

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110724\
 Data File : BE101525.D
 Acq On : 7 Nov 2024 11:26
 Operator : RC/JU
 Sample : PB164711BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164711BL

Quant Time: Nov 07 11:12:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 00:01:20 2024
 Response via : Initial Calibration

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

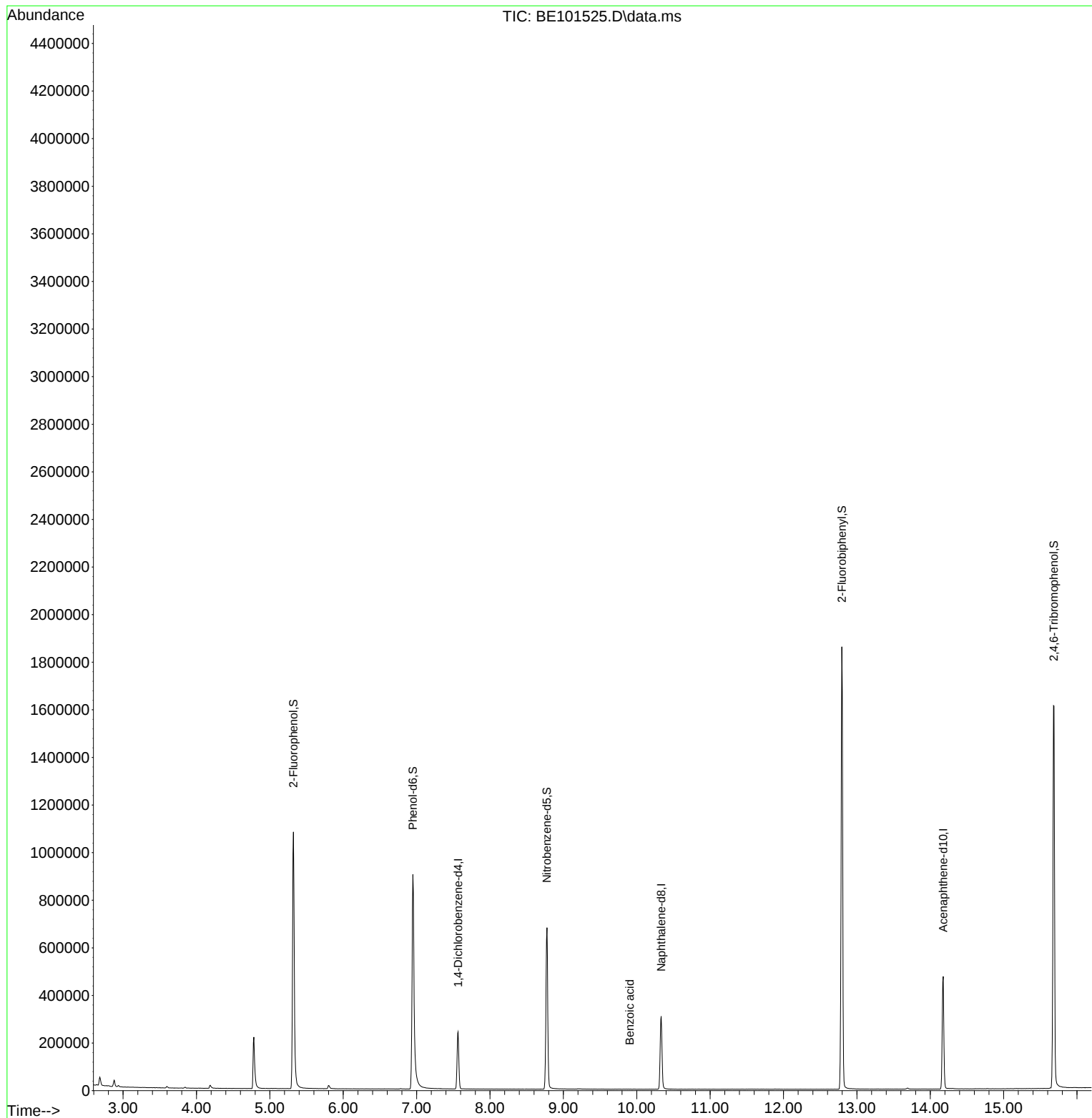
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	70050	20.000	ng	0.00
21) Naphthalene-d8	10.333	136	282724	20.000	ng	0.00
39) Acenaphthene-d10	14.176	164	172547	20.000	ng	0.00
64) Phenanthrene-d10	16.914	188	381552	20.000	ng	0.00
76) Chrysene-d12	21.074	240	468916	20.000	ng	0.00
86) Perylene-d12	23.359	264	671548	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	567284	143.192	ng	0.00
7) Phenol-d6	6.949	99	692828	127.550	ng	0.00
23) Nitrobenzene-d5	8.776	82	412982	92.267	ng	0.00
42) 2,4,6-Tribromophenol	15.686	330	422295	130.065	ng	0.00
45) 2-Fluorobiphenyl	12.795	172	993875	94.050	ng	0.00
79) Terphenyl-d14	19.505	244	1939141	91.539	ng	0.00
Target Compounds						
32) Benzoic acid	9.904	122	23	6.841	ng	Qvalue # 25

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

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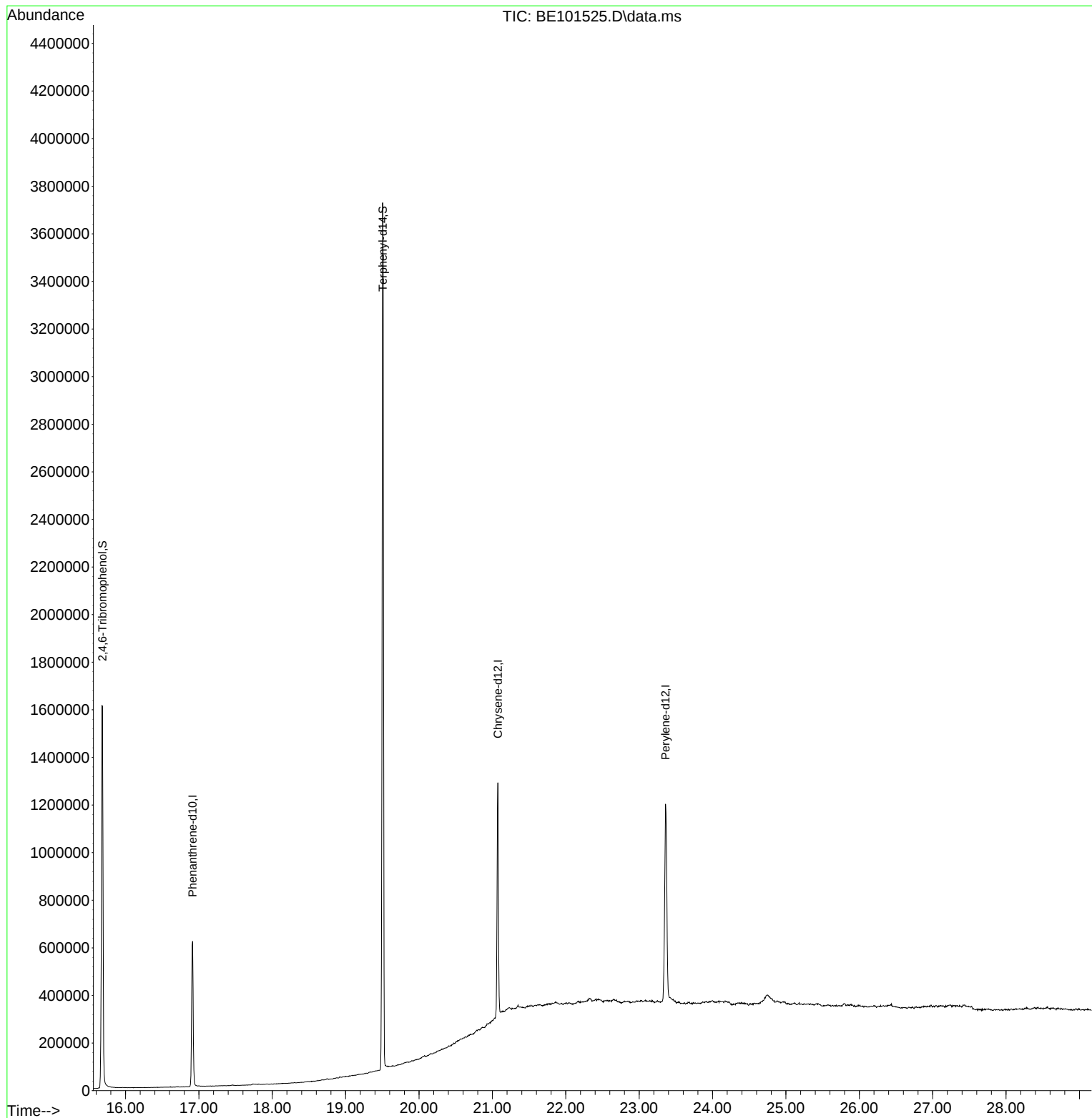
Quant Time: Nov 07 11:12:24 2024
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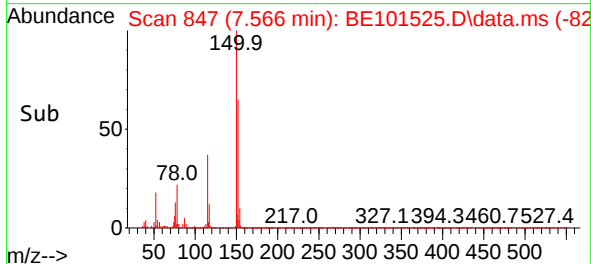
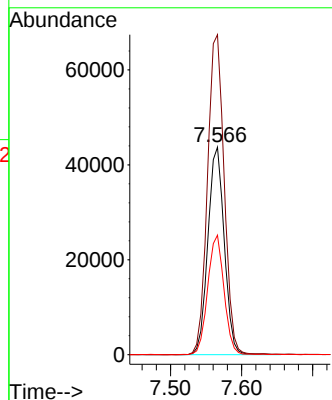
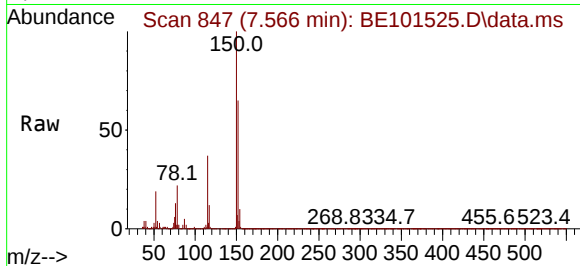




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.566 min Scan# 84
Delta R.T. 0.003 min
Lab File: BE101525.D
Acq: 7 Nov 2024 11:26

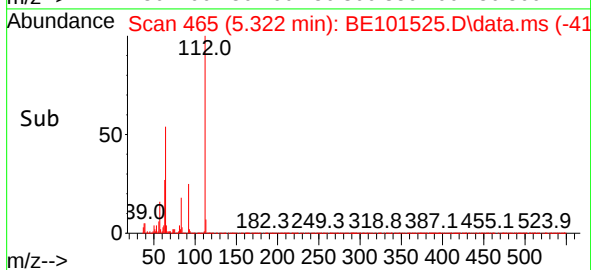
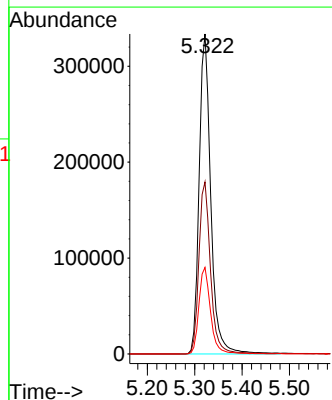
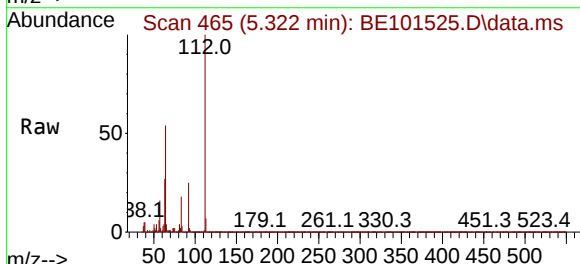
Instrument :
BNA_E
ClientSampleId :
PB164711BL

Tgt Ion:152 Resp: 70050
Ion Ratio Lower Upper
152 100
150 154.2 126.3 189.5
115 57.6 45.0 67.4



#5
2-Fluorophenol
Concen: 143.192 ng
RT: 5.322 min Scan# 465
Delta R.T. 0.009 min
Lab File: BE101525.D
Acq: 7 Nov 2024 11:26

Tgt Ion:112 Resp: 567284
Ion Ratio Lower Upper
112 100
64 53.8 43.2 64.8
63 27.1 21.8 32.6

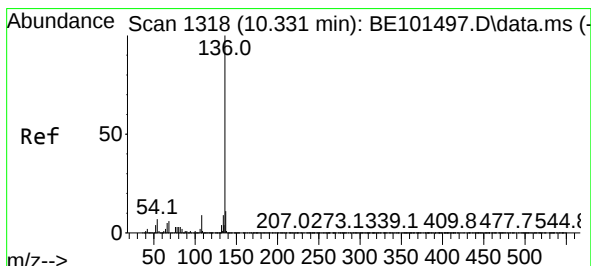
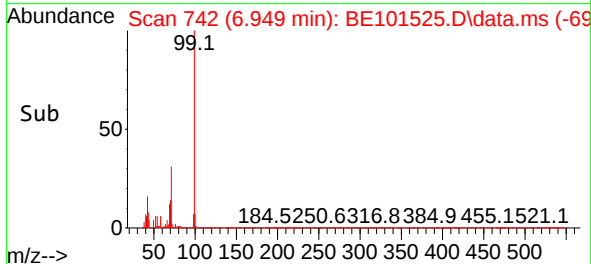
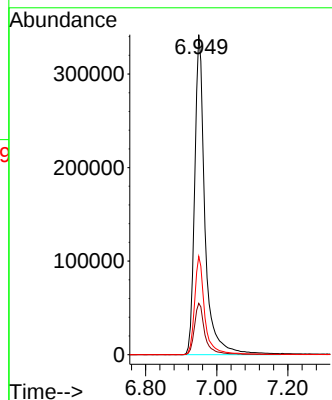
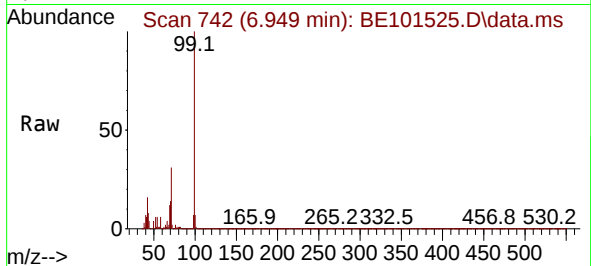




#7
Phenol-d6
Concen: 127.550 ng
RT: 6.949 min Scan# 742
Delta R.T. 0.003 min
Lab File: BE101525.D
Acq: 7 Nov 2024 11:26

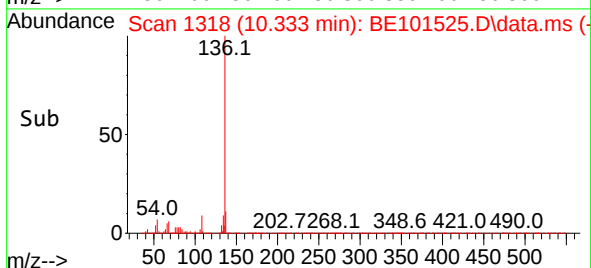
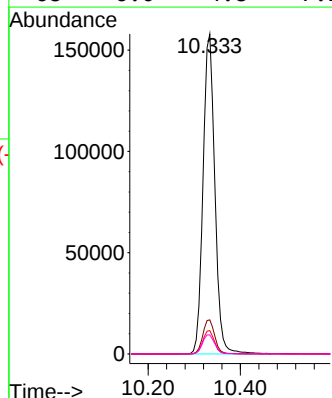
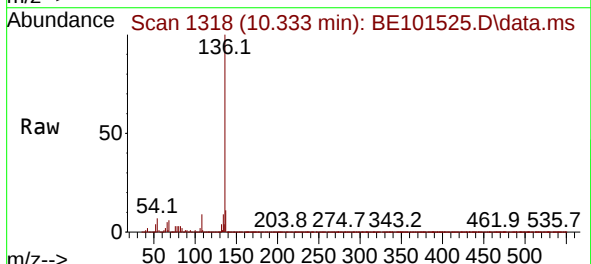
Instrument :
BNA_E
ClientSampleId :
PB164711BL

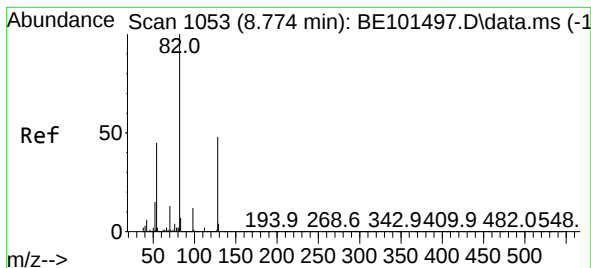
Tgt Ion: 99 Resp: 692828
Ion Ratio Lower Upper
99 100
42 16.1 12.5 18.7
71 30.7 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.333 min Scan# 1318
Delta R.T. 0.003 min
Lab File: BE101525.D
Acq: 7 Nov 2024 11:26

Tgt Ion: 136 Resp: 282724
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.3 5.6 8.4
68 6.0 4.8 7.2

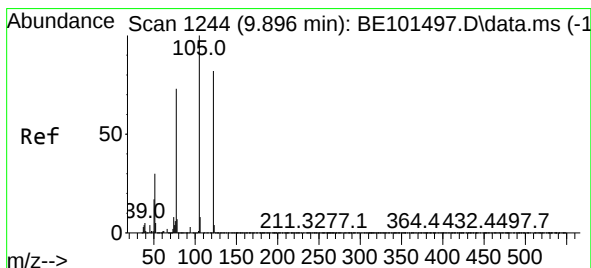
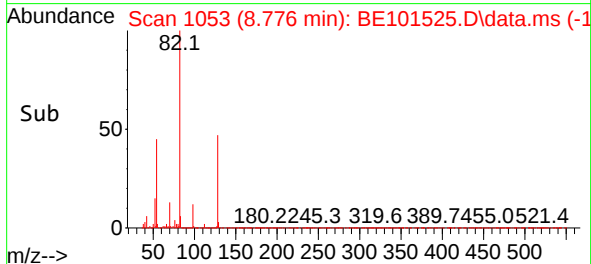
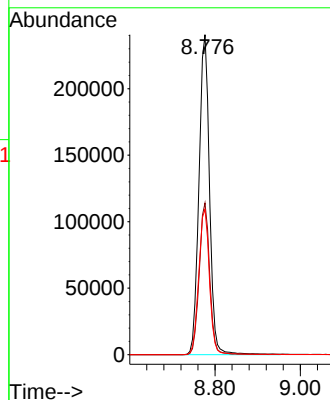
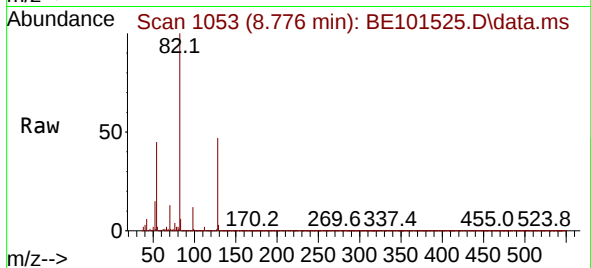




#23
Nitrobenzene-d5
Concen: 92.267 ng
RT: 8.776 min Scan# 1053
Delta R.T. 0.003 min
Lab File: BE101525.D
Acq: 7 Nov 2024 11:26

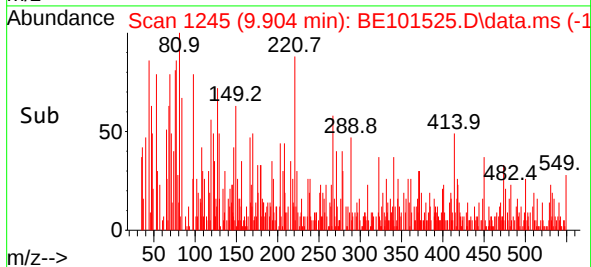
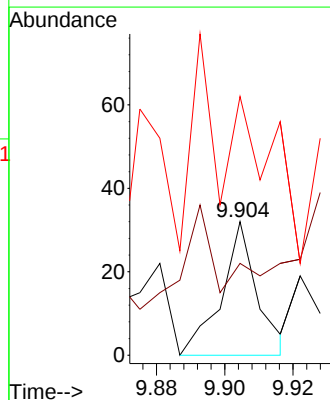
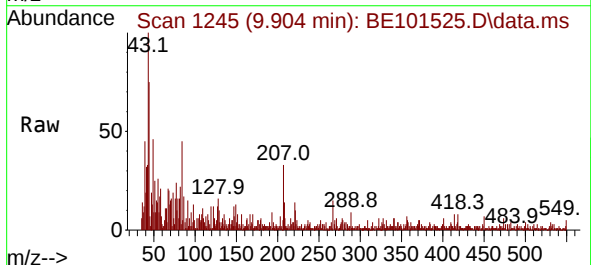
Instrument :
BNA_E
ClientSampleId :
PB164711BL

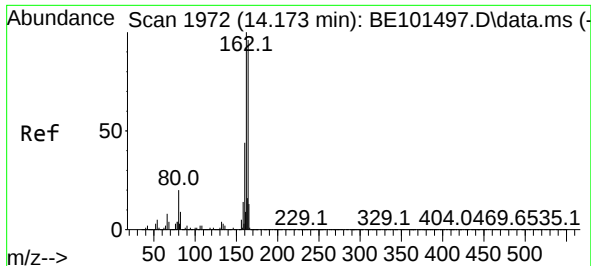
Tgt Ion: 82 Resp: 412982
Ion Ratio Lower Upper
82 100
128 47.4 38.6 58.0
54 45.4 36.3 54.5



#32
Benzoic acid
Concen: 6.841 ng
RT: 9.904 min Scan# 1245
Delta R.T. 0.008 min
Lab File: BE101525.D
Acq: 7 Nov 2024 11:26

Tgt Ion: 122 Resp: 23
Ion Ratio Lower Upper
122 100
105 68.8 100.6 140.6#
77 193.8 68.6 108.6#

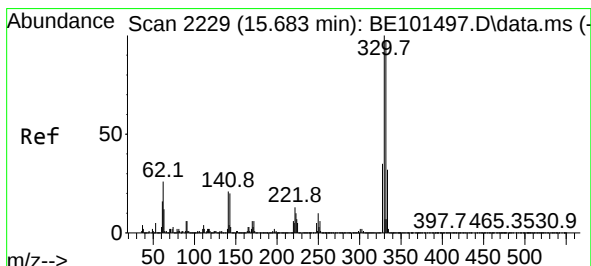
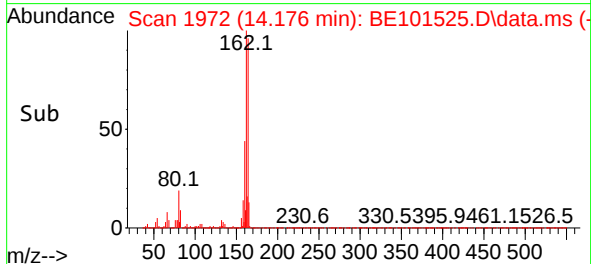
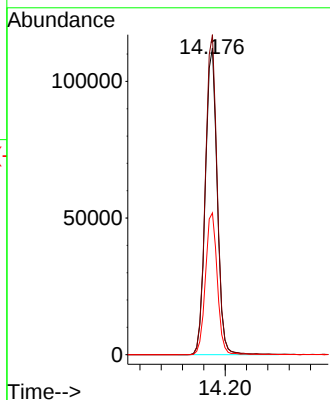
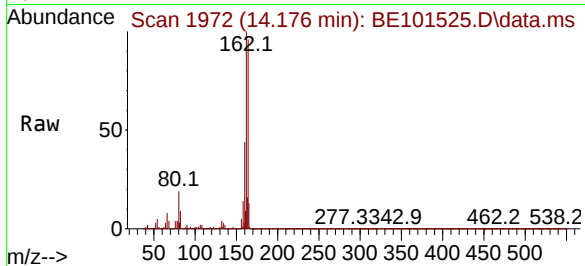




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.176 min Scan# 1972
Delta R.T. 0.003 min
Lab File: BE101525.D
Acq: 7 Nov 2024 11:26

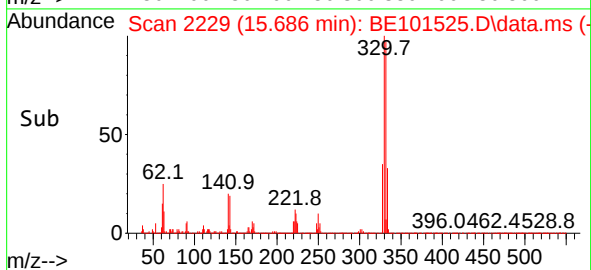
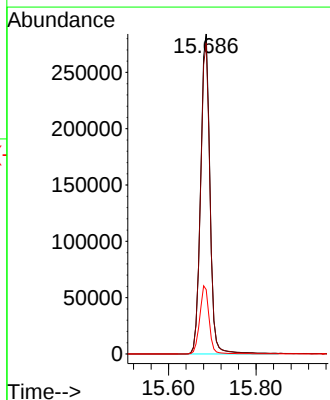
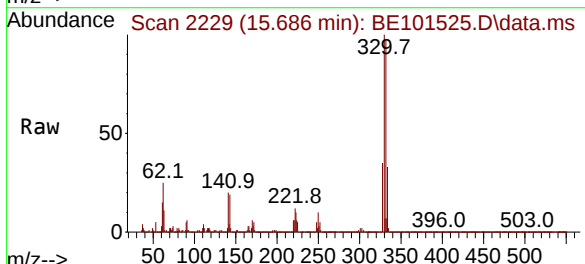
Instrument :
BNA_E
ClientSampleId :
PB164711BL

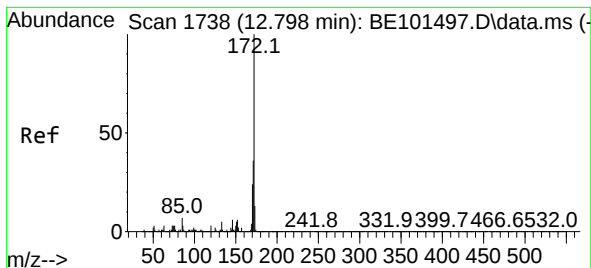
Tgt Ion:164 Resp: 172547
Ion Ratio Lower Upper
164 100
162 104.3 83.7 125.5
160 46.2 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 130.065 ng
RT: 15.686 min Scan# 2229
Delta R.T. 0.003 min
Lab File: BE101525.D
Acq: 7 Nov 2024 11:26

Tgt Ion:330 Resp: 422295
Ion Ratio Lower Upper
330 100
332 98.0 77.7 116.5
141 21.3 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 94.050 ng

RT: 12.795 min Scan# 11

Delta R.T. -0.003 min

Lab File: BE101525.D

Acq: 7 Nov 2024 11:26

Instrument :

BNA_E

ClientSampleId :

PB164711BL

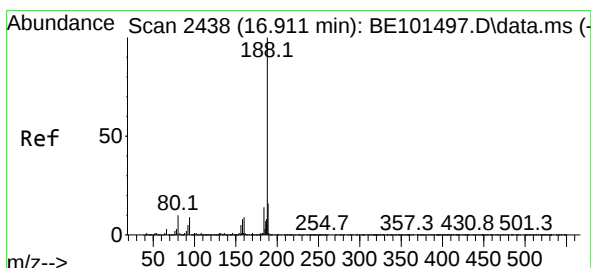
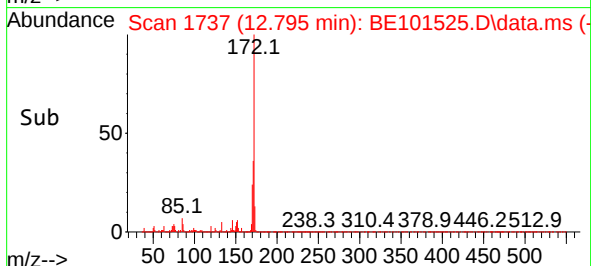
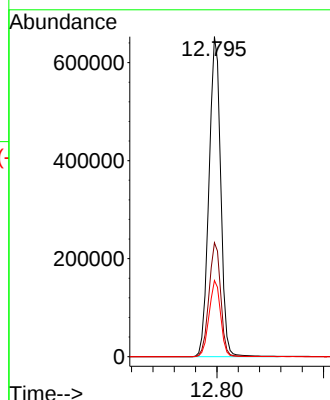
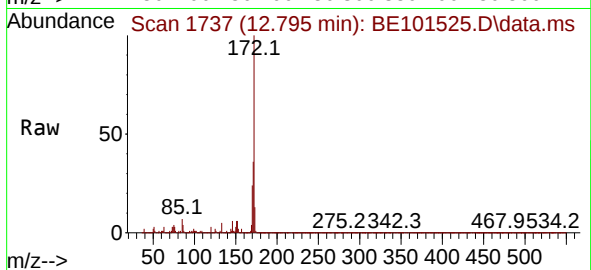
Tgt Ion:172 Resp: 993875

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.8 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.914 min Scan# 2438

Delta R.T. 0.003 min

Lab File: BE101525.D

Acq: 7 Nov 2024 11:26

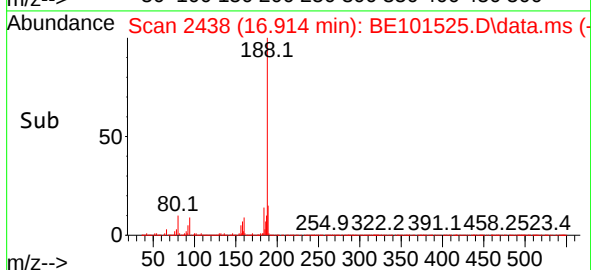
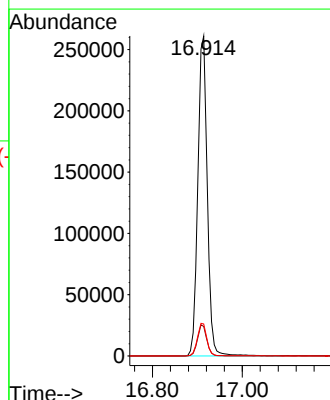
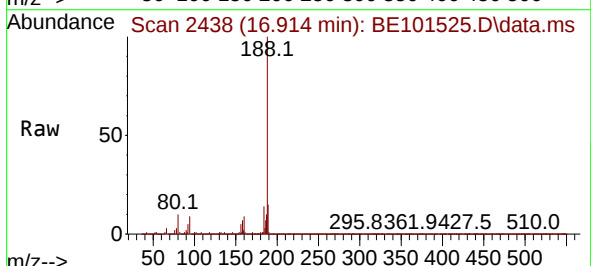
Tgt Ion:188 Resp: 381552

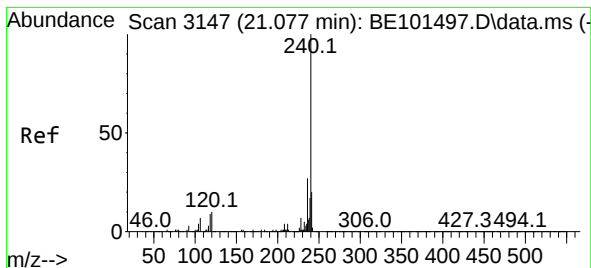
Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

80 10.0 8.0 12.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.074 min Scan# 3147

Delta R.T. -0.003 min

Lab File: BE101525.D

Acq: 7 Nov 2024 11:26

Instrument :

BNA_E

ClientSampleId :

PB164711BL

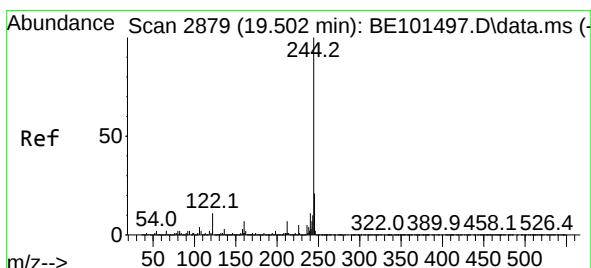
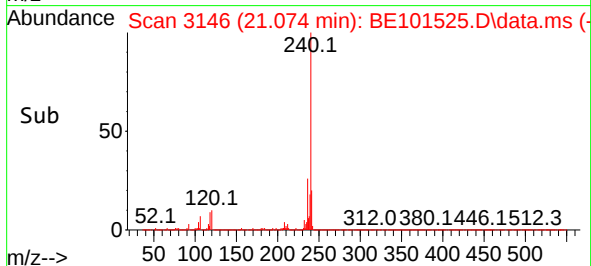
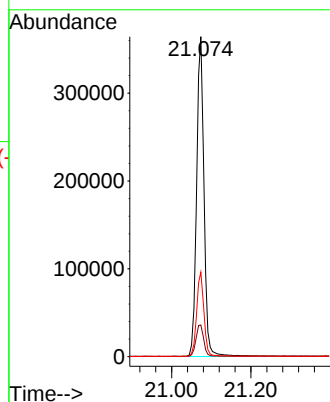
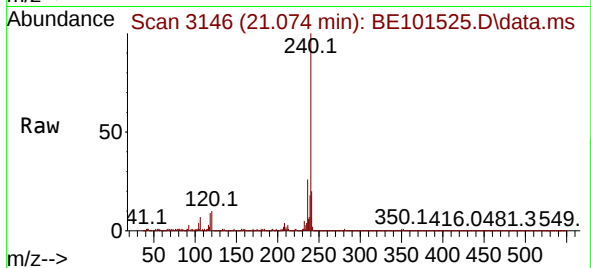
Tgt Ion:240 Resp: 468916

Ion Ratio Lower Upper

240 100

120 9.9 8.2 12.4

236 26.4 21.4 32.2



#79

Terphenyl-d14

Concen: 91.539 ng

RT: 19.505 min Scan# 2879

Delta R.T. 0.003 min

Lab File: BE101525.D

Acq: 7 Nov 2024 11:26

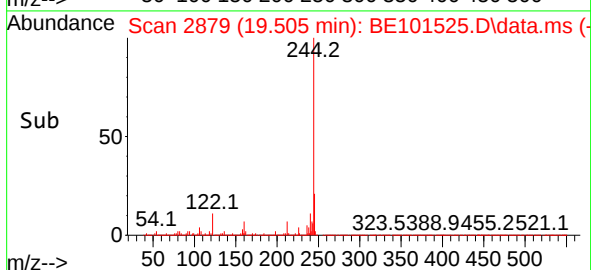
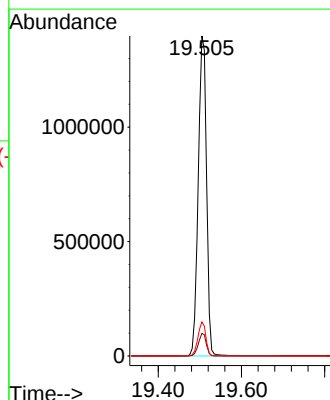
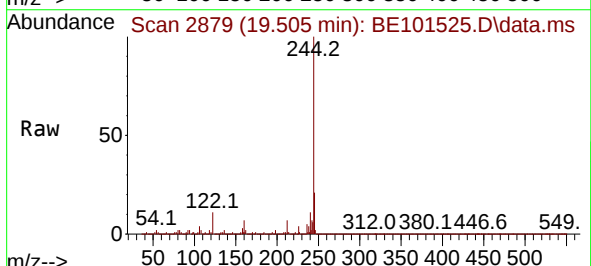
Tgt Ion:244 Resp: 1939141

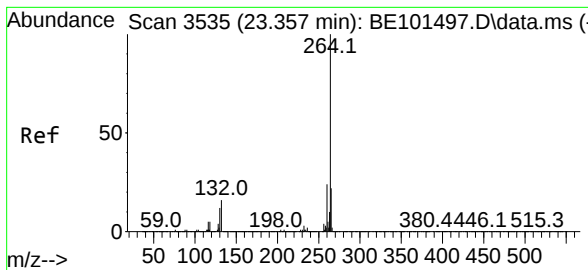
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.6 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.359 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: BE101525.D
 Acq: 7 Nov 2024 11:26

Instrument :
 BNA_E
 ClientSampleId :
 PB164711BL

Tgt Ion:264 Resp: 671548

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.7	17.4	26.2

