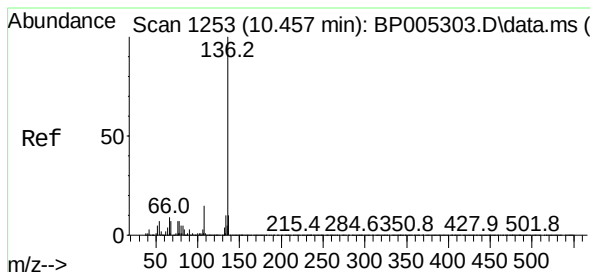
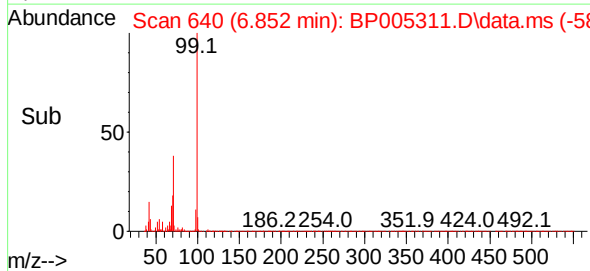
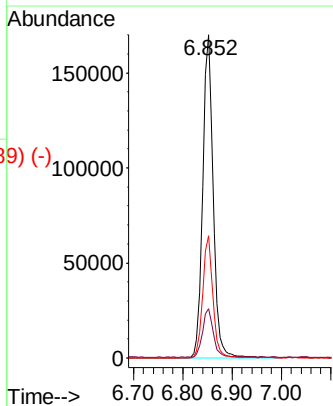
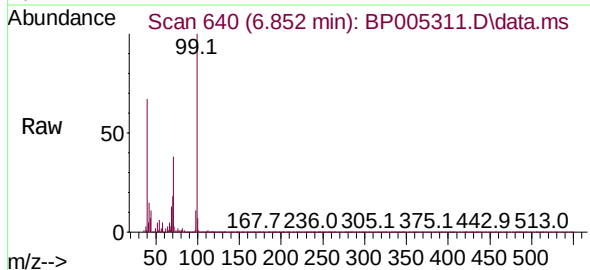




Phenol-d6
 Concen: 100.53 ng
 RT: 6.852 min Scan# 640
 Delta R.T. -0.000 min
 Lab File: BP005311.D
 Acq: 16 Apr 2021 10:42

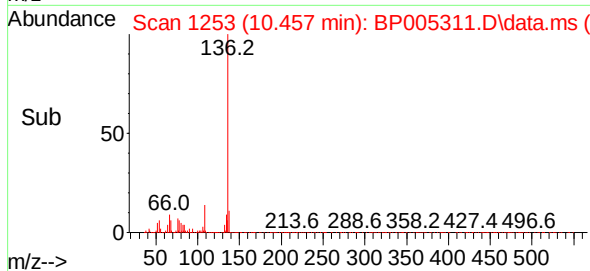
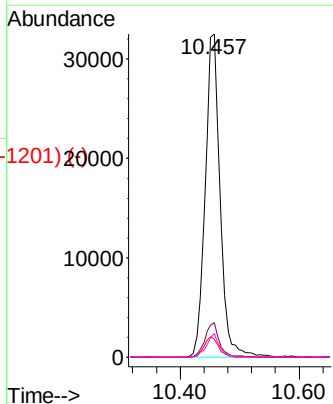
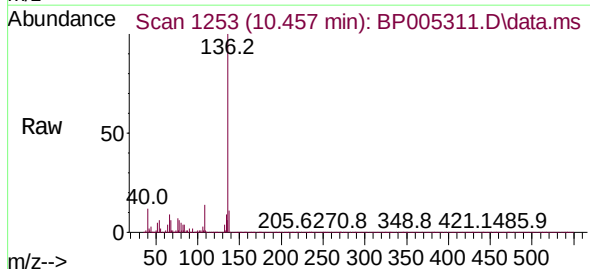
Instrument :
 BNA_P
 ClientSampleId :
 PB135754BL

Tgt Ion:	99	Resp:	251569
Ion	Ratio	Lower	Upper
99	100		
42	15.2	12.0	18.0
71	37.8	31.4	47.2

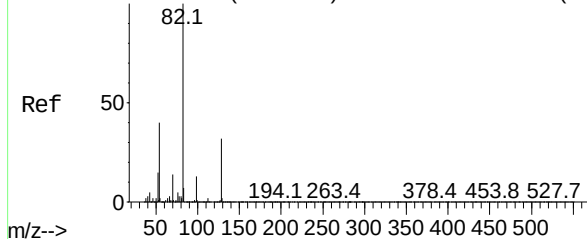


Naphthalene-d8
 Concen: 20.00 ng
 RT: 10.457 min Scan# 1253
 Delta R.T. 0.006 min
 Lab File: BP005311.D
 Acq: 16 Apr 2021 10:42

Tgt Ion:	136	Resp:	56751
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	5.5	5.8	8.8#
68	7.2	5.2	7.8



Abundance Scan 977 (8.834 min): BP005303.D\data.ms (-968) (-)

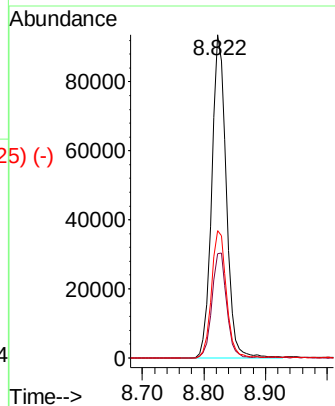
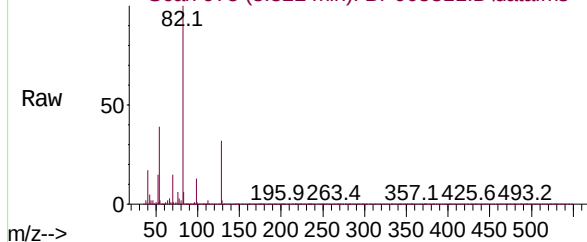


Nitrobenzene-d5
Concen: 83.20 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BP005311.D
Acq: 16 Apr 2021 10:42

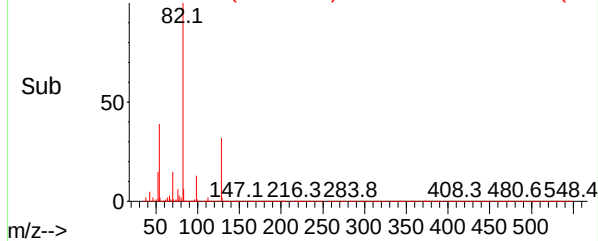
Instrument :
BNA_P
ClientSampleId :
PB135754BL

Tgt Ion:	82	Resp:	152889
Ion	Ratio	Lower	Upper
82	100		
128	32.3	25.3	37.9
54	39.3	31.7	47.5

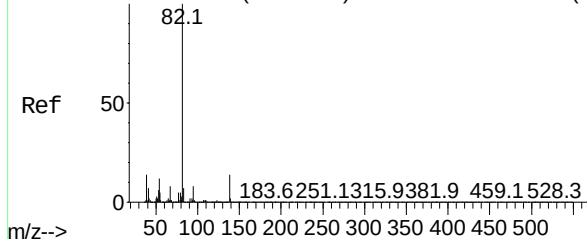
Abundance Scan 975 (8.822 min): BP005311.D\data.ms



Abundance Scan 975 (8.822 min): BP005311.D\data.ms (-925) (-)



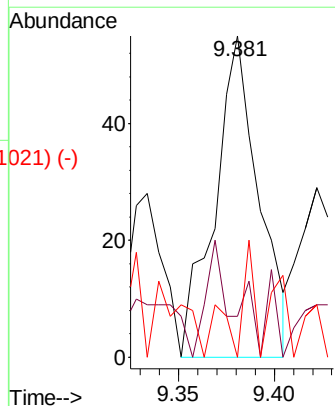
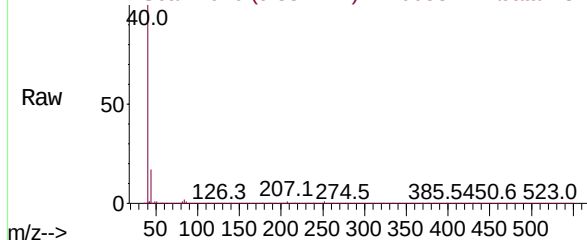
Abundance Scan 1073 (9.399 min): BP005303.D\data.ms (-1062) (-)



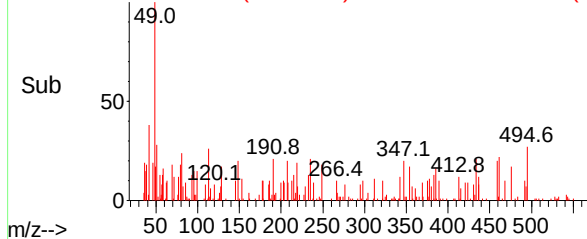
Isophorone
Concen: 2.63 ng
RT: 9.381 min Scan# 1070
Delta R.T. -0.012 min
Lab File: BP005311.D
Acq: 16 Apr 2021 10:42

Tgt Ion:	82	Resp:	88
Ion	Ratio	Lower	Upper
82	100		
95	12.7	6.6	10.0#
138	0.0	11.0	16.6#

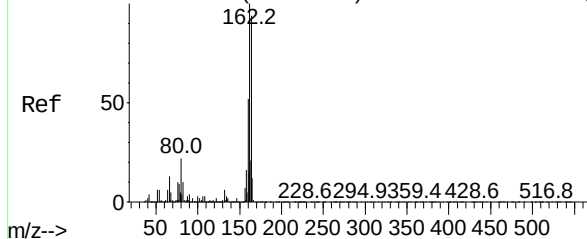
Abundance Scan 1070 (9.381 min): BP005311.D\data.ms



Abundance Scan 1070 (9.381 min): BP005311.D\data.ms (-1021) (-)



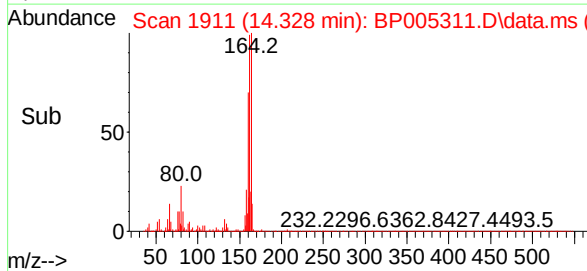
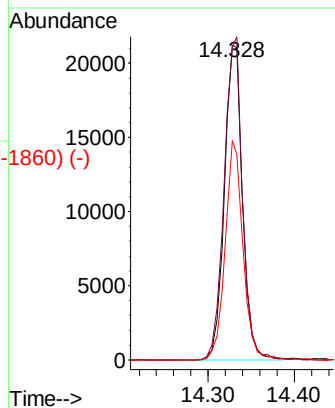
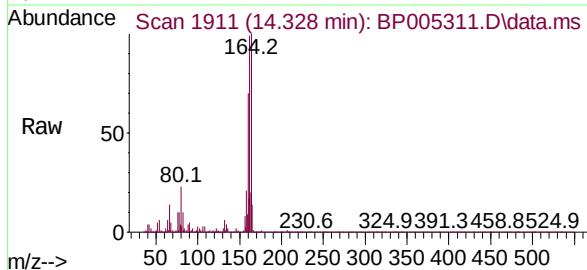
Abundance Scan 1912 (14.334 min): BP005303.D\data.ms (-1860) (-)



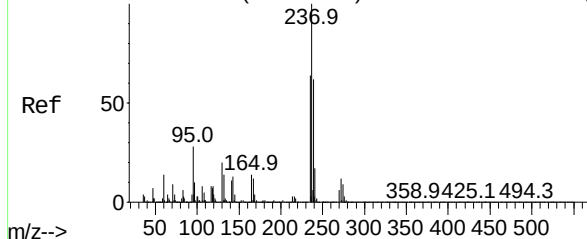
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.000 min
Lab File: BP005311.D
Acq: 16 Apr 2021 10:42

Instrument :
BNA_P
ClientSampleId :
PB135754BL

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	84.8	127.2
160	69.7	44.2	66.4#

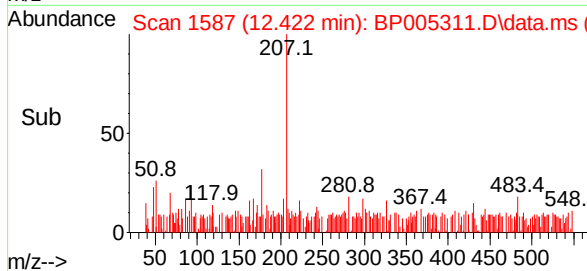
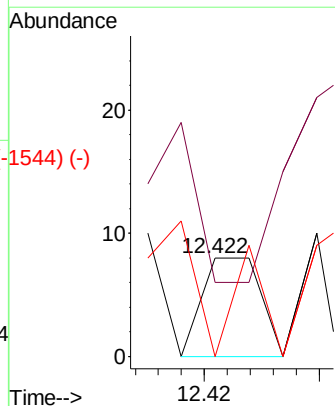
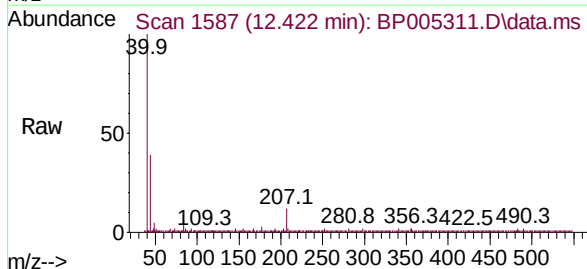


Abundance Scan 1596 (12.475 min): BP005303.D\data.ms (-1560) (-)



Hexachlorocyclopentadiene
Concen: 7.80 ng
RT: 12.422 min Scan# 1587
Delta R.T. -0.047 min
Lab File: BP005311.D
Acq: 16 Apr 2021 10:42

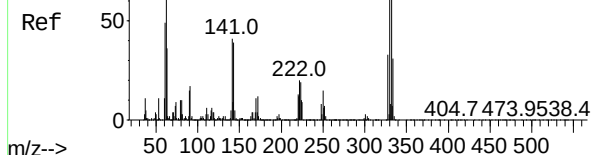
Tgt Ion	Ratio	Lower	Upper
237	100		
235	75.0	44.0	84.0
272	0.0	0.0	31.7



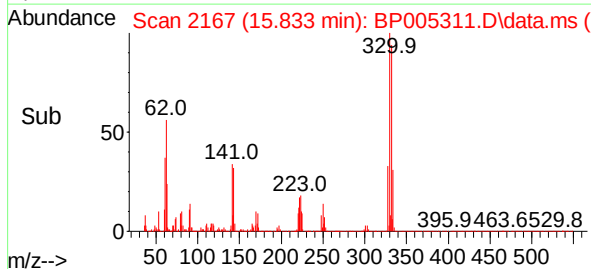
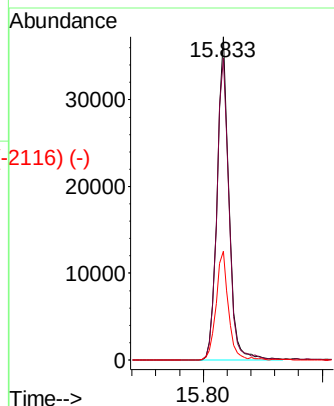
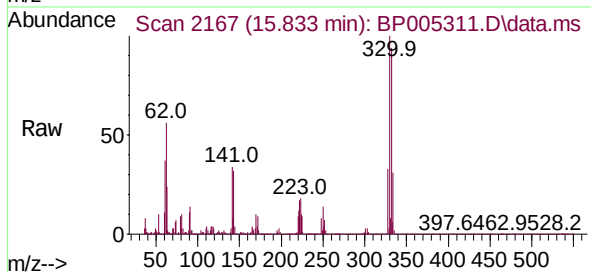
Abundance Scan 2167 (15.834 min): BP005303.D\data.ms (-2150) (-)

2,4,6-Tribromophenol
Concen: 121.60 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.000 min
Lab File: BP005311.D
Acq: 16 Apr 2021 10:42

Instrument :
BNA_P
ClientSampled :
PB135754BL

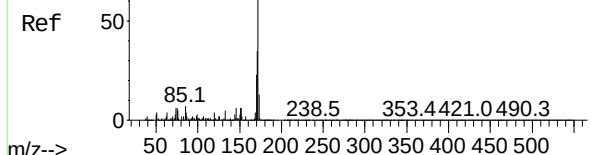


Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.6	118.0
141	34.7	31.6	47.4

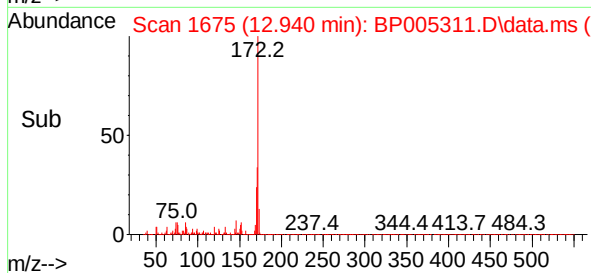
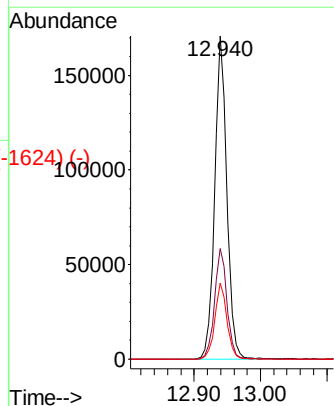
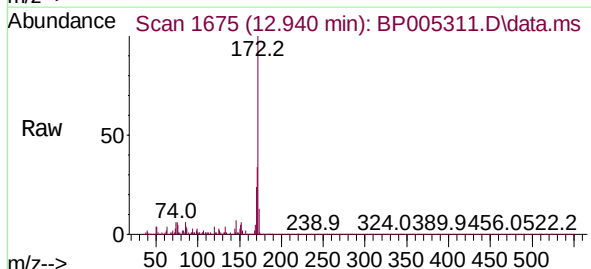


Abundance Scan 1676 (12.945 min): BP005303.D\data.ms (-1664) (-)

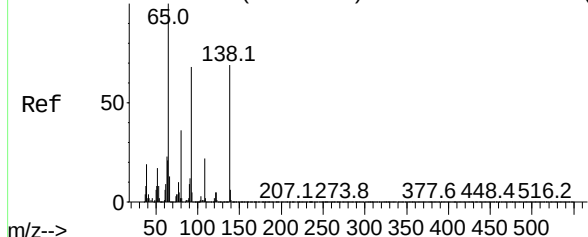
2-Fluorobiphenyl
Concen: 91.68 ng
RT: 12.940 min Scan# 1675
Delta R.T. -0.000 min
Lab File: BP005311.D
Acq: 16 Apr 2021 10:42



Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.3	27.8	41.8
170	23.6	18.7	28.1



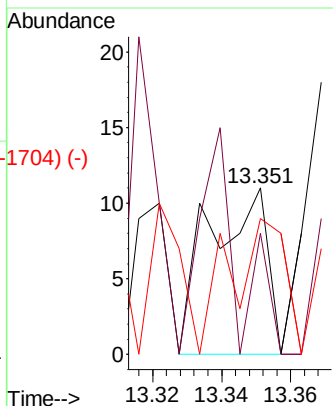
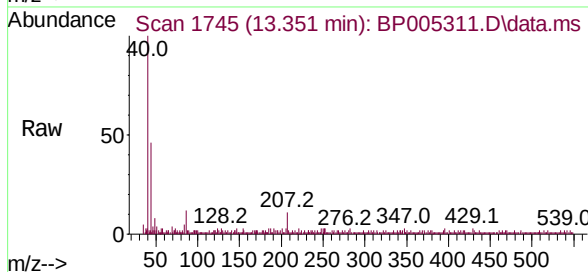
Abundance Scan 1756 (13.416 min): BP005303.D\data.ms (-1748) (-)



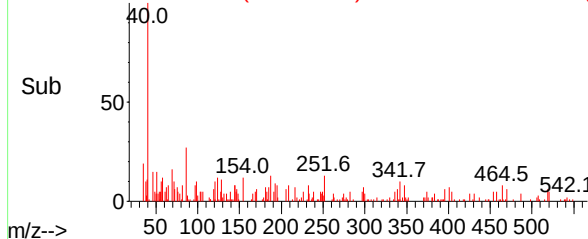
2-Nitroaniline
Concen: 4.07 ng
RT: 13.351 min Scan# 1745
Delta R.T. -0.059 min
Lab File: BP005311.D
Acq: 16 Apr 2021 10:42

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ClientSampleId :
PB135754BL

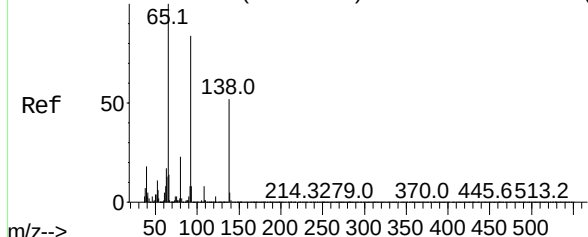
Tgt Ion:	65	Resp:	13
Ion	Ratio	Lower	Upper
65	100		
92	72.7	54.6	82.0
138	81.8	55.4	83.0



Abundance Scan 1745 (13.351 min): BP005311.D\data.ms (-1704) (-)

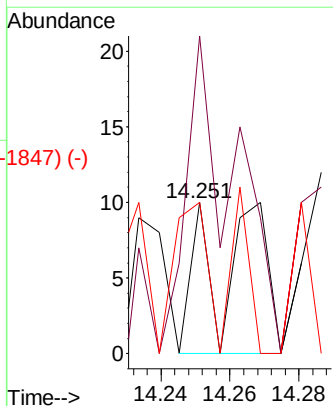
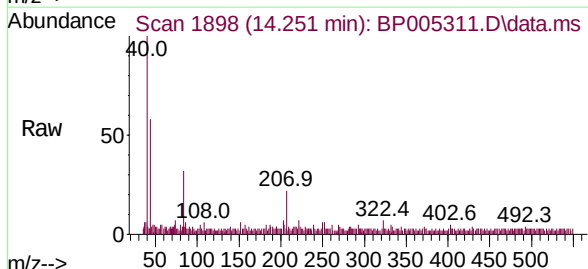


Abundance Scan 1898 (14.251 min): BP005303.D\data.ms (-1853) (-)

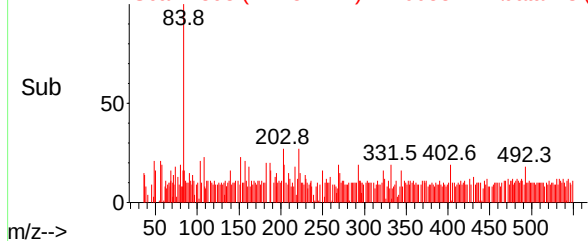


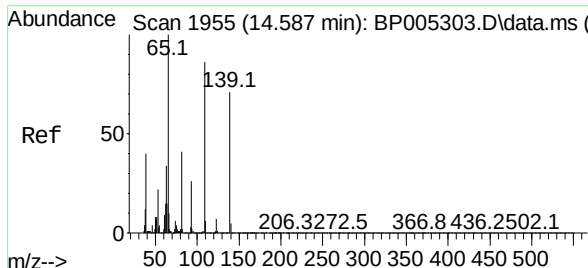
3-Nitroaniline
Concen: 3.13 ng
RT: 14.251 min Scan# 1898
Delta R.T. -0.000 min
Lab File: BP005311.D
Acq: 16 Apr 2021 10:42

Tgt Ion:	138	Resp:	10
Ion	Ratio	Lower	Upper
138	100		
108	210.0	11.8	17.8#
92	100.0	129.0	193.4#



Abundance Scan 1898 (14.251 min): BP005311.D\data.ms (-1847) (-)

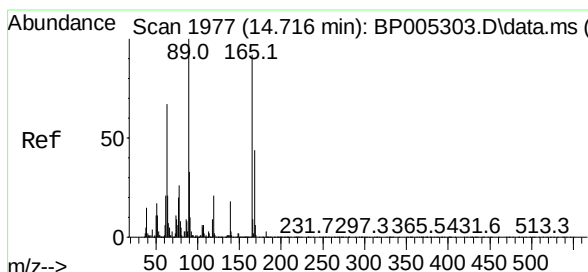
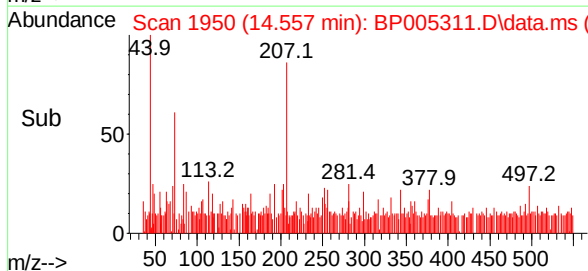
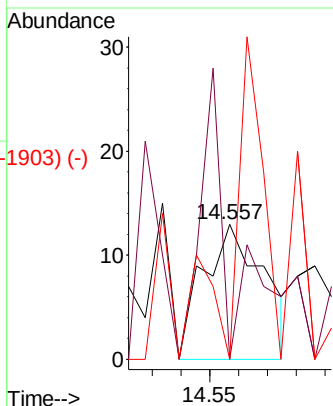
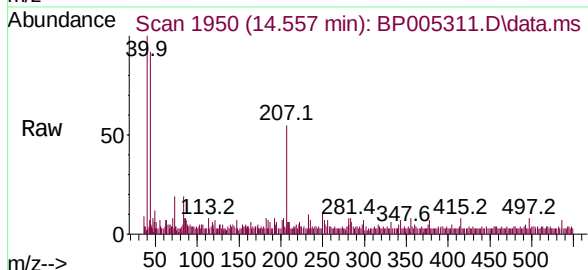




Scan 1955 (14.587 min): BP005303.D\data.ms (-1955) (-)
 4-Nitrophenol
 Concen: 6.03 ng
 RT: 14.557 min Scan# 1950
 Delta R.T. -0.024 min
 Lab File: BP005311.D
 Acq: 16 Apr 2021 10:42

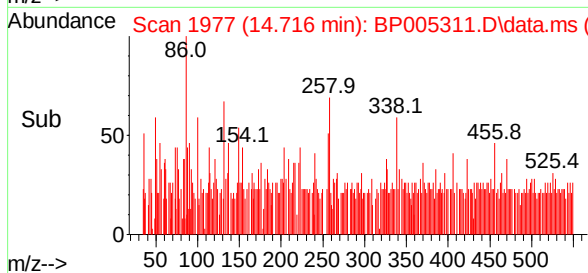
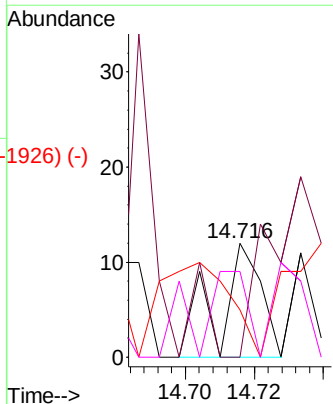
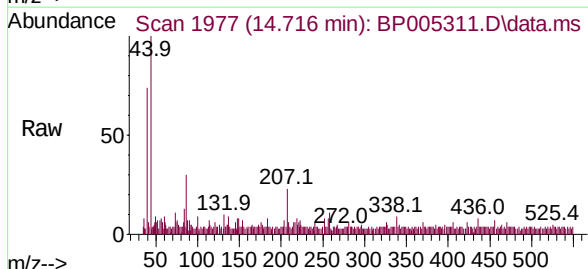
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Tgt Ion:	139	Resp:	19
Ion	Ratio	Lower	Upper
139	100		
109	0.0	101.8	141.8#
65	0.0	121.3	161.3#



Scan 1977 (14.716 min): BP005303.D\data.ms (-1977) (-)
 2,4-Dinitrotoluene
 Concen: 3.43 ng
 RT: 14.716 min Scan# 1977
 Delta R.T. -0.000 min
 Lab File: BP005311.D
 Acq: 16 Apr 2021 10:42

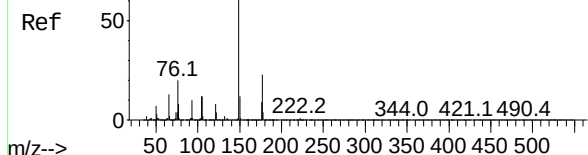
Tgt Ion:	165	Resp:	10
Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.3	87.5#
89	41.7	87.0	130.4#
182	75.0	2.6	4.0#



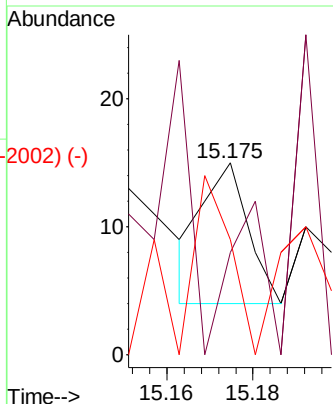
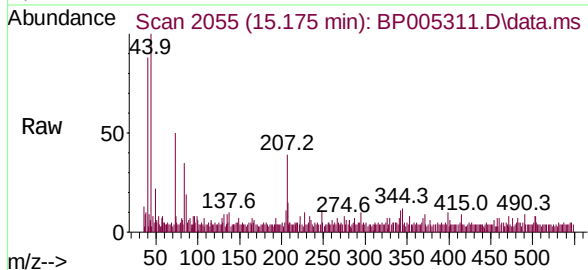
Abundance Scan 2054 (15.169 min): BP005303.D\data.ms (-2068) (-)

Diethylphthalate
Concen: 4.14 ng
RT: 15.175 min Scan# 2055
Delta R.T. 0.012 min
Lab File: BP005311.D
Acq: 16 Apr 2021 10:42

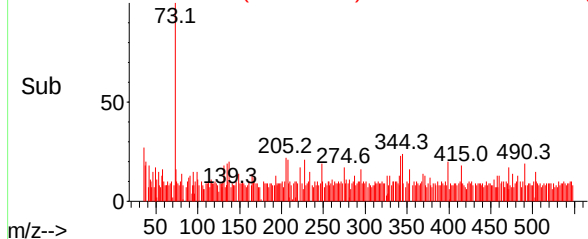
Instrument :
BNA_P
ClientSampled :
PB135754BL



Tgt Ion:	149	Resp:	8
Ion	Ratio	Lower	Upper
149	100		
177	53.3	18.6	27.8#
150	60.0	9.8	14.8#



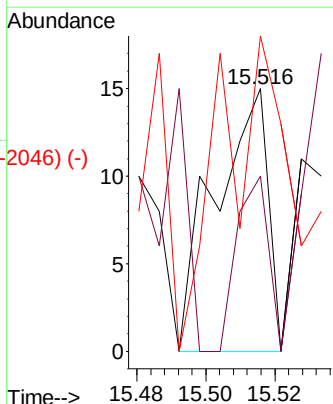
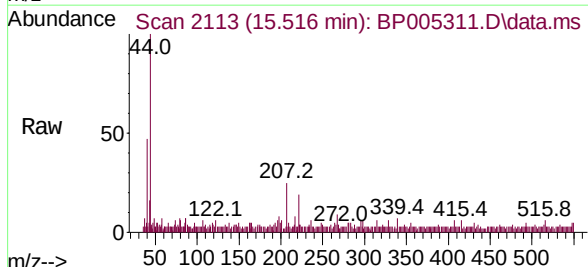
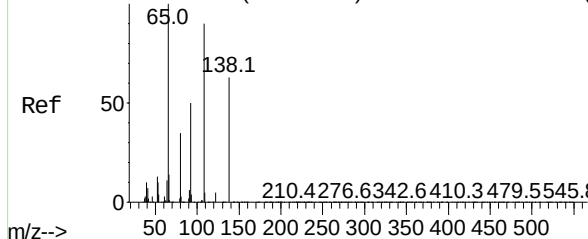
Abundance Scan 2055 (15.175 min): BP005311.D\data.ms (-2002) (-)



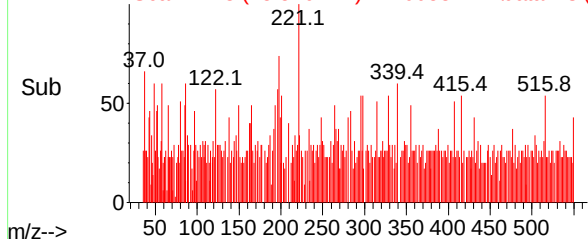
Abundance Scan 2098 (15.428 min): BP005303.D\data.ms (-2068) (-)

4-Nitroaniline
Concen: 3.96 ng
RT: 15.516 min Scan# 2113
Delta R.T. 0.094 min
Lab File: BP005311.D
Acq: 16 Apr 2021 10:42

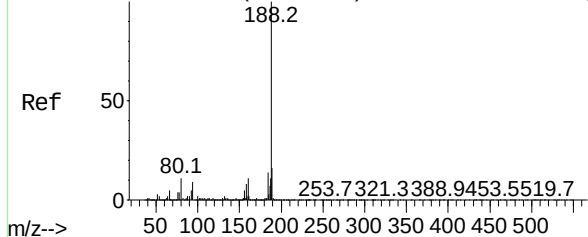
Tgt Ion:	138	Resp:	16
Ion	Ratio	Lower	Upper
138	100		
92	66.7	57.0	97.0
108	120.0	115.8	155.8



Abundance Scan 2113 (15.516 min): BP005311.D\data.ms (-2046) (-)



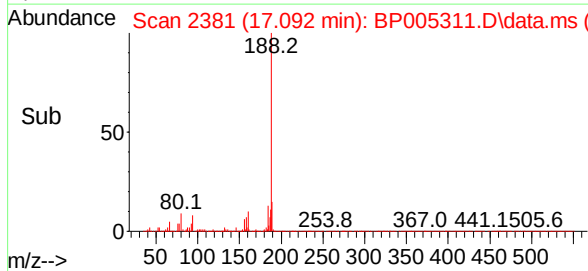
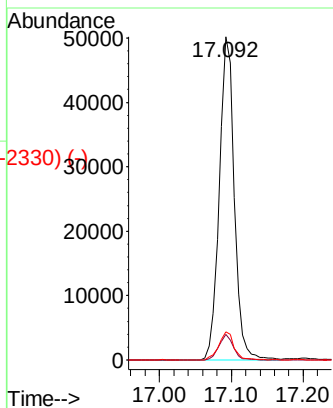
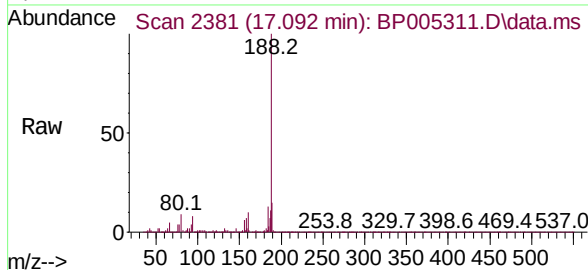
Abundance Scan 2382 (17.098 min): BP005303.D\data.ms (-2382) (-)



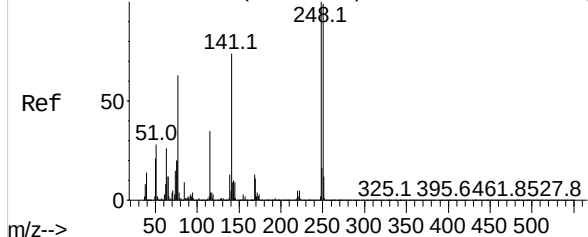
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.000 min
Lab File: BP005311.D
Acq: 16 Apr 2021 10:42

Instrument :
BNA_P
ClientSampleId :
PB135754BL

Tgt Ion:	188	Resp:	72517
Ion Ratio	Lower	Upper	
188	100		
94	8.0	7.0	10.6
80	8.7	8.4	12.6

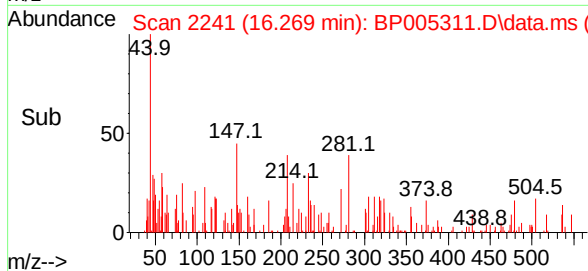
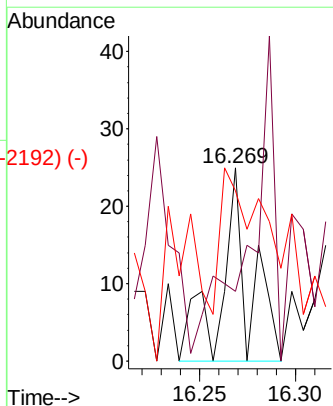
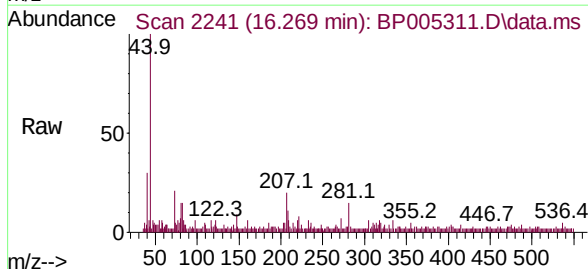


Abundance Scan 2244 (16.286 min): BP005303.D\data.ms (-2244) (-)



4-Bromophenyl-phenylether
Concen: 3.48 ng
RT: 16.269 min Scan# 2241
Delta R.T. -0.012 min
Lab File: BP005311.D
Acq: 16 Apr 2021 10:42

Tgt Ion:	248	Resp:	26
Ion Ratio	Lower	Upper	
248	100		
250	36.0	79.0	118.6#
141	88.0	59.0	88.4



Abundance Scan 3079 (21.198 min): BP005303.D\data.ms (-3072) (-)

Chrysene-d12

Concen: 20.00 ng

RT: 21.198 min Scan# 3079

Delta R.T. -0.000 min

Lab File: BP005311.D

Acq: 16 Apr 2021 10:42

Tgt Ion:240 Resp: 115359

Ion Ratio Lower Upper

240 100

120 5.7 6.5 9.7#

236 25.5 19.8 29.6

Instrument :

BNA_P

ClientSampleId :

PB135754BL

Abundance Scan 3079 (21.198 min): BP005311.D\data.ms

Ref 50

240.3

54.1 120.1 330.5 400.3 464.8 530.9

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance Scan 3079 (21.198 min): BP005311.D\data.ms

Raw 50

42.0 118.1 310.0 375.3 441.4 506.0

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance Scan 3079 (21.198 min): BP005311.D\data.ms (-3028) (-)

Sub 50

240.3

52.0 118.1 310.0 375.3 444.6 509.1

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance

21.198

80000

60000

40000

20000

0

Time--> 21.10 21.20 21.30

Abundance Scan 2820 (19.674 min): BP005303.D\data.ms (-2819) (-)

Terphenyl-d14

Concen: 80.43 ng

RT: 19.669 min Scan# 2819

Delta R.T. -0.000 min

Lab File: BP005311.D

Acq: 16 Apr 2021 10:42

Tgt Ion:244 Resp: 469748

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.6

122 7.9 6.7 10.1

Abundance Scan 2819 (19.669 min): BP005311.D\data.ms

Ref 50

244.3

54.1 160.2 311.7 377.9 448.7 513.3

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance Scan 2819 (19.669 min): BP005311.D\data.ms

Raw 50

54.1 160.2 311.7 377.9 448.7 513.3

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance Scan 2819 (19.669 min): BP005311.D\data.ms (-2768) (-)

Sub 50

244.3

54.0 160.2 311.7 379.5 447.1 513.3

m/z--> 50 100 150 200 250 300 350 400 450 500

Abundance

19.669

400000

300000

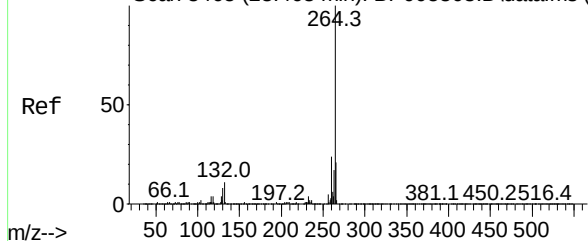
200000

100000

0

Time--> 19.60 19.70

Abundance Scan 3465 (23.468 min): BP005303.D\data.ms (-3456) (-)



Perylene-d12
Concen: 20.00 ng
RT: 23.462 min Scan# 3464
Delta R.T. -0.000 min
Lab File: BP005311.D
Acq: 16 Apr 2021 10:42

Instrument :
BNA_P
ClientSampleId :
PB135754BL

Tgt Ion:	264	Resp:	122064
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.6
265	22.5	17.0	25.6

