

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110724\
 Data File : BE101541.D
 Acq On : 7 Nov 2024 21:02
 Operator : RC/JU
 Sample : P4695-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 Z-01

Quant Time: Nov 07 23:59:53 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)

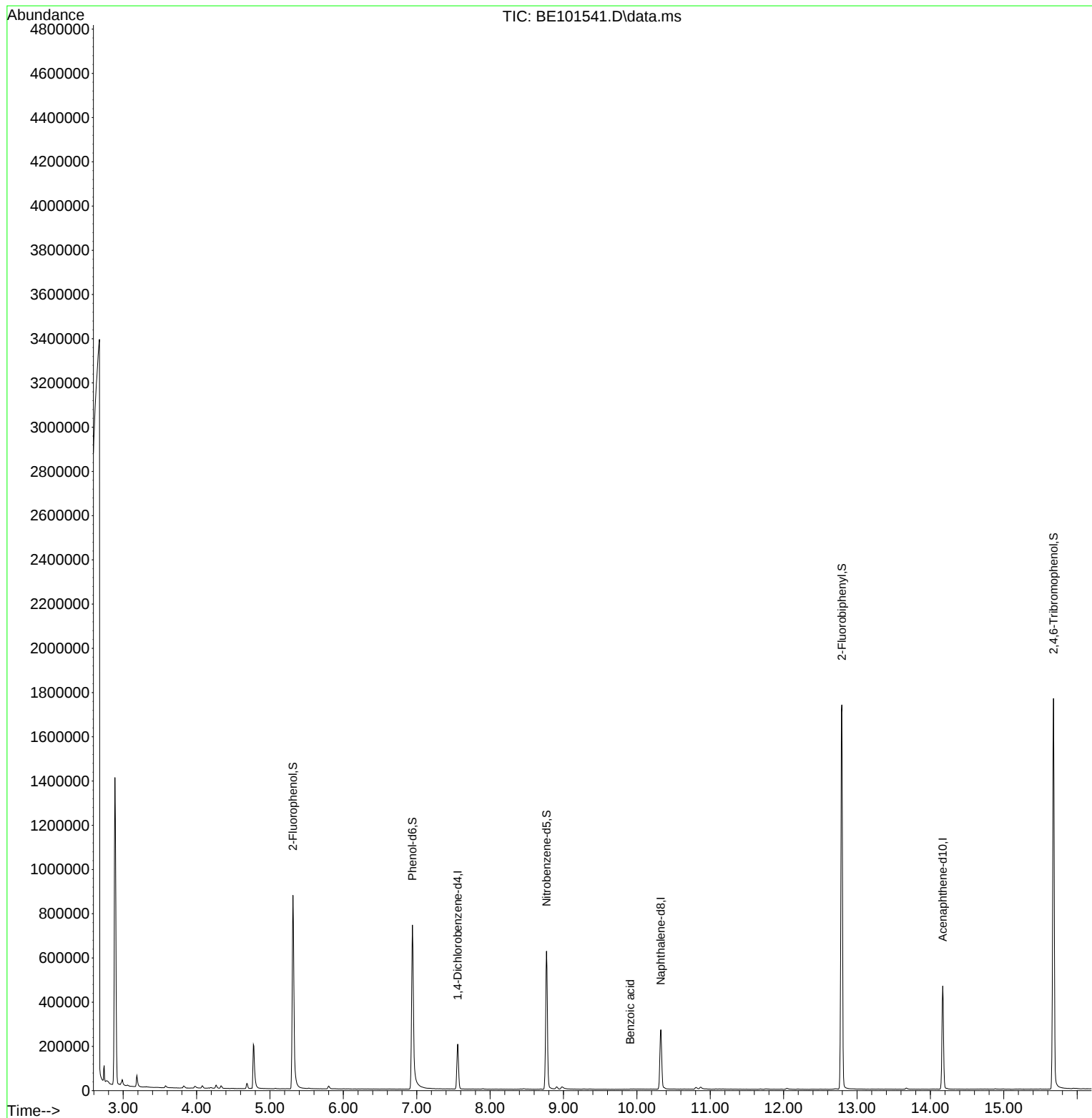
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	56972	20.000	ng	0.00
21) Naphthalene-d8	10.326	136	247568	20.000	ng	0.00
39) Acenaphthene-d10	14.169	164	167071	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	382642	20.000	ng	0.00
76) Chrysene-d12	21.066	240	436296	20.000	ng	-0.01
86) Perylene-d12	23.352	264	568971	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	456349	141.632	ng	0.00
7) Phenol-d6	6.942	99	549326	124.346	ng	0.00
23) Nitrobenzene-d5	8.769	82	373049	95.180	ng	0.00
42) 2,4,6-Tribromophenol	15.679	330	443691	141.133	ng	0.00
45) 2-Fluorobiphenyl	12.794	172	950510	92.894	ng	0.00
79) Terphenyl-d14	19.504	244	2131761	108.156	ng	0.00
Target Compounds						
32) Benzoic acid	9.909	122	24	6.843	ng	Qvalue # 26

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

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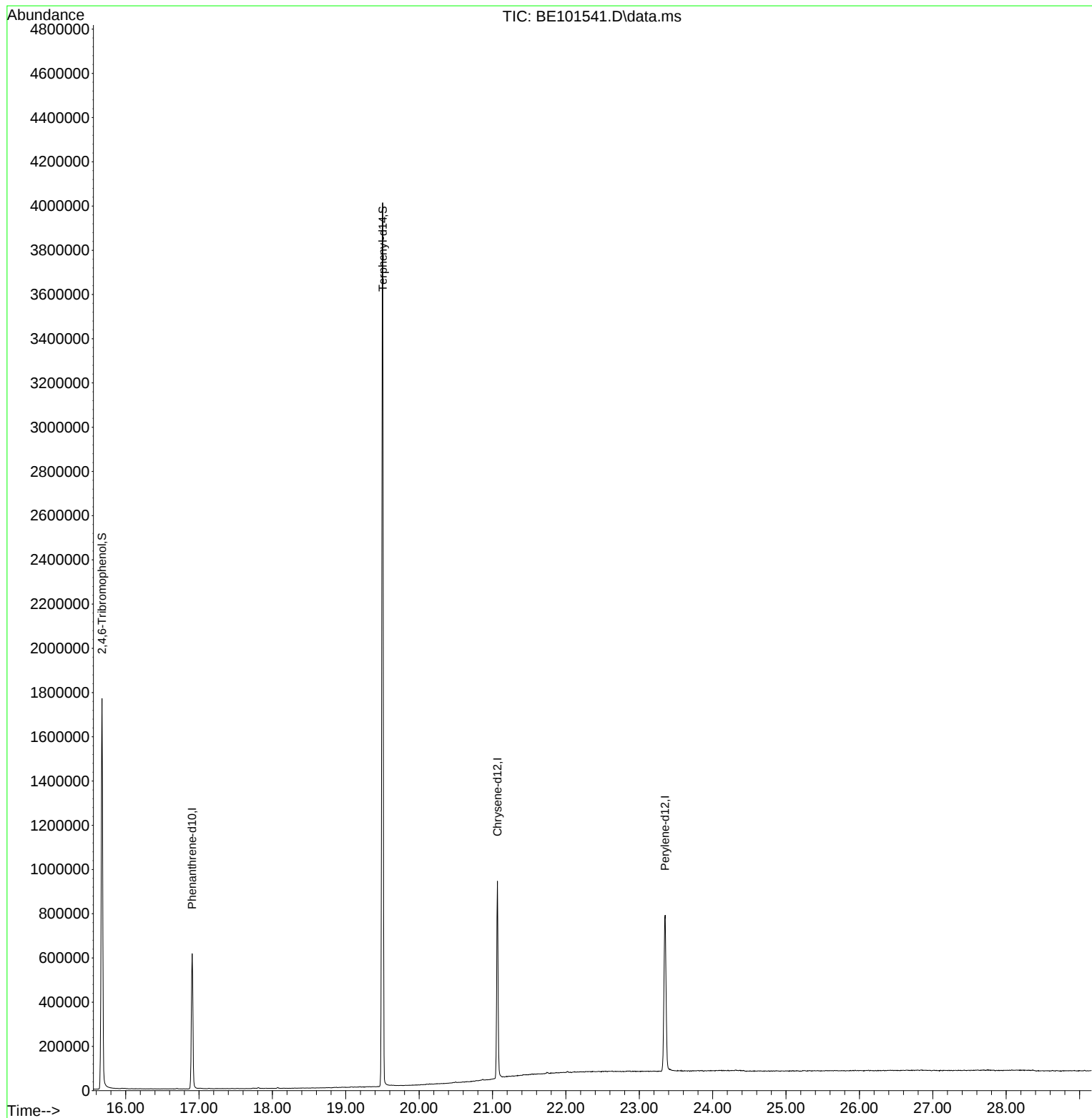
Quant Time: Nov 07 23:59:53 2024
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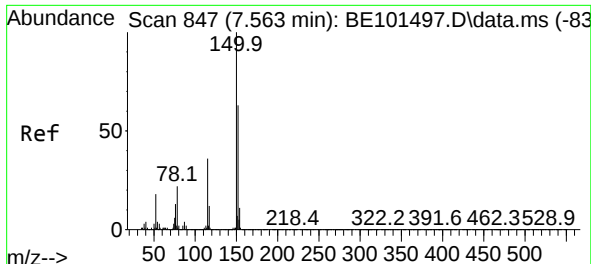


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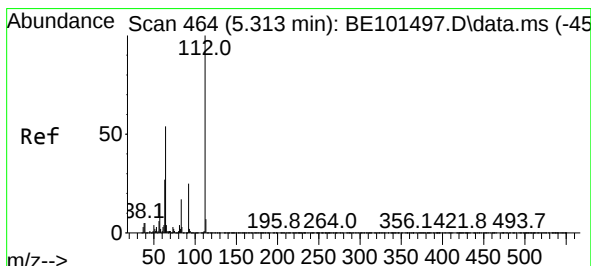
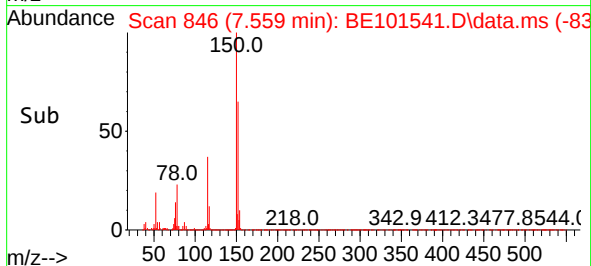
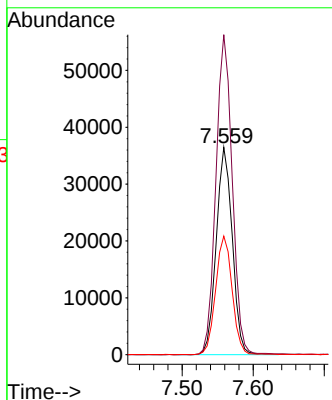
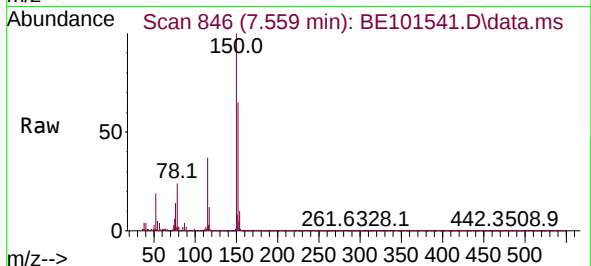




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.559 min Scan# 847
Delta R.T. -0.004 min
Lab File: BE101541.D
Acq: 7 Nov 2024 21:02

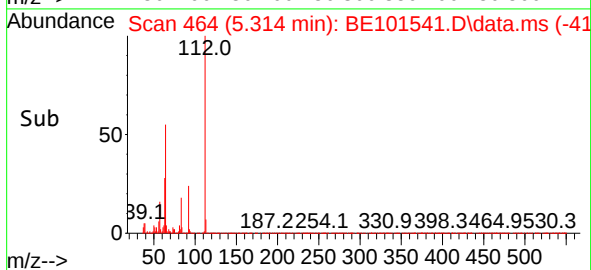
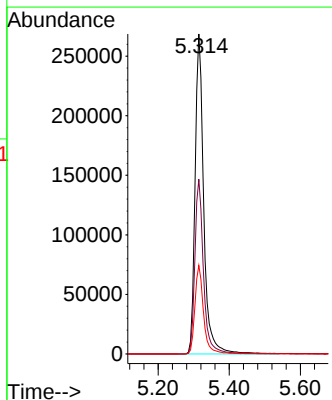
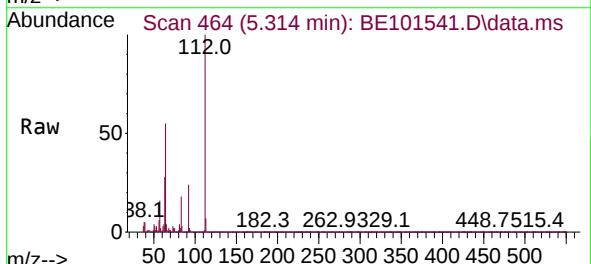
Instrument :
BNA_E
ClientSampleId :
Z-01

Tgt Ion:152 Resp: 56972
Ion Ratio Lower Upper
152 100
150 154.3 126.3 189.5
115 57.2 45.0 67.4



#5
2-Fluorophenol
Concen: 141.632 ng
RT: 5.314 min Scan# 464
Delta R.T. 0.001 min
Lab File: BE101541.D
Acq: 7 Nov 2024 21:02

Tgt Ion:112 Resp: 456349
Ion Ratio Lower Upper
112 100
64 54.6 43.2 64.8
63 27.6 21.8 32.6

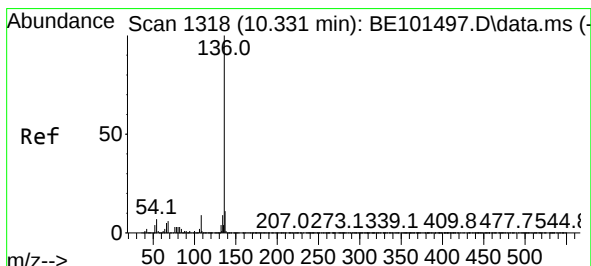
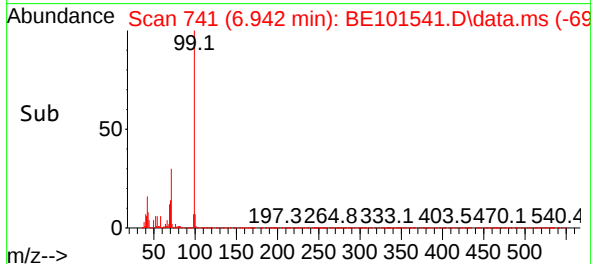
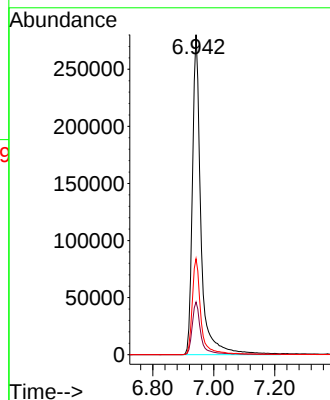
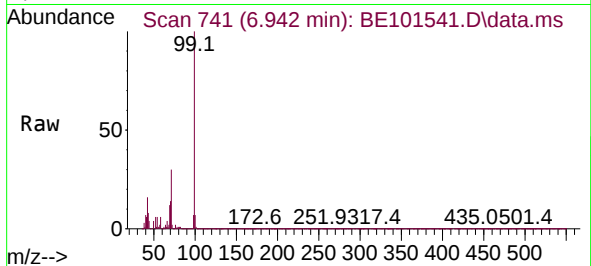




#7
Phenol-d6
Concen: 124.346 ng
RT: 6.942 min Scan# 741
Delta R.T. -0.005 min
Lab File: BE101541.D
Acq: 7 Nov 2024 21:02

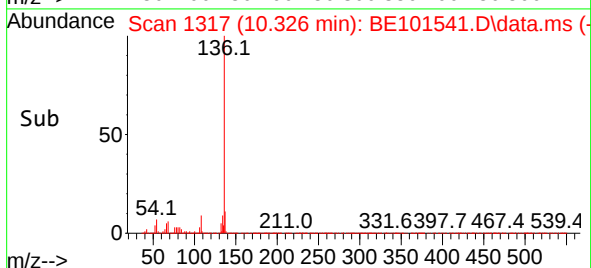
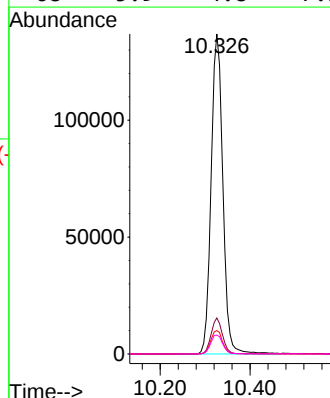
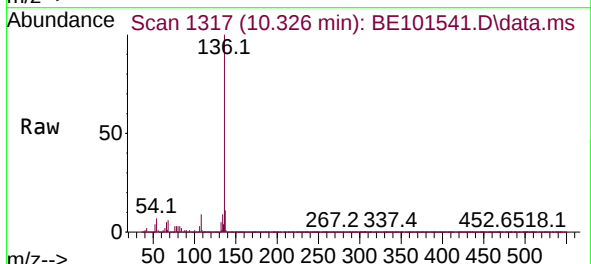
Instrument :
BNA_E
ClientSampleId :
Z-01

Tgt Ion: 99 Resp: 549326
Ion Ratio Lower Upper
99 100
42 16.5 12.5 18.7
71 30.0 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.326 min Scan# 1317
Delta R.T. -0.005 min
Lab File: BE101541.D
Acq: 7 Nov 2024 21:02

Tgt Ion: 136 Resp: 247568
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 7.3 5.6 8.4
68 5.9 4.8 7.2

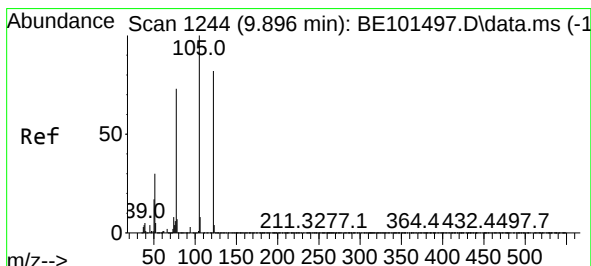
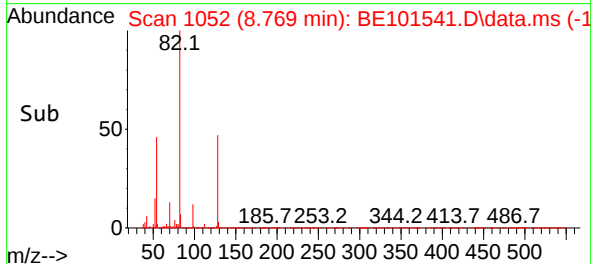
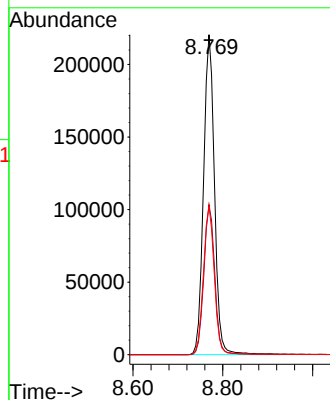
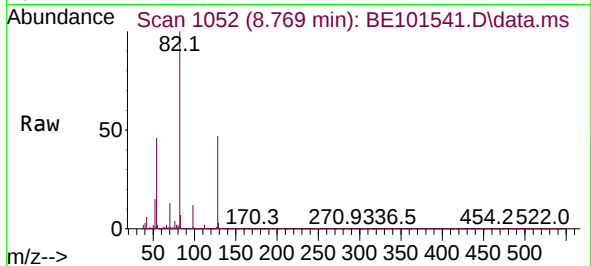




#23
Nitrobenzene-d5
Concen: 95.180 ng
RT: 8.769 min Scan# 1053
Delta R.T. -0.005 min
Lab File: BE101541.D
Acq: 7 Nov 2024 21:02

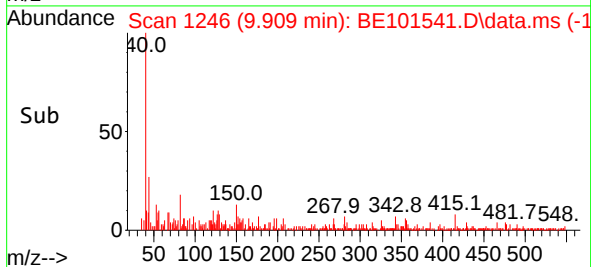
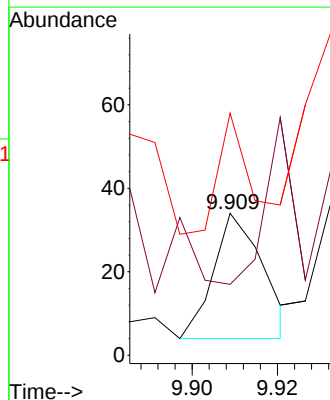
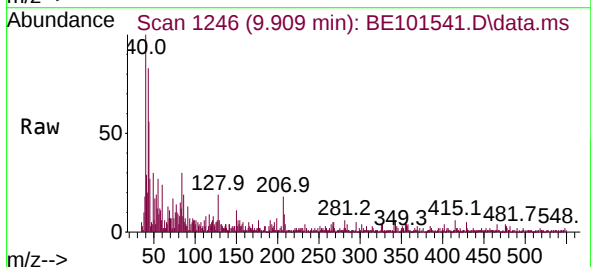
Instrument :
BNA_E
ClientSampleId :
Z-01

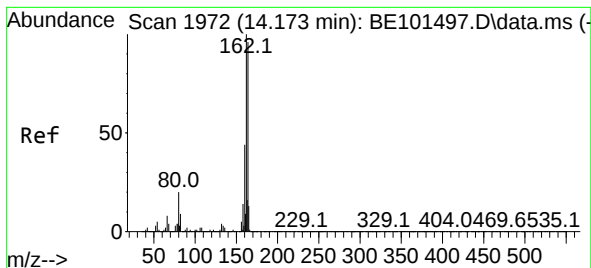
Tgt Ion: 82 Resp: 373049
Ion Ratio Lower Upper
82 100
128 46.9 38.6 58.0
54 46.4 36.3 54.5



#32
Benzoic acid
Concen: 6.843 ng
RT: 9.909 min Scan# 1246
Delta R.T. 0.013 min
Lab File: BE101541.D
Acq: 7 Nov 2024 21:02

Tgt Ion: 122 Resp: 24
Ion Ratio Lower Upper
122 100
105 50.0 100.6 140.6#
77 170.6 68.6 108.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.169 min Scan# 1972

Delta R.T. -0.005 min

Lab File: BE101541.D

Acq: 7 Nov 2024 21:02

Instrument :

BNA_E

ClientSampleId :

Z-01

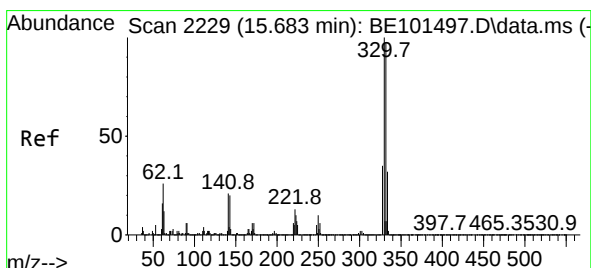
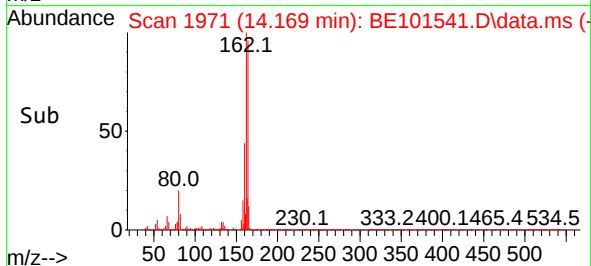
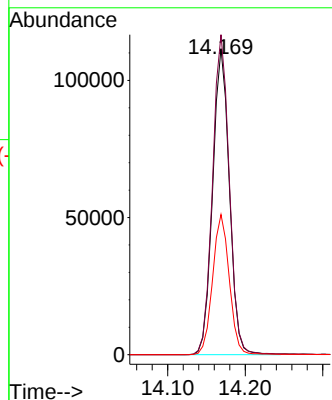
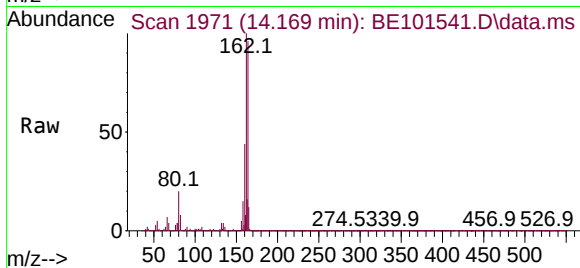
Tgt Ion:164 Resp: 167071

Ion Ratio Lower Upper

164 100

162 104.5 83.7 125.5

160 45.8 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 141.133 ng

RT: 15.679 min Scan# 2228

Delta R.T. -0.005 min

Lab File: BE101541.D

Acq: 7 Nov 2024 21:02

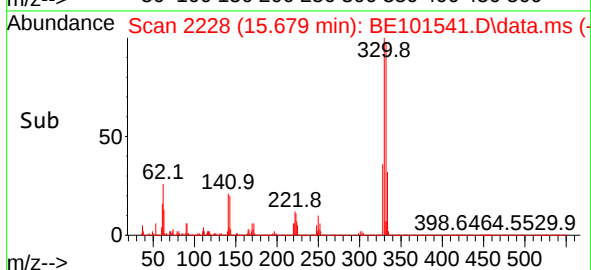
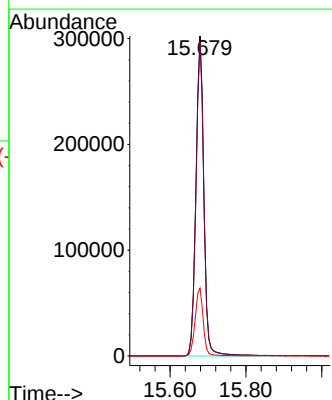
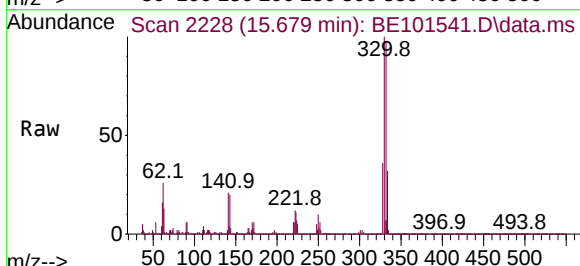
Tgt Ion:330 Resp: 443691

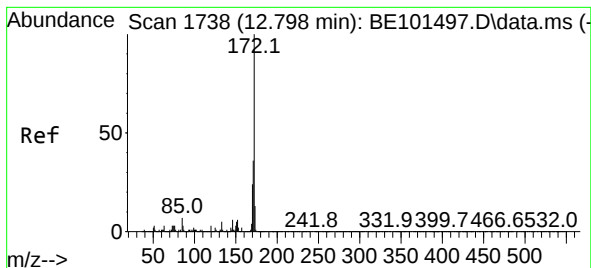
Ion Ratio Lower Upper

330 100

332 97.5 77.7 116.5

141 21.5 17.0 25.4





#45

2-Fluorobiphenyl

Concen: 92.894 ng

RT: 12.794 min Scan# 1

Delta R.T. -0.005 min

Lab File: BE101541.D

Acq: 7 Nov 2024 21:02

Instrument :

BNA_E

ClientSampleId :

Z-01

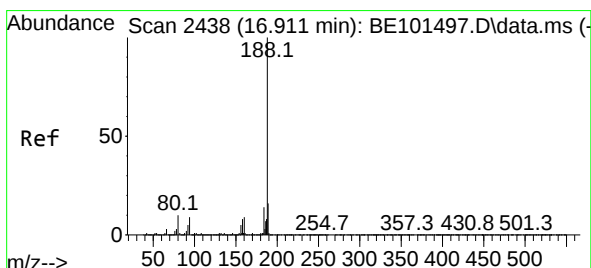
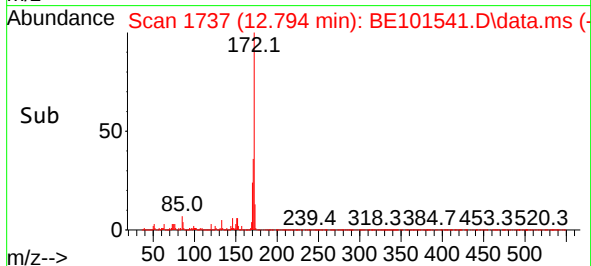
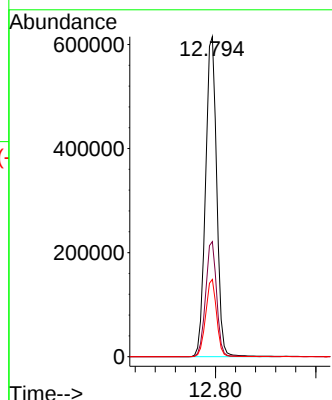
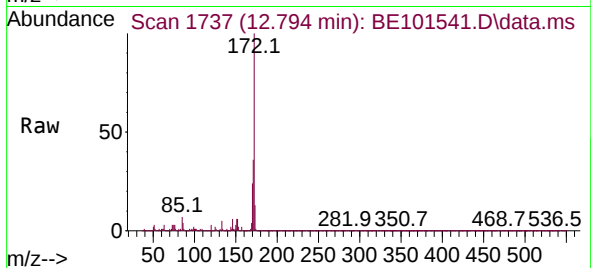
Tgt Ion:172 Resp: 950510

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.1 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.907 min Scan# 2437

Delta R.T. -0.005 min

Lab File: BE101541.D

Acq: 7 Nov 2024 21:02

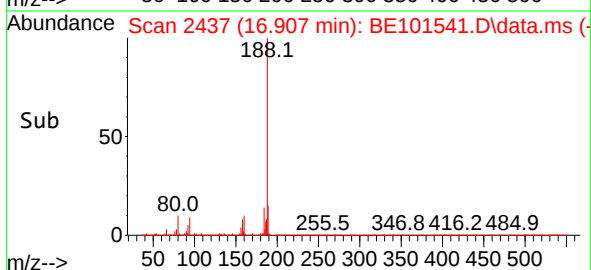
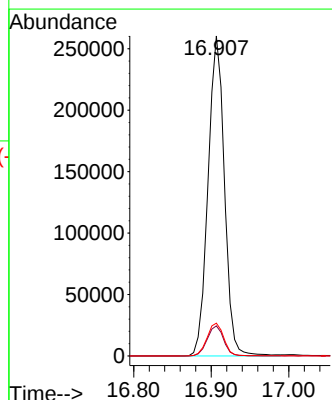
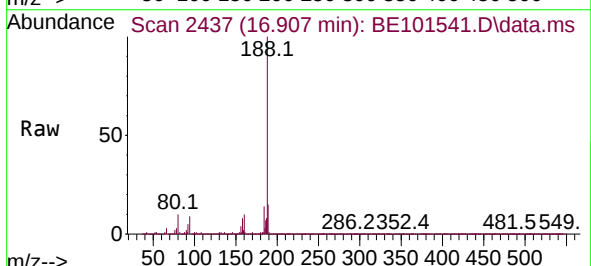
Tgt Ion:188 Resp: 382642

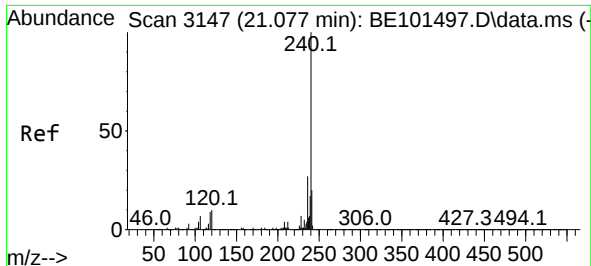
Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.3 8.0 12.0

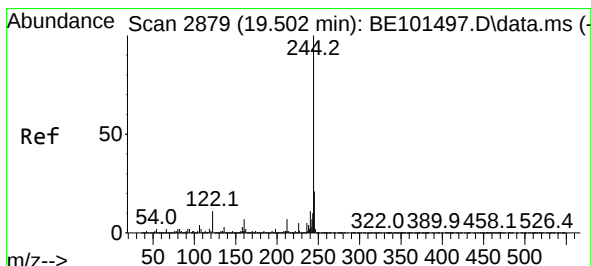
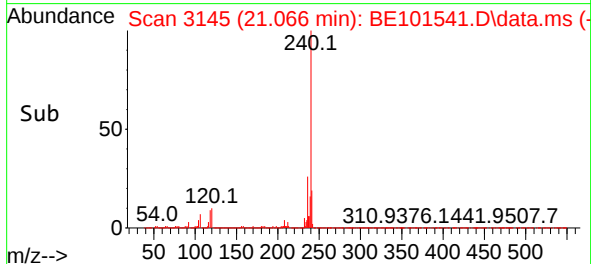
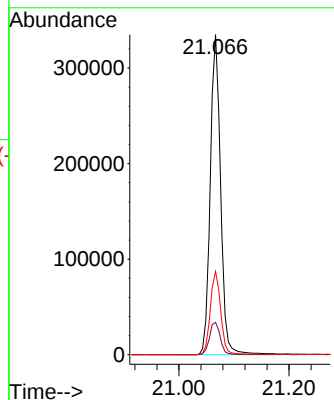
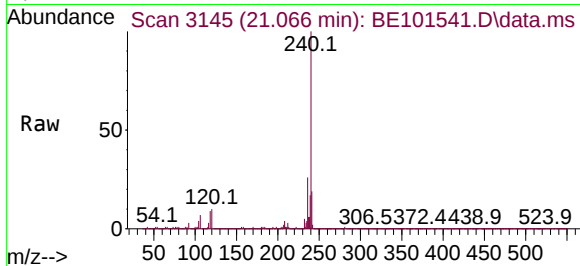




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.066 min Scan# 3147
Delta R.T. -0.010 min
Lab File: BE101541.D
Acq: 7 Nov 2024 21:02

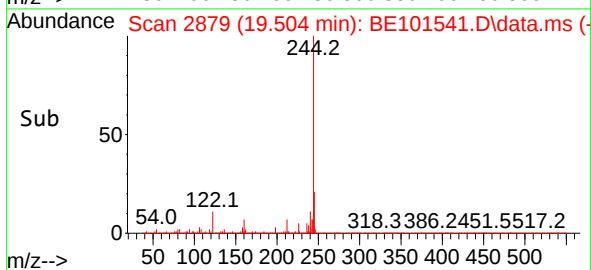
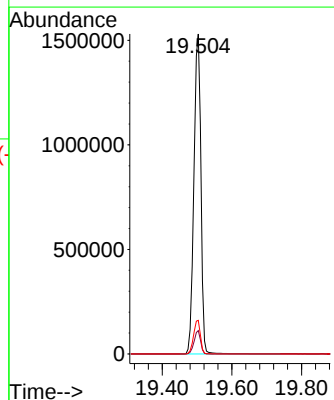
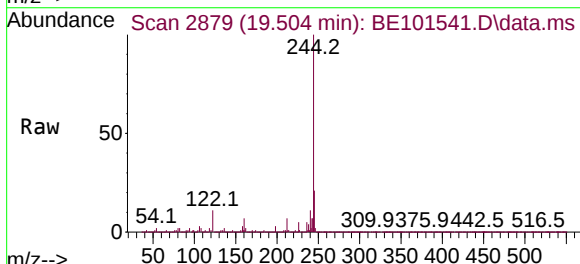
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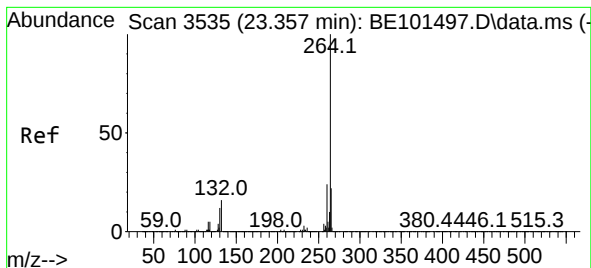
Tgt Ion:240 Resp: 436296
Ion Ratio Lower Upper
240 100
120 10.1 8.2 12.4
236 26.0 21.4 32.2



#79
Terphenyl-d14
Concen: 108.156 ng
RT: 19.504 min Scan# 2879
Delta R.T. 0.001 min
Lab File: BE101541.D
Acq: 7 Nov 2024 21:02

Tgt Ion:244 Resp: 2131761
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.5 8.4 12.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.352 min Scan# 3

Delta R.T. -0.005 min

Lab File: BE101541.D

Acq: 7 Nov 2024 21:02

Instrument :

BNA_E

ClientSampleId :

Z-01

Tgt Ion:264 Resp: 568971

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.8 17.4 26.2

