

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110724\
 Data File : BE101529.D
 Acq On : 7 Nov 2024 13:55
 Operator : RC/JU
 Sample : P4667-12RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F-10

Quant Time: Nov 07 13:35:45 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)

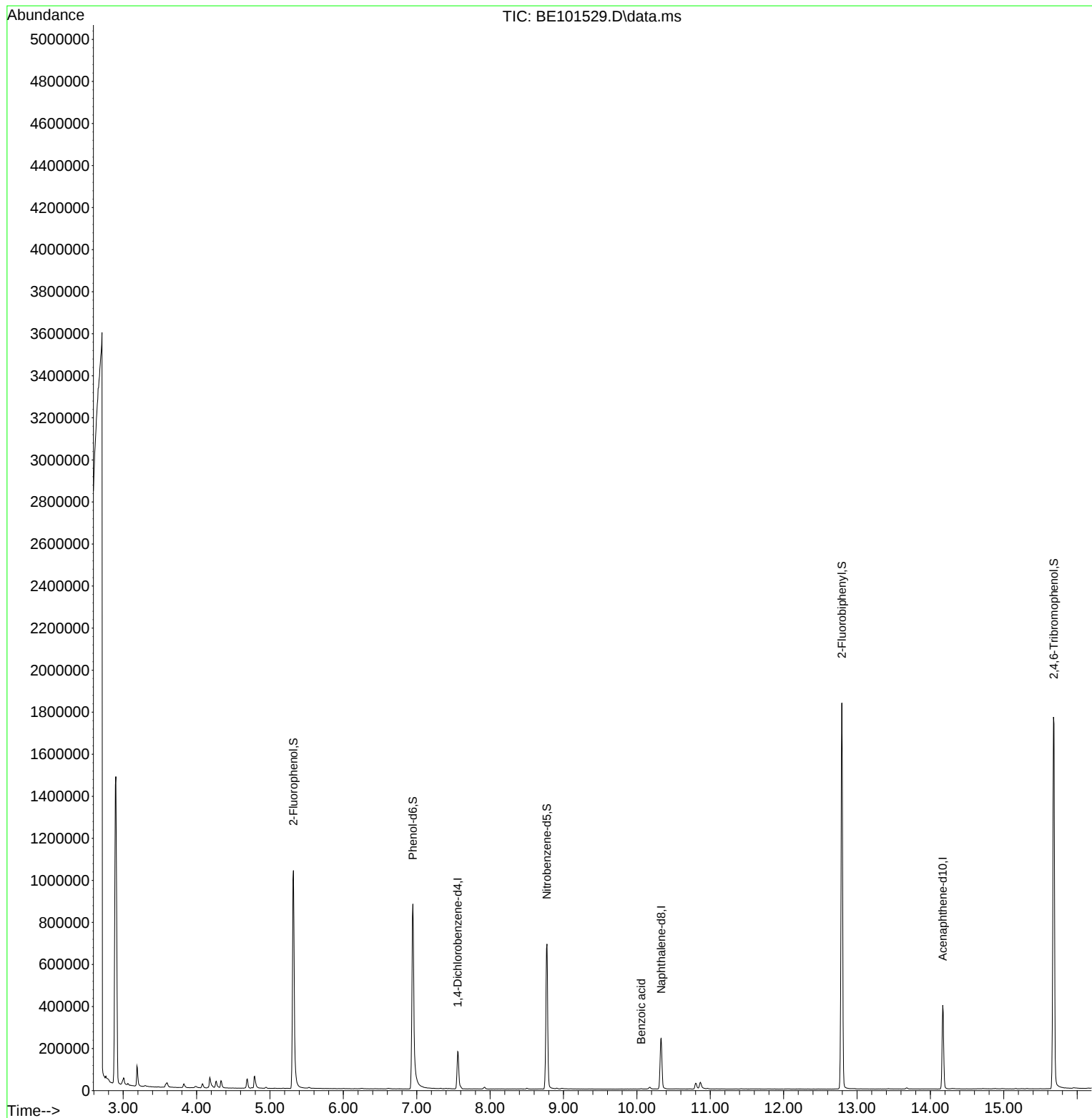
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	51607	20.000	ng	0.00
21) Naphthalene-d8	10.332	136	226530	20.000	ng	0.00
39) Acenaphthene-d10	14.169	164	141806	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	328797	20.000	ng	0.00
76) Chrysene-d12	21.067	240	376478	20.000	ng	-0.01
86) Perylene-d12	23.358	264	358570	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	558163	191.240	ng	0.00
7) Phenol-d6	6.948	99	673828	168.385	ng	0.00
23) Nitrobenzene-d5	8.775	82	423797	118.170	ng	0.00
42) 2,4,6-Tribromophenol	15.685	330	476080	178.417	ng	0.00
45) 2-Fluorobiphenyl	12.794	172	986190	113.553	ng	0.00
79) Terphenyl-d14	19.504	244	2159748	126.986	ng	0.00
Target Compounds						
32) Benzoic acid	10.062	122	19	6.841	ng	Qvalue 95

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

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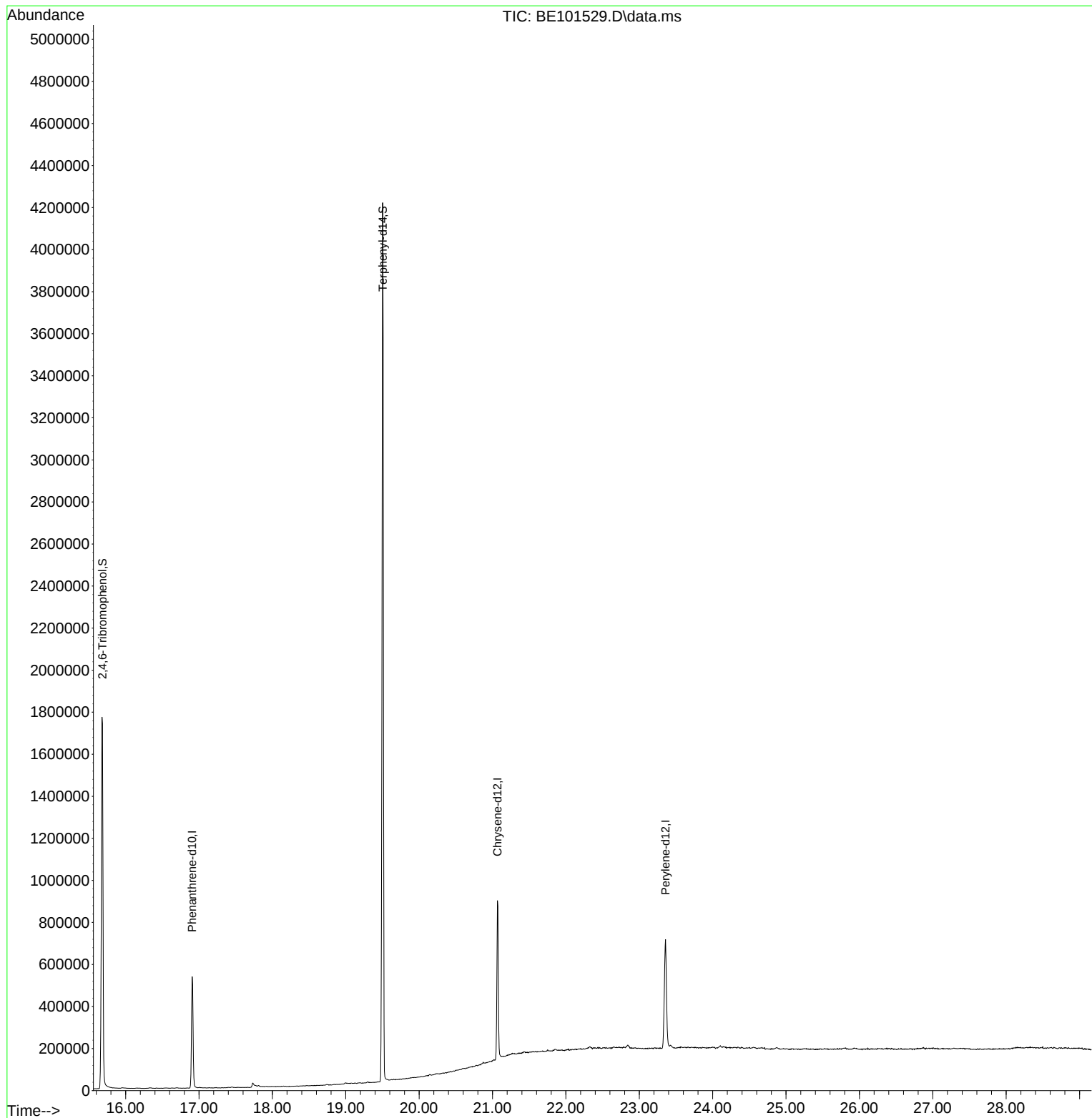
Quant Time: Nov 07 13:35:45 2024
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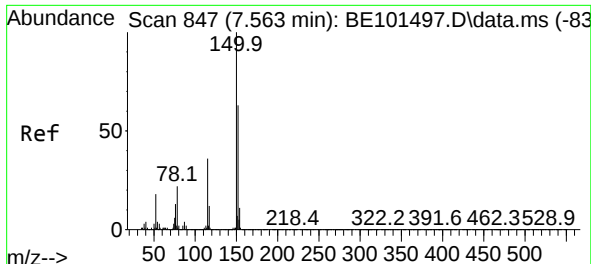


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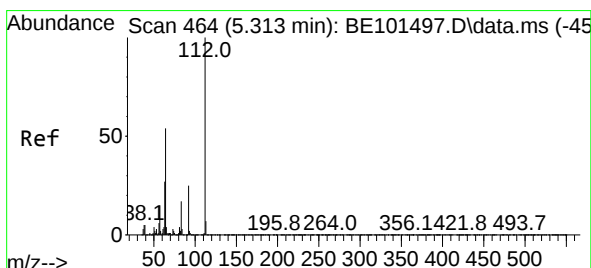
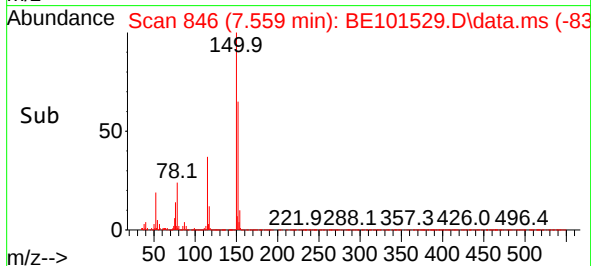
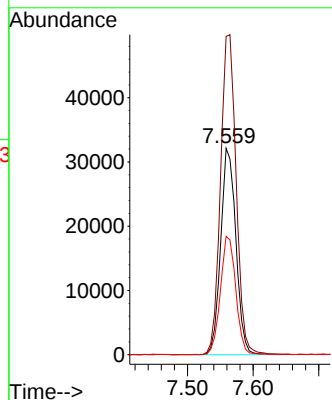
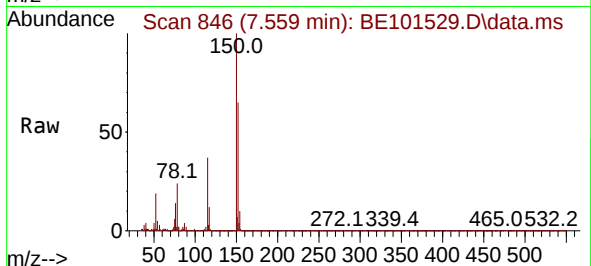




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.559 min Scan# 84
Delta R.T. -0.004 min
Lab File: BE101529.D
Acq: 7 Nov 2024 13:55

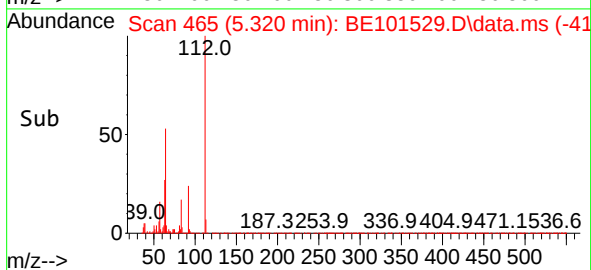
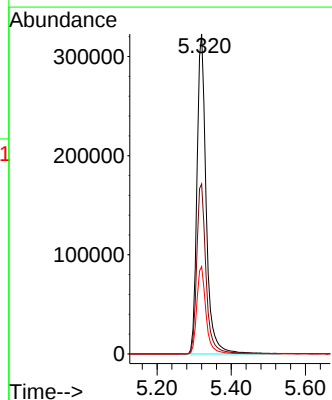
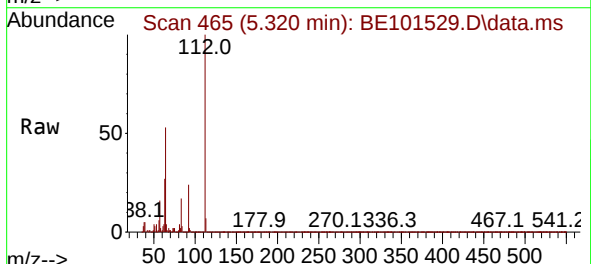
Instrument :
BNA_E
ClientSampleId :
BP-F-10

Tgt Ion:152 Resp: 51607
Ion Ratio Lower Upper
152 100
150 154.2 126.3 189.5
115 57.3 45.0 67.4



#5
2-Fluorophenol
Concen: 191.240 ng
RT: 5.320 min Scan# 465
Delta R.T. 0.007 min
Lab File: BE101529.D
Acq: 7 Nov 2024 13:55

Tgt Ion:112 Resp: 558163
Ion Ratio Lower Upper
112 100
64 53.2 43.2 64.8
63 27.3 21.8 32.6





#7

Phenol-d6

Concen: 168.385 ng

RT: 6.948 min Scan# 742

Delta R.T. 0.001 min

Lab File: BE101529.D

Acq: 7 Nov 2024 13:55

Instrument :

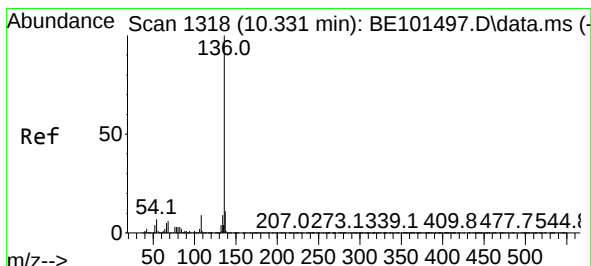
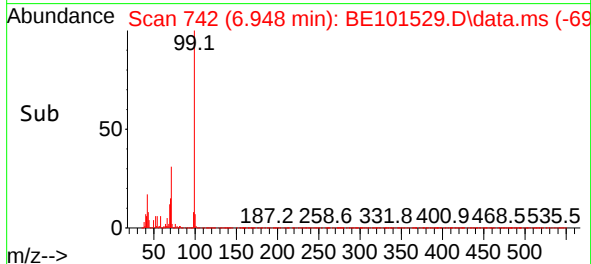
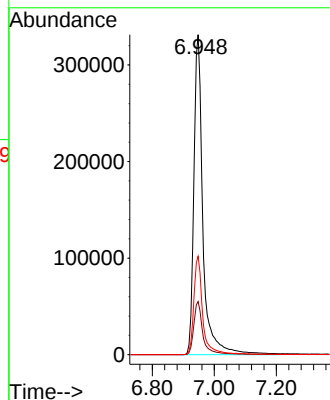
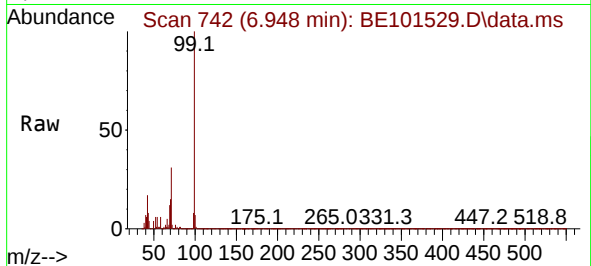
BNA_E

ClientSampleId :

BP-F-10

Tgt Ion: 99 Resp: 673828

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.5	18.7
71	30.8	24.2	36.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.332 min Scan# 1318

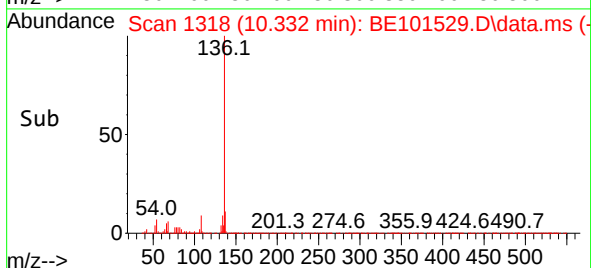
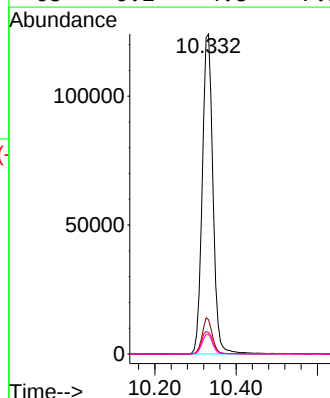
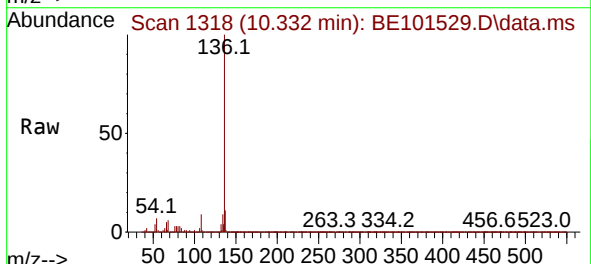
Delta R.T. 0.001 min

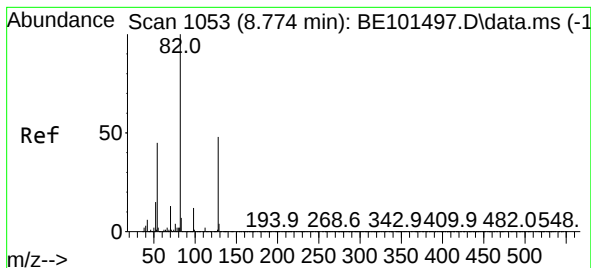
Lab File: BE101529.D

Acq: 7 Nov 2024 13:55

Tgt Ion: 136 Resp: 226530

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	6.8	5.6	8.4
68	6.2	4.8	7.2





#23

Nitrobenzene-d5

Concen: 118.170 ng

RT: 8.775 min Scan# 1053

Delta R.T. 0.001 min

Lab File: BE101529.D

Acq: 7 Nov 2024 13:55

Instrument :

BNA_E

ClientSampleId :

BP-F-10

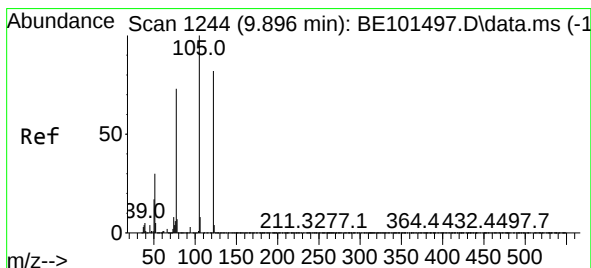
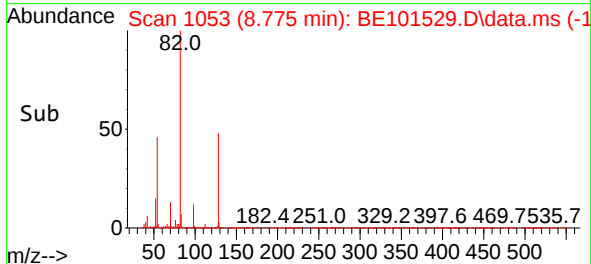
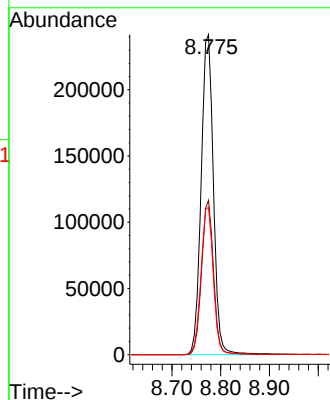
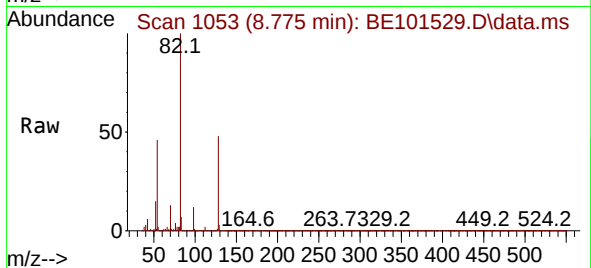
Tgt Ion: 82 Resp: 423797

Ion Ratio Lower Upper

82 100

128 48.3 38.6 58.0

54 46.0 36.3 54.5



#32

Benzoic acid

Concen: 6.841 ng

RT: 10.062 min Scan# 1272

Delta R.T. 0.166 min

Lab File: BE101529.D

Acq: 7 Nov 2024 13:55

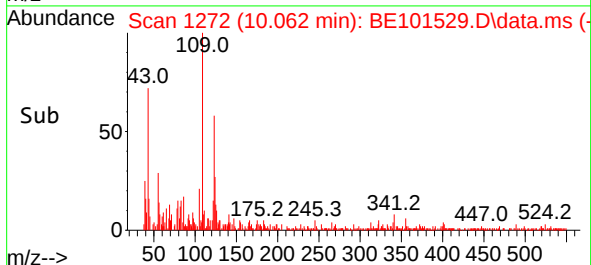
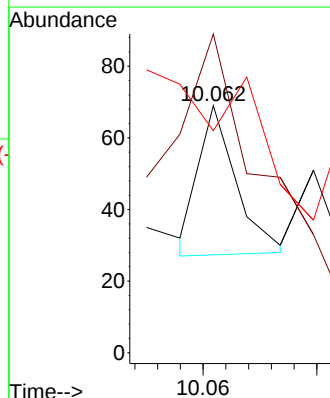
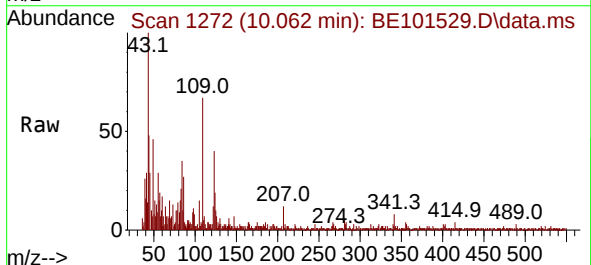
Tgt Ion: 122 Resp: 19

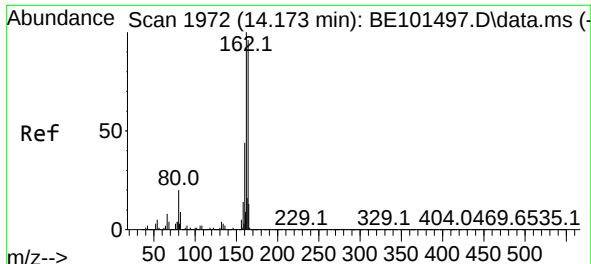
Ion Ratio Lower Upper

122 100

105 129.0 100.6 140.6

77 89.9 68.6 108.6

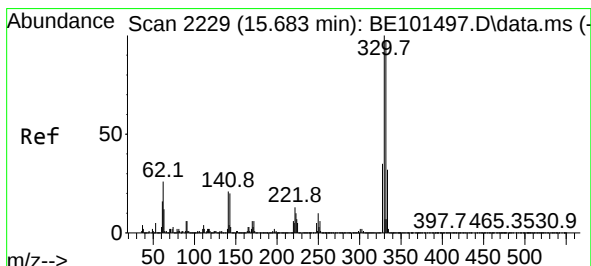
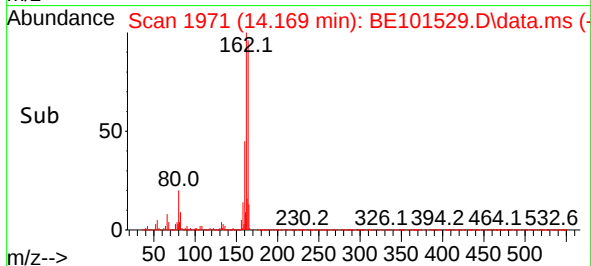
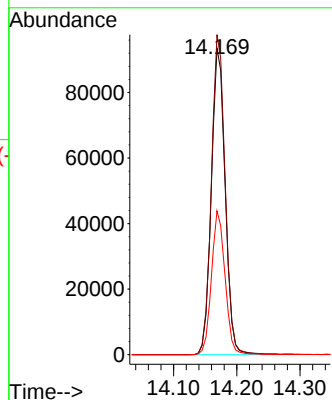
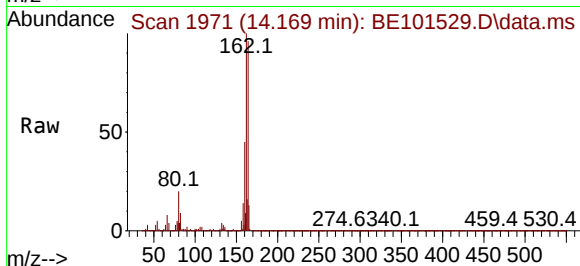




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.169 min Scan# 1972
Delta R.T. -0.004 min
Lab File: BE101529.D
Acq: 7 Nov 2024 13:55

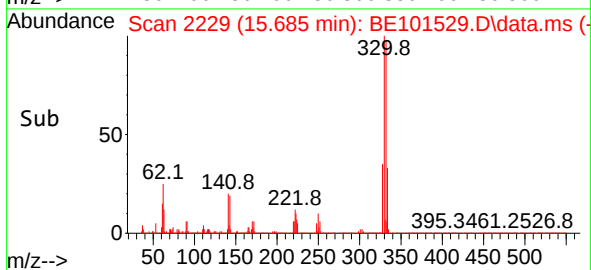
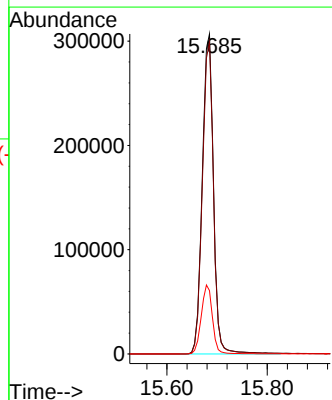
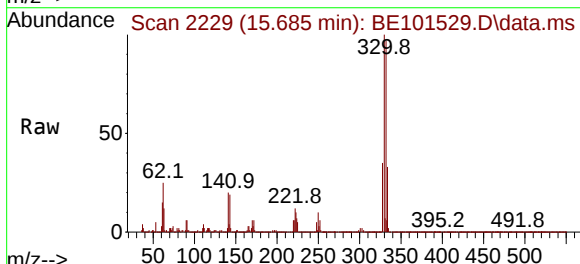
Instrument :
BNA_E
ClientSampleId :
BP-F-10

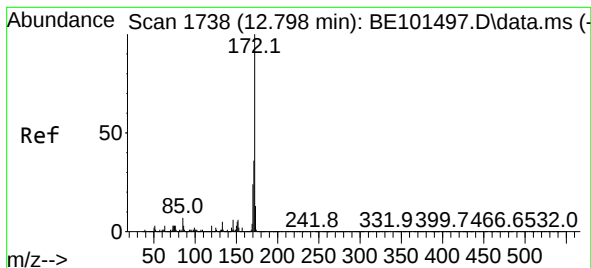
Tgt Ion:164 Resp: 141806
Ion Ratio Lower Upper
164 100
162 104.4 83.7 125.5
160 46.9 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 178.417 ng
RT: 15.685 min Scan# 2229
Delta R.T. 0.001 min
Lab File: BE101529.D
Acq: 7 Nov 2024 13:55

Tgt Ion:330 Resp: 476080
Ion Ratio Lower Upper
330 100
332 96.9 77.7 116.5
141 21.3 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 113.553 ng

RT: 12.794 min Scan# 1

Delta R.T. -0.004 min

Lab File: BE101529.D

Acq: 7 Nov 2024 13:55

Instrument :

BNA_E

ClientSampleId :

BP-F-10

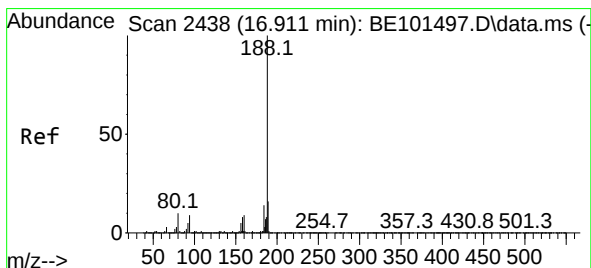
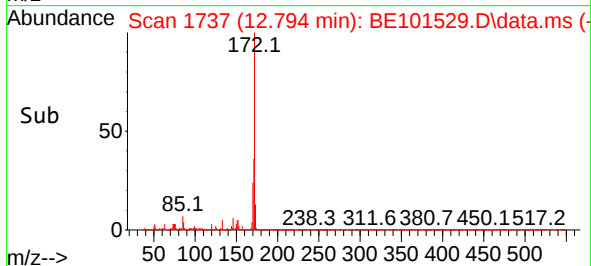
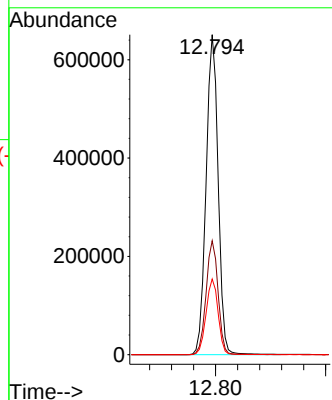
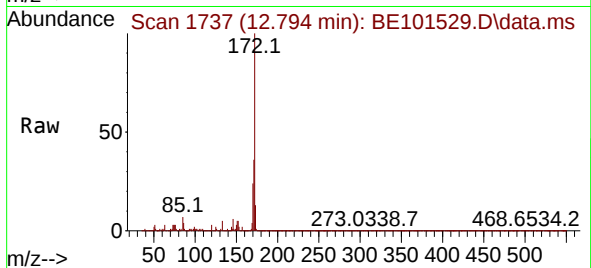
Tgt Ion:172 Resp: 986190

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.7 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.907 min Scan# 2437

Delta R.T. -0.004 min

Lab File: BE101529.D

Acq: 7 Nov 2024 13:55

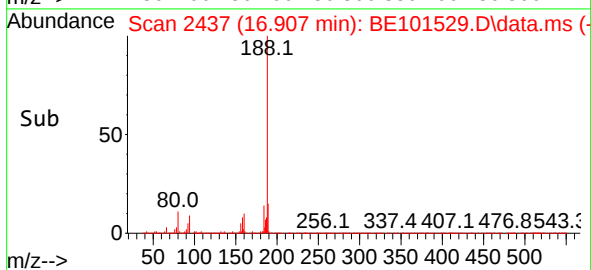
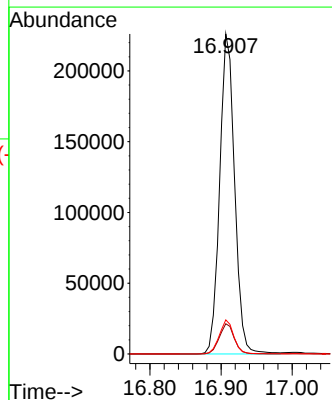
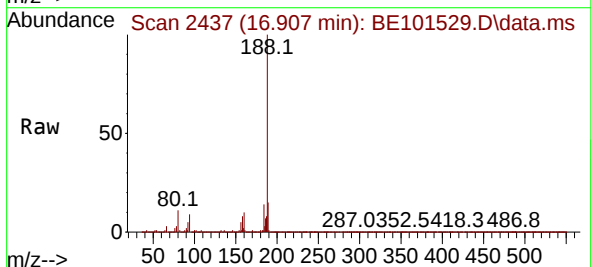
Tgt Ion:188 Resp: 328797

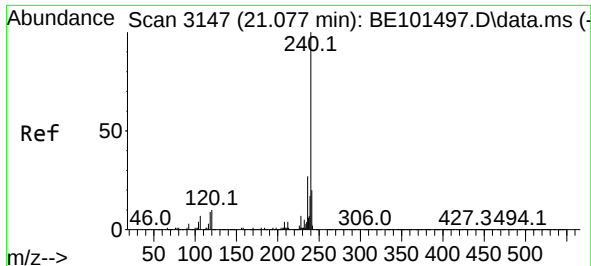
Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.7 8.0 12.0

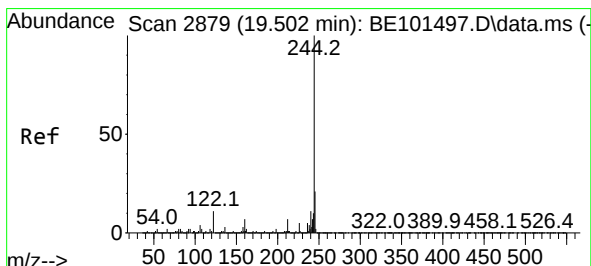
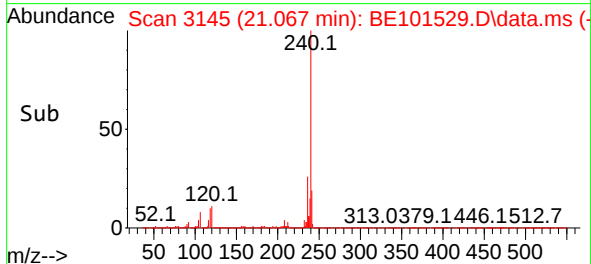
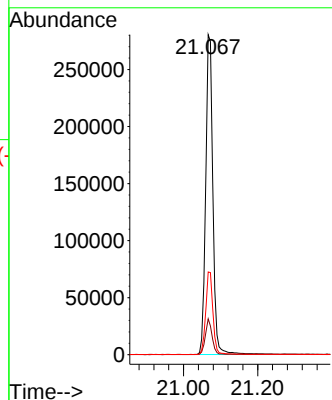
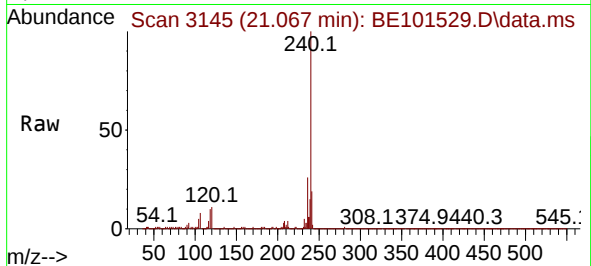




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.067 min Scan# 3147
Delta R.T. -0.010 min
Lab File: BE101529.D
Acq: 7 Nov 2024 13:55

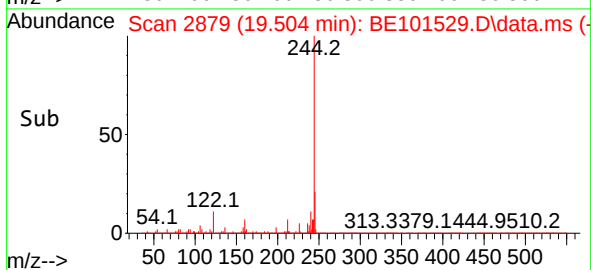
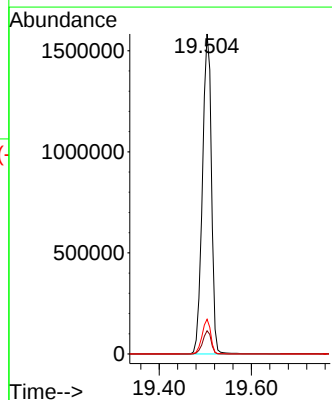
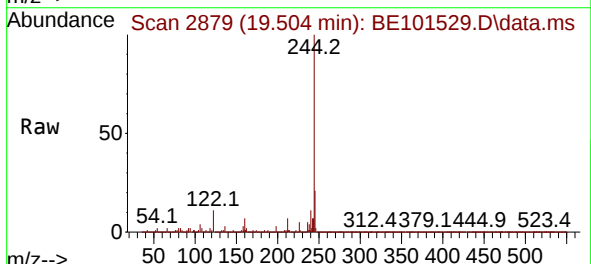
Instrument :
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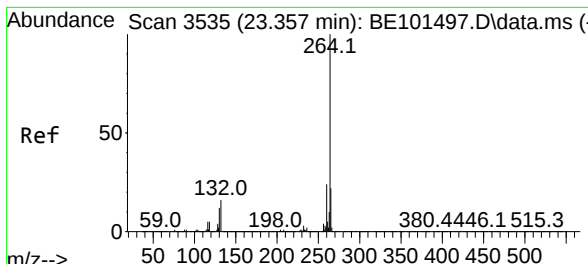
Tgt Ion:240 Resp: 376478
Ion Ratio Lower Upper
240 100
120 11.2 8.2 12.4
236 25.9 21.4 32.2



#79
Terphenyl-d14
Concen: 126.986 ng
RT: 19.504 min Scan# 2879
Delta R.T. 0.001 min
Lab File: BE101529.D
Acq: 7 Nov 2024 13:55

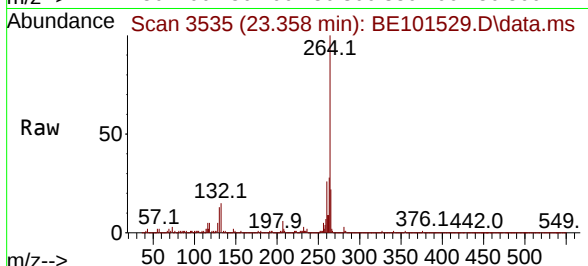
Tgt Ion:244 Resp: 2159748
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.9 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.358 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: BE101529.D
 Acq: 7 Nov 2024 13:55

Instrument :
 BNA_E
 ClientSampleId :
 BP-F-10



Tgt Ion:264 Resp: 358570

Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.4	29.2
265	22.0	17.4	26.2

