

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
 Data File : BE101547.D
 Acq On : 8 Nov 2024 12:03
 Operator : RC/JU
 Sample : PB164694TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164694TB

Quant Time: Nov 08 11:53:21 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)

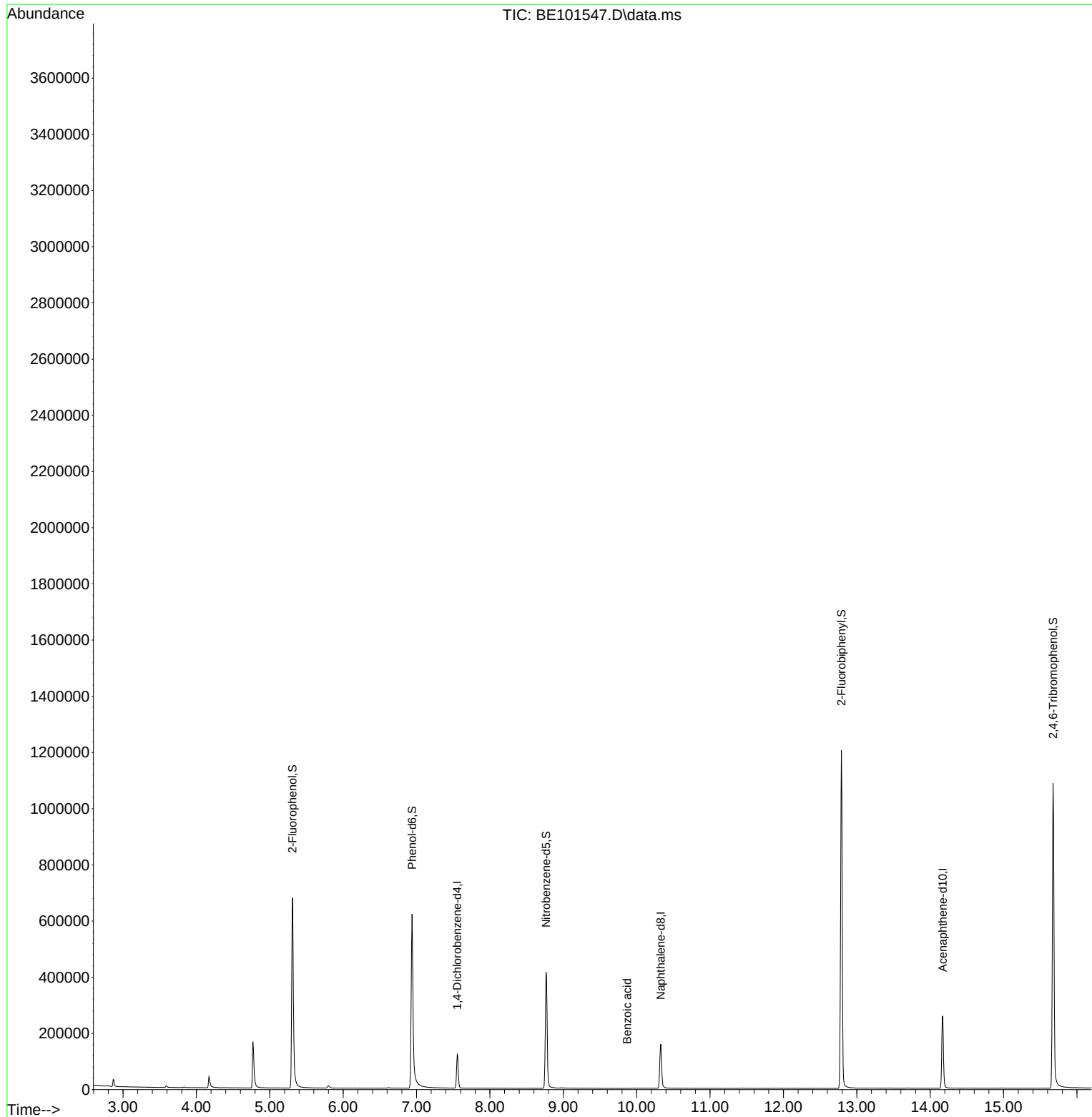
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	34932	20.000	ng	0.00
21) Naphthalene-d8	10.329	136	149600	20.000	ng	0.00
39) Acenaphthene-d10	14.171	164	99908	20.000	ng	0.00
64) Phenanthrene-d10	16.909	188	241198	20.000	ng	0.00
76) Chrysene-d12	21.069	240	324971	20.000	ng	0.00
86) Perylene-d12	23.349	264	414995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	349576	176.947	ng	0.00
7) Phenol-d6	6.938	99	450678	166.382	ng	0.00
23) Nitrobenzene-d5	8.766	82	261263	110.312	ng	0.00
42) 2,4,6-Tribromophenol	15.675	330	294216	156.501	ng	0.00
45) 2-Fluorobiphenyl	12.790	172	671226	109.699	ng	0.00
79) Terphenyl-d14	19.500	244	1639777	111.695	ng	0.00
Target Compounds						
32) Benzoic acid	9.870	122	5	6.837	ng	93

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

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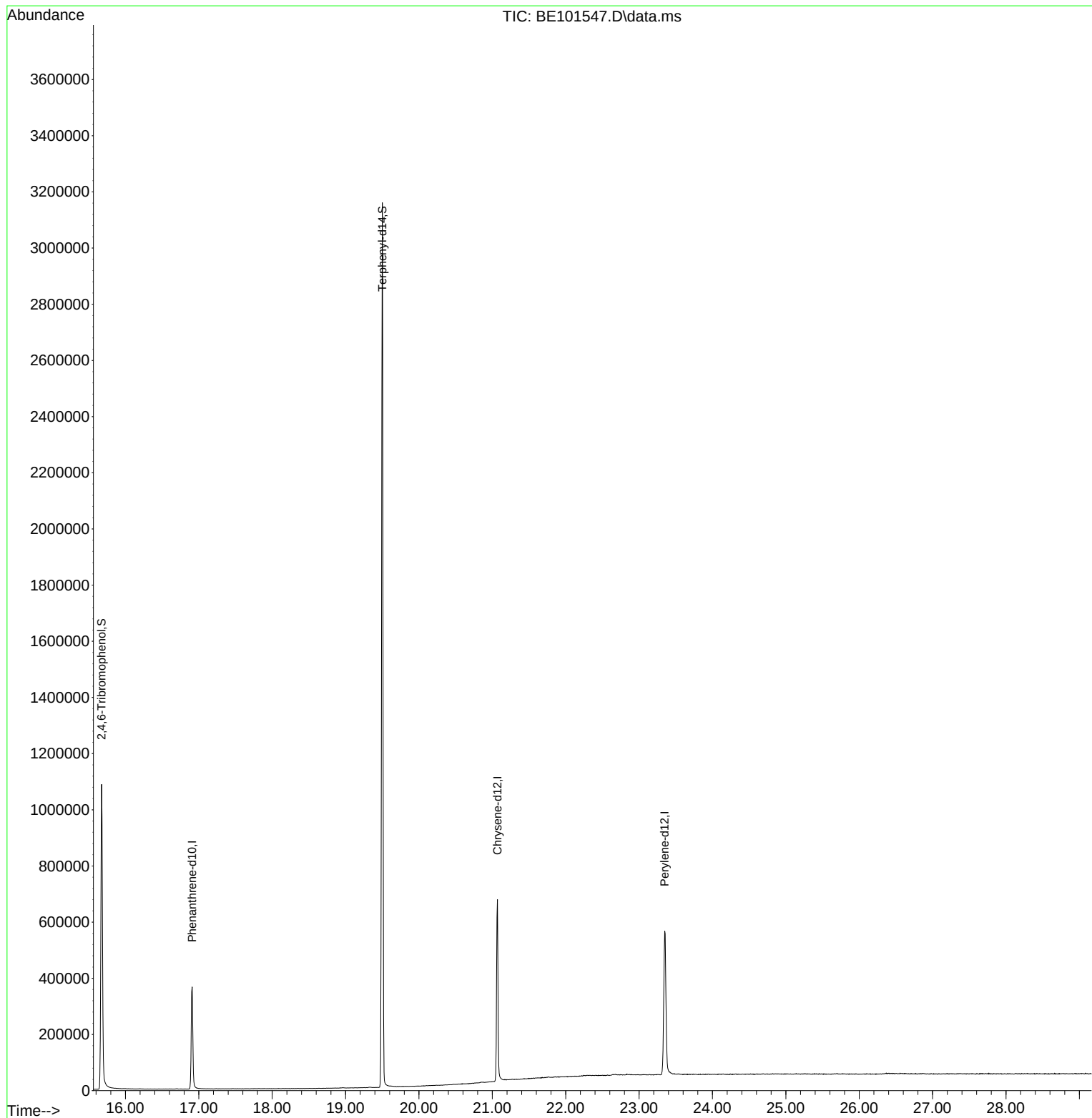
Quant Time: Nov 08 11:53:21 2024
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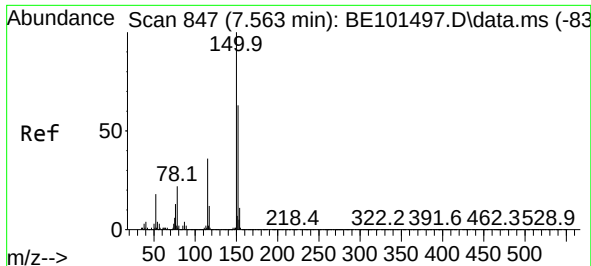


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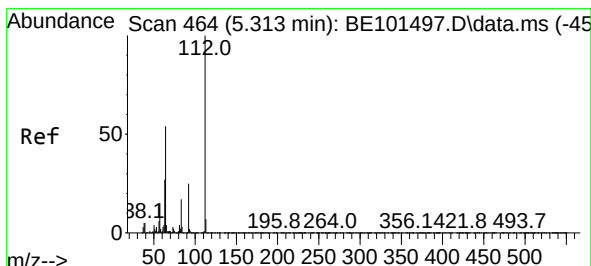
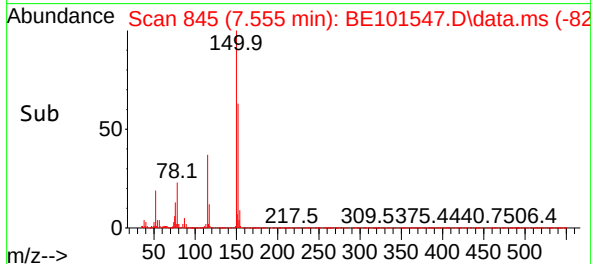
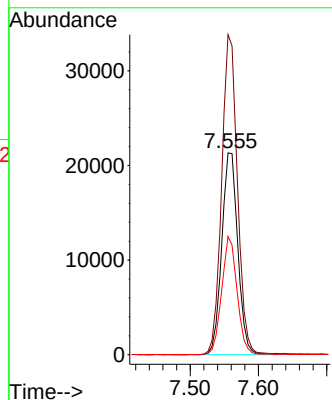
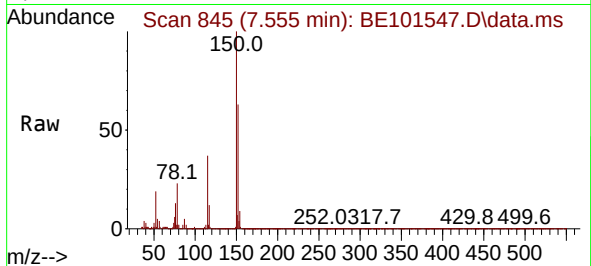




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.555 min Scan# 84
Delta R.T. -0.008 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

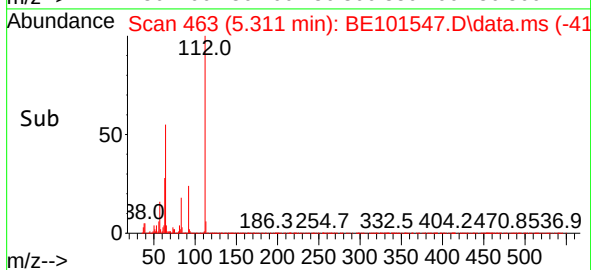
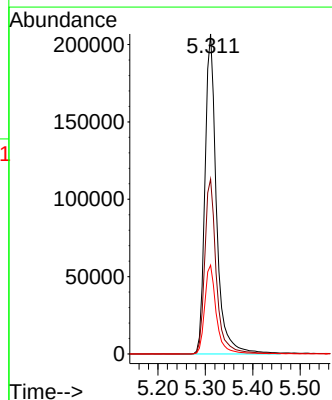
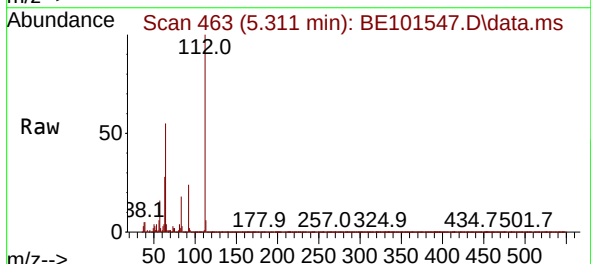
Instrument :
BNA_E
ClientSampleId :
PB164694TB

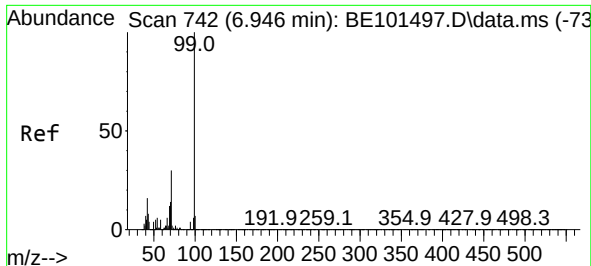
Tgt Ion:152 Resp: 34932
Ion Ratio Lower Upper
152 100
150 158.6 126.3 189.5
115 58.5 45.0 67.4



#5
2-Fluorophenol
Concen: 176.947 ng
RT: 5.311 min Scan# 463
Delta R.T. -0.002 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

Tgt Ion:112 Resp: 349576
Ion Ratio Lower Upper
112 100
64 54.7 43.2 64.8
63 27.8 21.8 32.6

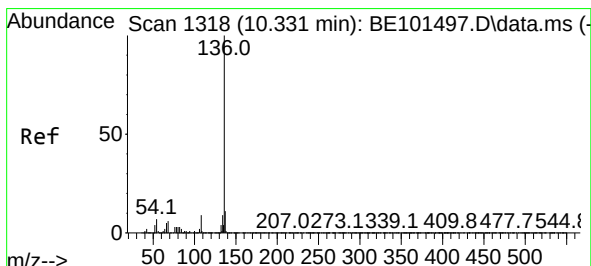
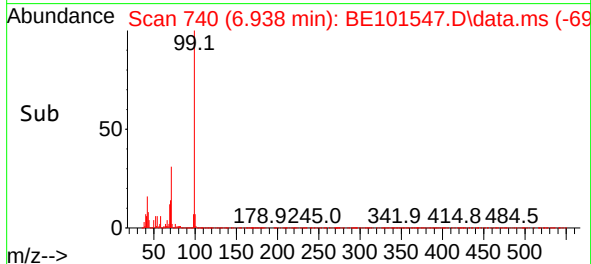
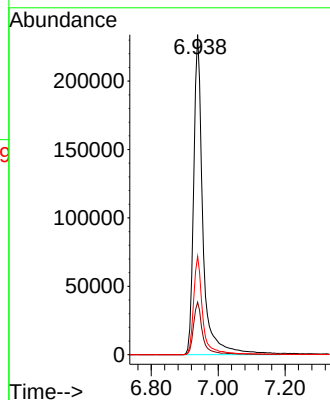
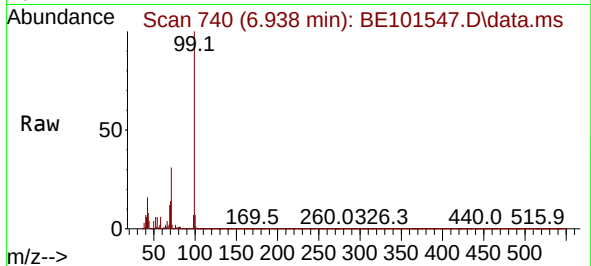




#7
Phenol-d6
Concen: 166.382 ng
RT: 6.938 min Scan# 741
Delta R.T. -0.008 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

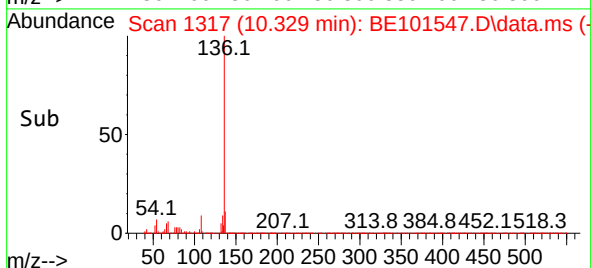
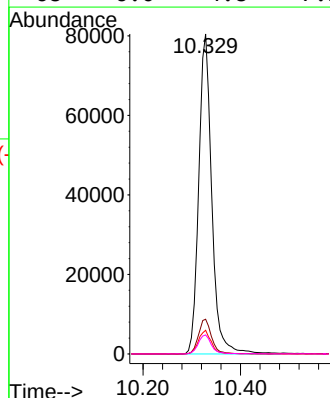
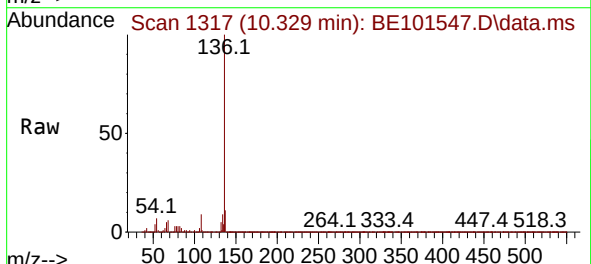
Instrument :
BNA_E
ClientSampleId :
PB164694TB

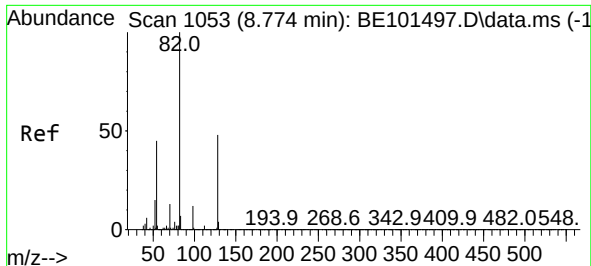
Tgt Ion: 99 Resp: 450678
Ion Ratio Lower Upper
99 100
42 16.4 12.5 18.7
71 30.7 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.329 min Scan# 1317
Delta R.T. -0.002 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

Tgt Ion: 136 Resp: 149600
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.4 5.6 8.4
68 6.0 4.8 7.2

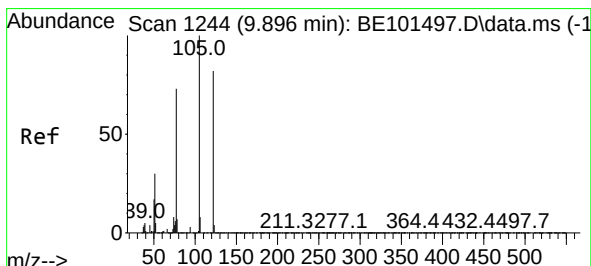
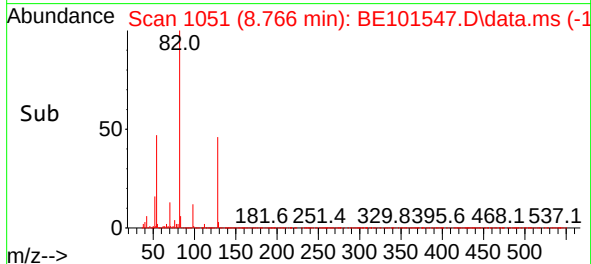
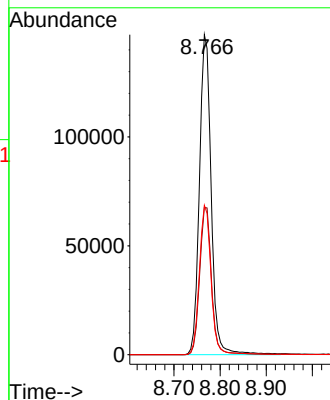
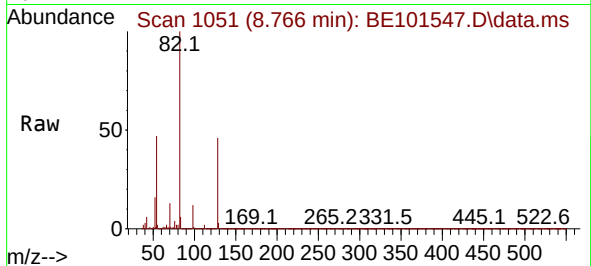




#23
Nitrobenzene-d5
Concen: 110.312 ng
RT: 8.766 min Scan# 1051
Delta R.T. -0.008 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

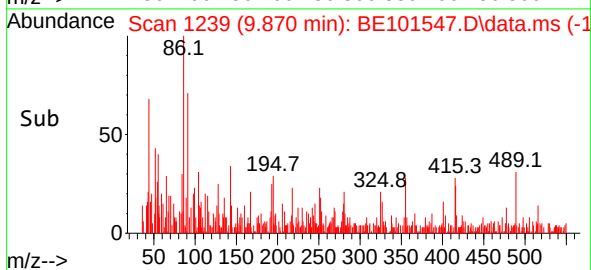
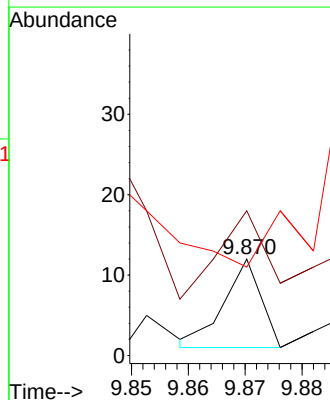
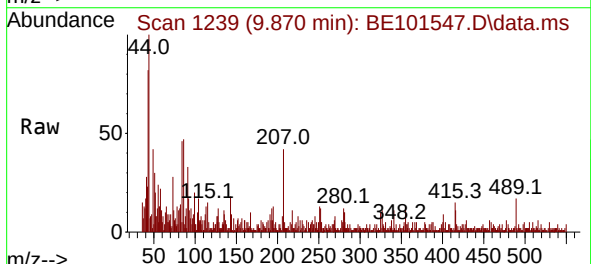
Instrument :
BNA_E
ClientSampleId :
PB164694TB

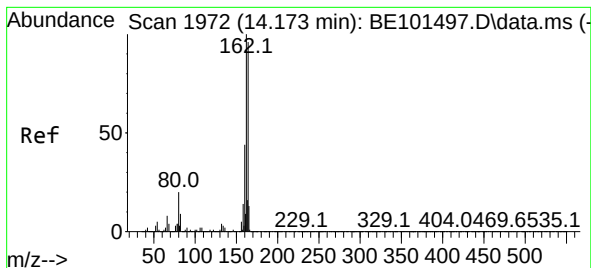
Tgt Ion: 82 Resp: 261263
Ion Ratio Lower Upper
82 100
128 46.0 38.6 58.0
54 46.7 36.3 54.5



#32
Benzoic acid
Concen: 6.837 ng
RT: 9.870 min Scan# 1239
Delta R.T. -0.026 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

Tgt Ion: 122 Resp: 5
Ion Ratio Lower Upper
122 100
105 120.0 100.6 140.6
77 73.3 68.6 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.171 min Scan# 1972

Delta R.T. -0.002 min

Lab File: BE101547.D

Acq: 8 Nov 2024 12:03

Instrument :

BNA_E

ClientSampleId :

PB164694TB

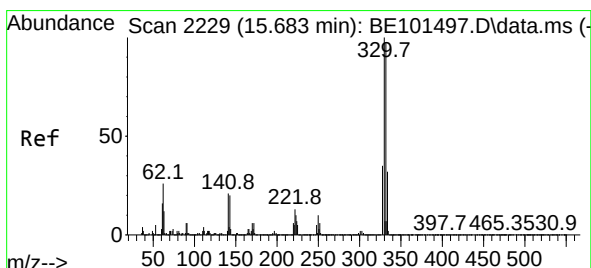
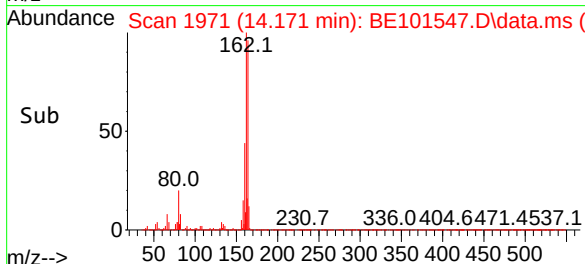
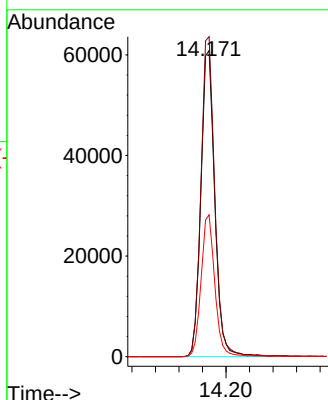
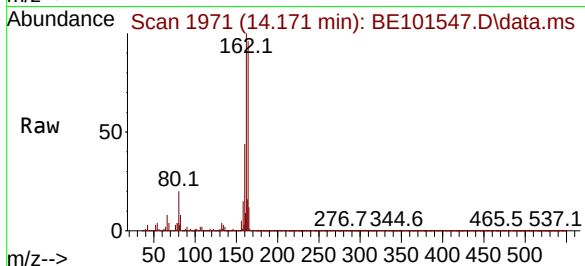
Tgt Ion:164 Resp: 99908

Ion Ratio Lower Upper

164 100

162 104.5 83.7 125.5

160 46.4 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 156.501 ng

RT: 15.675 min Scan# 2227

Delta R.T. -0.008 min

Lab File: BE101547.D

Acq: 8 Nov 2024 12:03

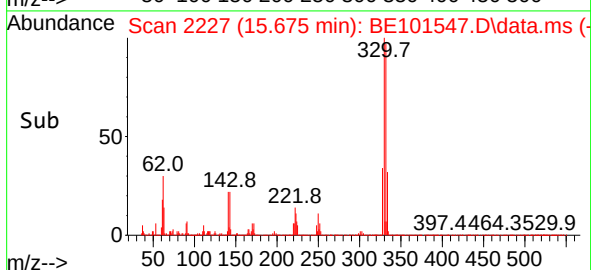
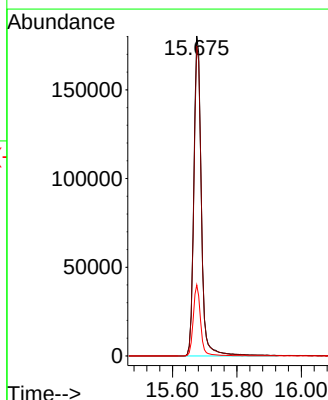
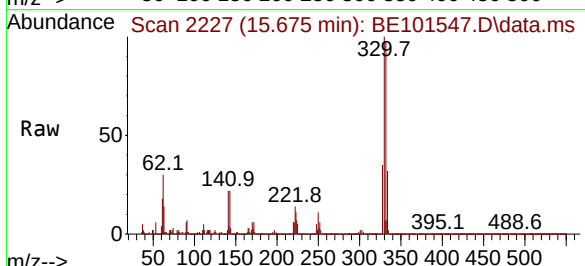
Tgt Ion:330 Resp: 294216

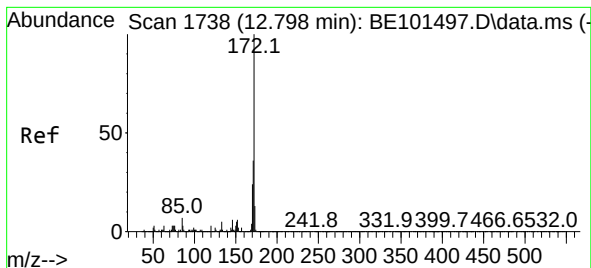
Ion Ratio Lower Upper

330 100

332 97.3 77.7 116.5

141 21.6 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 109.699 ng

RT: 12.790 min Scan# 1

Delta R.T. -0.008 min

Lab File: BE101547.D

Acq: 8 Nov 2024 12:03

Instrument :

BNA_E

ClientSampleId :

PB164694TB

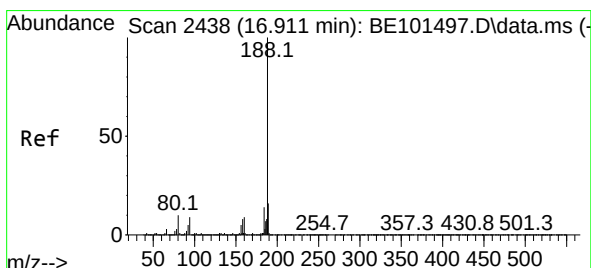
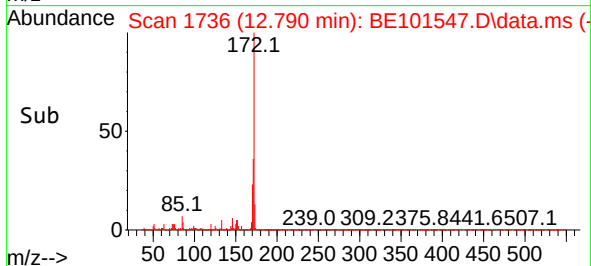
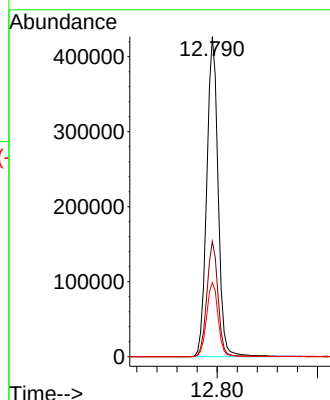
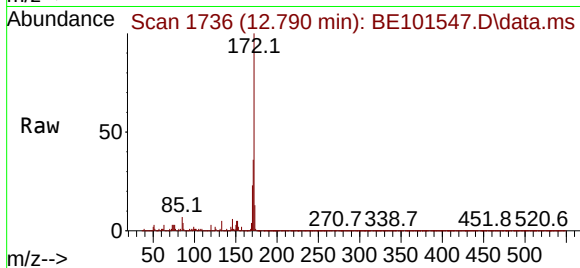
Tgt Ion:172 Resp: 671226

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 23.2 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.909 min Scan# 2437

Delta R.T. -0.002 min

Lab File: BE101547.D

Acq: 8 Nov 2024 12:03

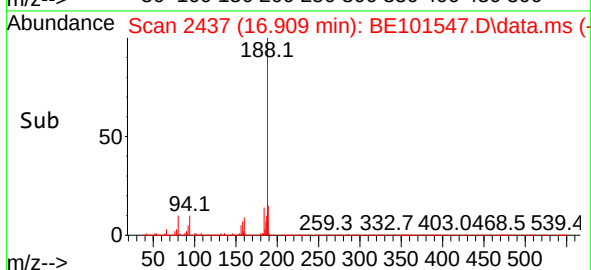
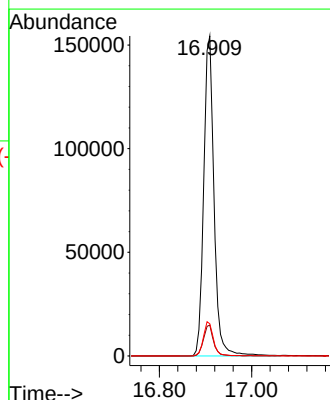
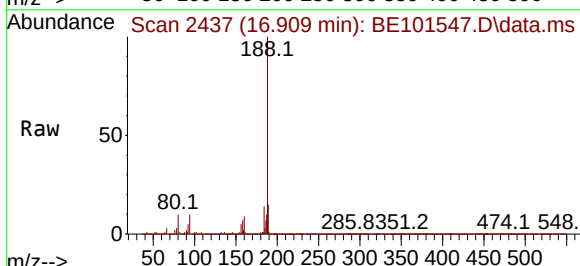
Tgt Ion:188 Resp: 241198

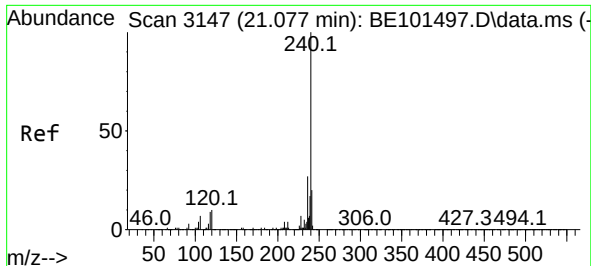
Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.2

80 10.1 8.0 12.0

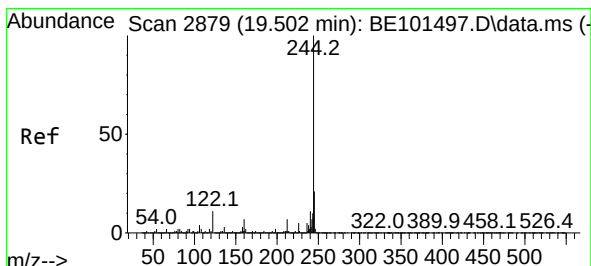
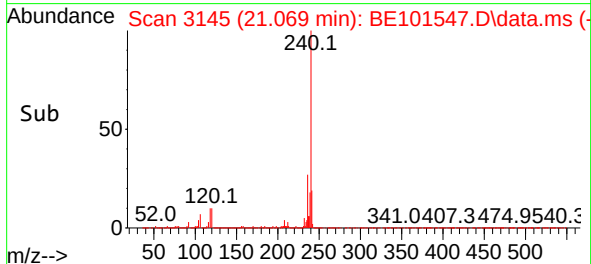
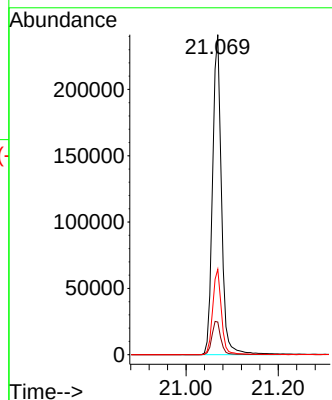
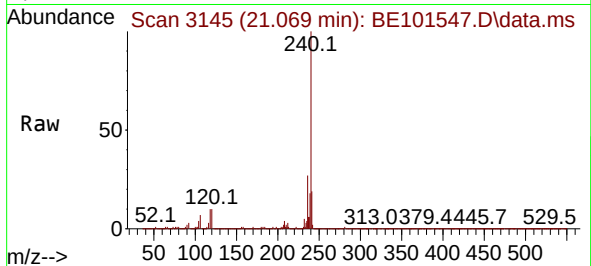




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.069 min Scan# 3147
Delta R.T. -0.008 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

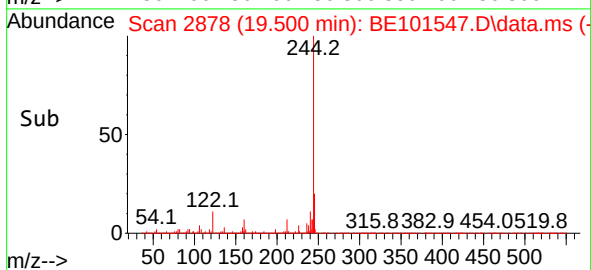
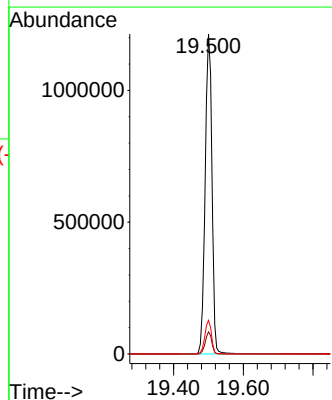
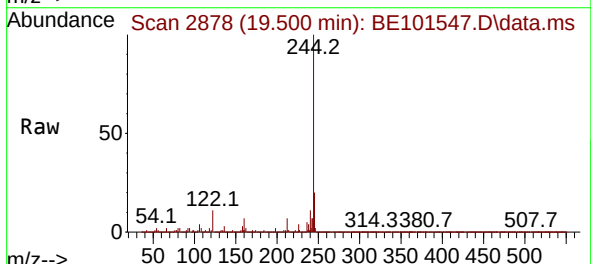
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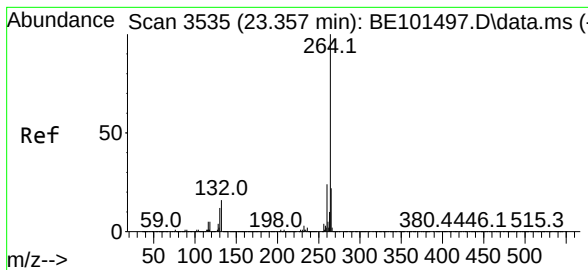
Tgt Ion:240 Resp: 324971
Ion Ratio Lower Upper
240 100
120 10.2 8.2 12.4
236 26.7 21.4 32.2



#79
Terphenyl-d14
Concen: 111.695 ng
RT: 19.500 min Scan# 2878
Delta R.T. -0.002 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

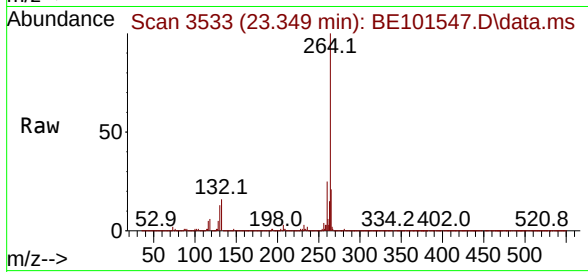
Tgt Ion:244 Resp: 1639777
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 10.5 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.349 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BE101547.D
 Acq: 8 Nov 2024 12:03

Instrument :
 BNA_E
 ClientSampleId :
 PB164694TB



Tgt Ion:264 Resp: 414995

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.4	17.4	26.2

