

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110724\
 Data File : BE101527.D
 Acq On : 7 Nov 2024 12:38
 Operator : RC/JU
 Sample : PB164662TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB164662TB

Quant Time: Nov 07 12:28:51 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)

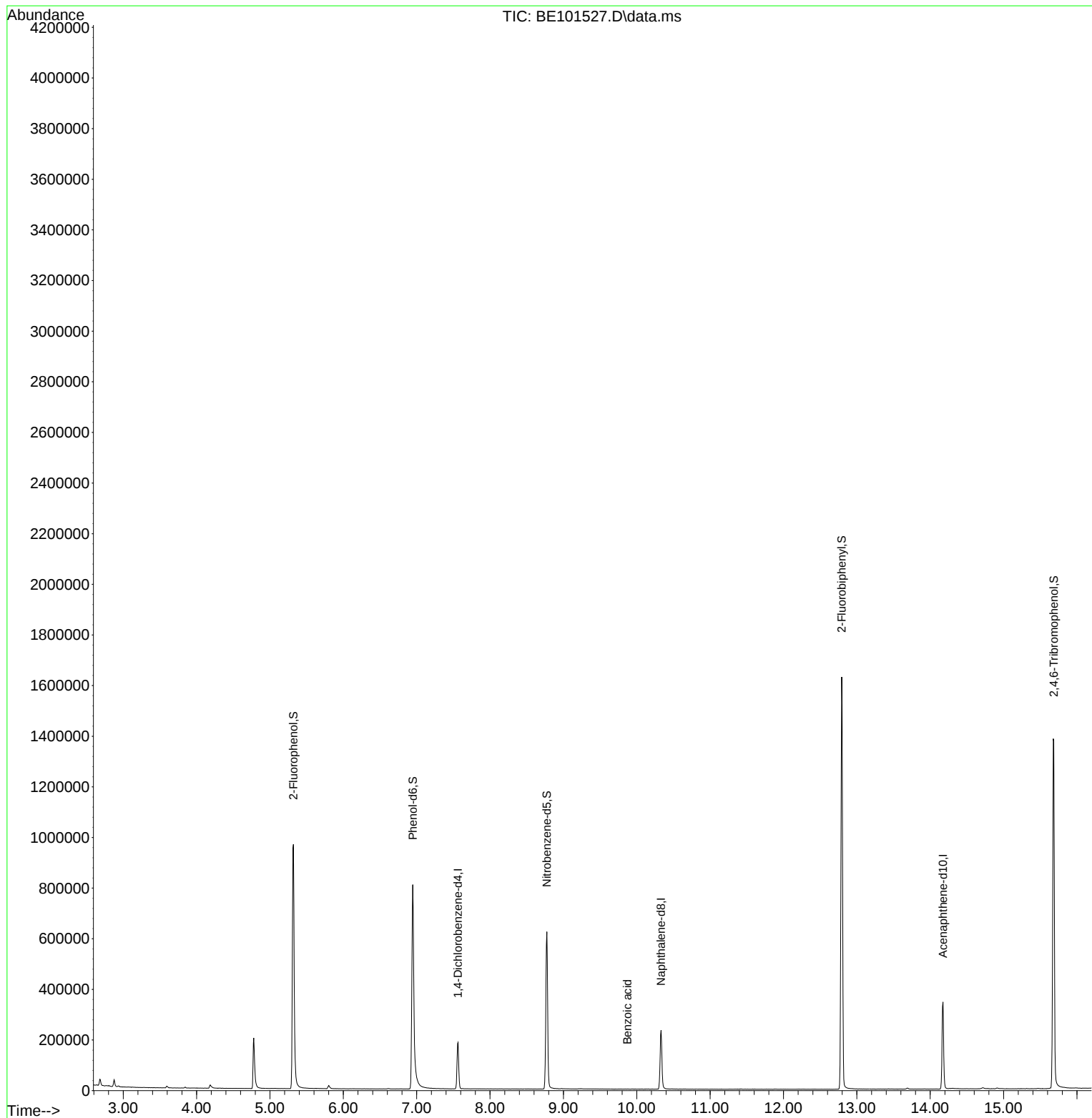
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.564	152	53427	20.000	ng	0.00
21) Naphthalene-d8	10.331	136	209075	20.000	ng	0.00
39) Acenaphthene-d10	14.174	164	125183	20.000	ng	0.00
64) Phenanthrene-d10	16.912	188	279160	20.000	ng	0.00
76) Chrysene-d12	21.072	240	351169	20.000	ng	0.00
86) Perylene-d12	23.357	264	469581	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	520211	172.165	ng	0.00
7) Phenol-d6	6.947	99	625288	150.933	ng	0.00
23) Nitrobenzene-d5	8.774	82	377263	113.977	ng	0.00
42) 2,4,6-Tribromophenol	15.684	330	376554	159.857	ng	0.00
45) 2-Fluorobiphenyl	12.793	172	900559	117.463	ng	0.00
79) Terphenyl-d14	19.503	244	1758638	110.854	ng	0.00
Target Compounds						
32) Benzoic acid	9.873	122	10	6.838	ng	Qvalue # 1

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

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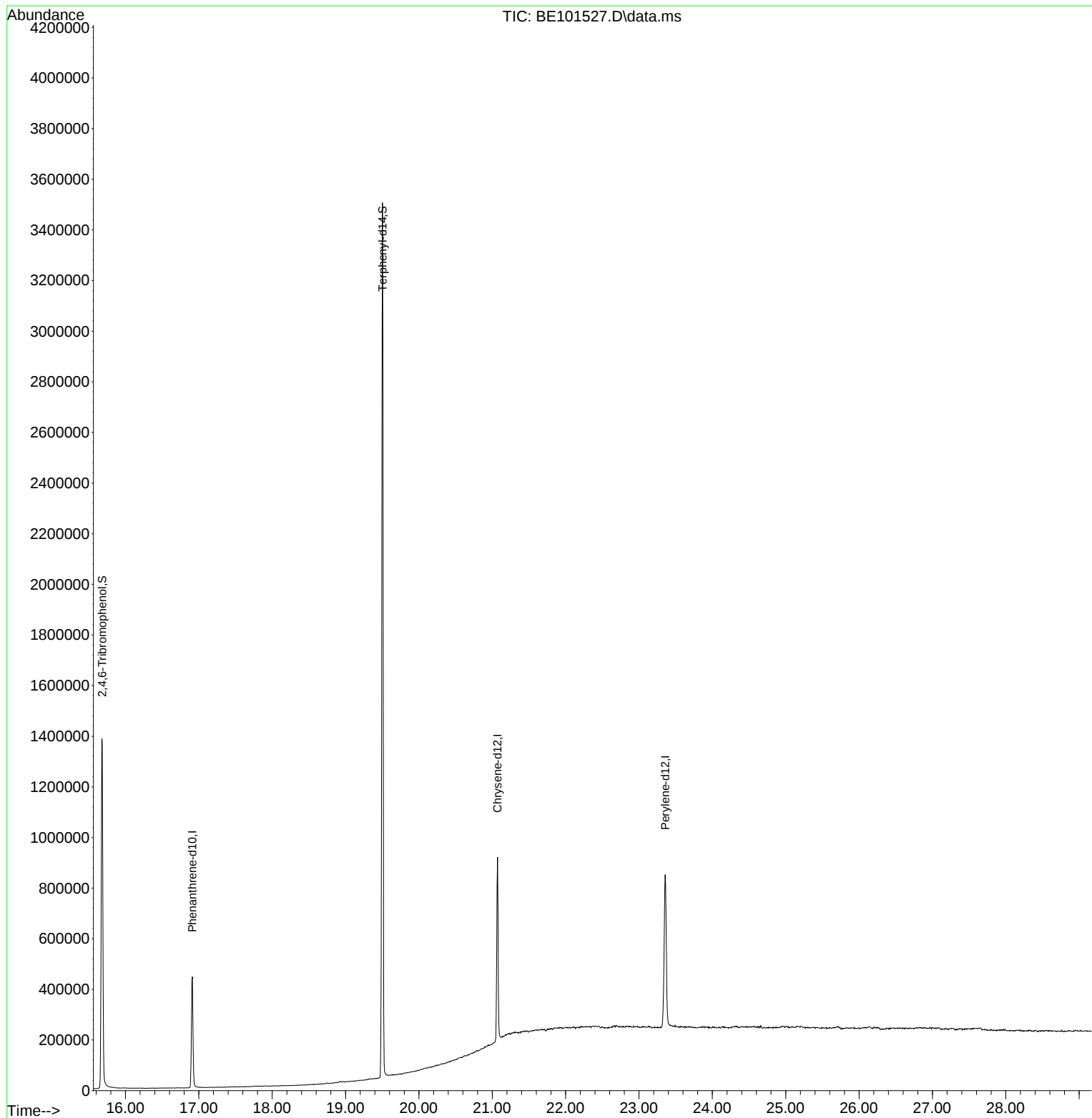
Quant Time: Nov 07 12:28:51 2024
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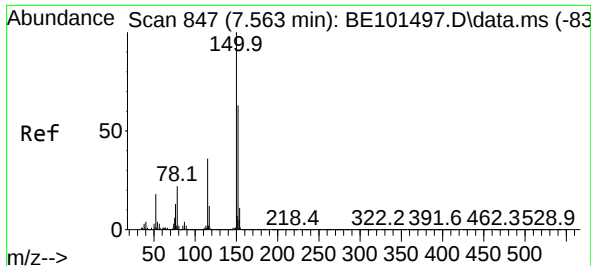


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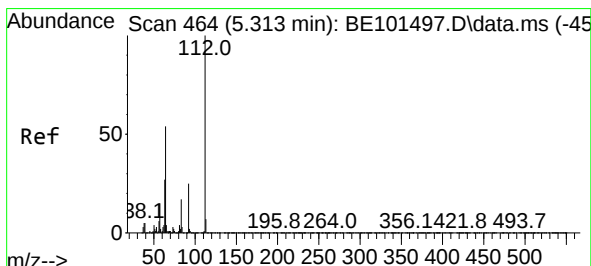
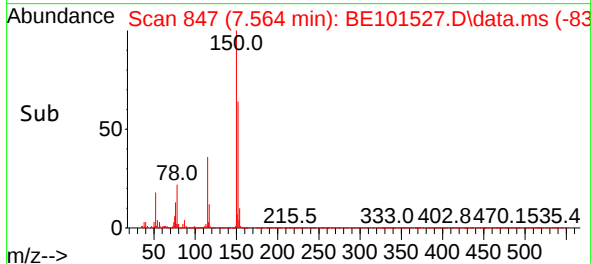
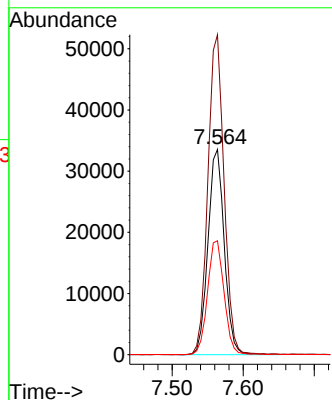
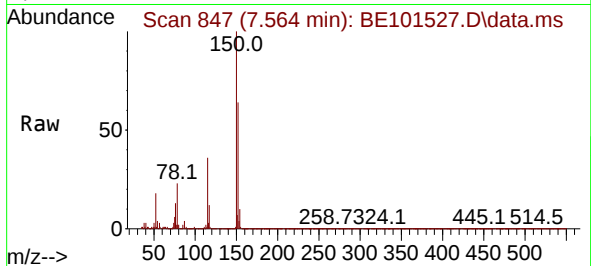




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.564 min Scan# 847
Delta R.T. 0.001 min
Lab File: BE101527.D
Acq: 7 Nov 2024 12:38

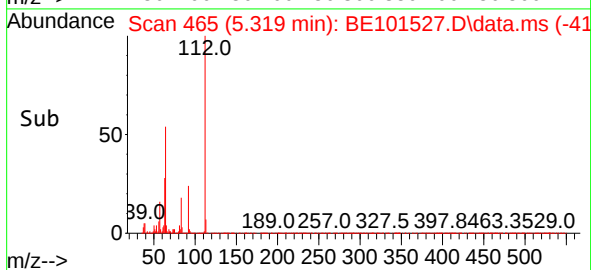
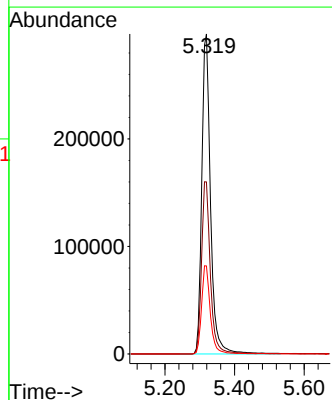
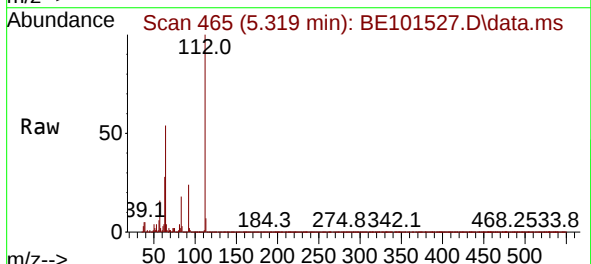
Instrument :
BNA_E
ClientSampleId :
PB164662TB

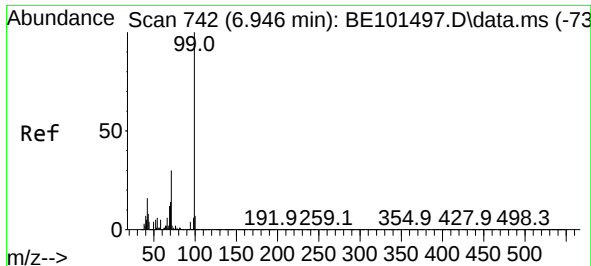
Tgt Ion:152 Resp: 53427
Ion Ratio Lower Upper
152 100
150 155.9 126.3 189.5
115 55.5 45.0 67.4



#5
2-Fluorophenol
Concen: 172.165 ng
RT: 5.319 min Scan# 465
Delta R.T. 0.006 min
Lab File: BE101527.D
Acq: 7 Nov 2024 12:38

Tgt Ion:112 Resp: 520211
Ion Ratio Lower Upper
112 100
64 53.8 43.2 64.8
63 27.5 21.8 32.6

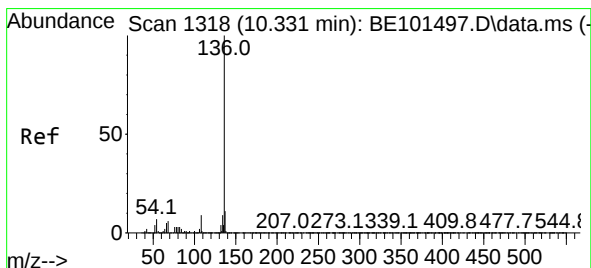
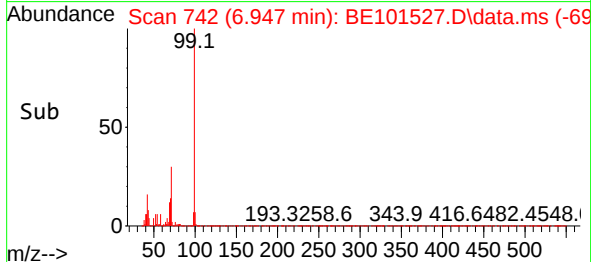
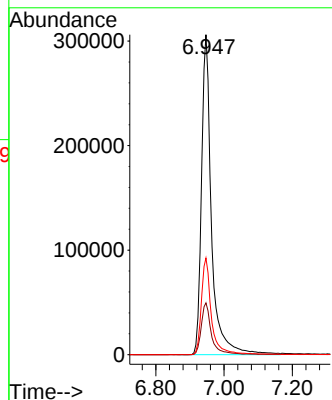
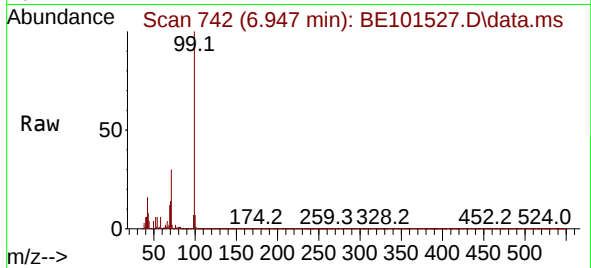




#7
Phenol-d6
Concen: 150.933 ng
RT: 6.947 min Scan# 742
Delta R.T. 0.001 min
Lab File: BE101527.D
Acq: 7 Nov 2024 12:38

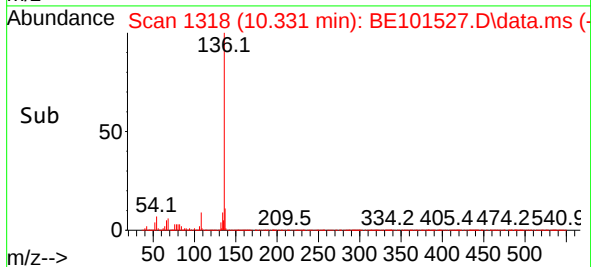
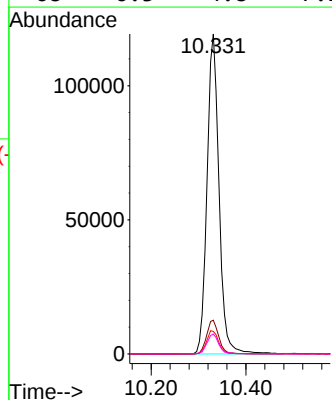
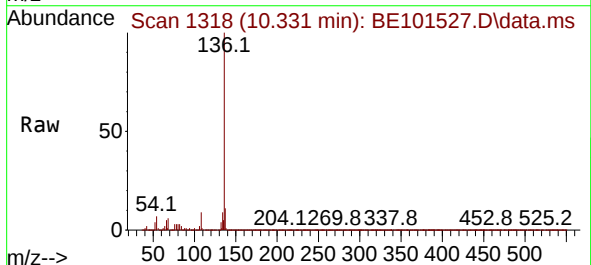
Instrument :
BNA_E
ClientSampleId :
PB164662TB

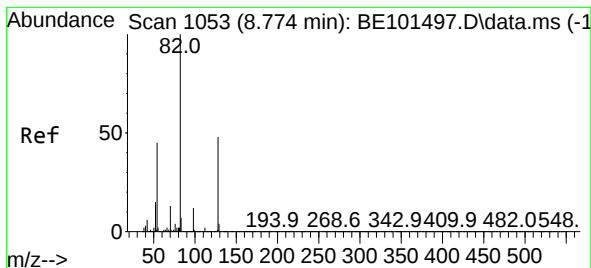
Tgt Ion: 99 Resp: 625288
Ion Ratio Lower Upper
99 100
42 16.2 12.5 18.7
71 30.2 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.331 min Scan# 1318
Delta R.T. 0.001 min
Lab File: BE101527.D
Acq: 7 Nov 2024 12:38

Tgt Ion: 136 Resp: 209075
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.0 5.6 8.4
68 6.3 4.8 7.2



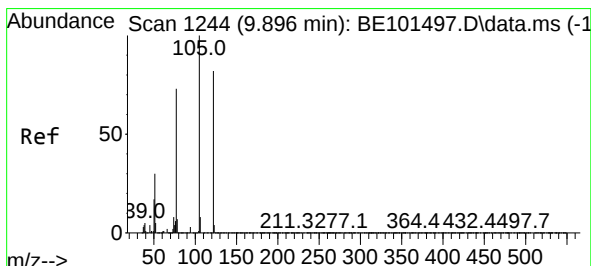
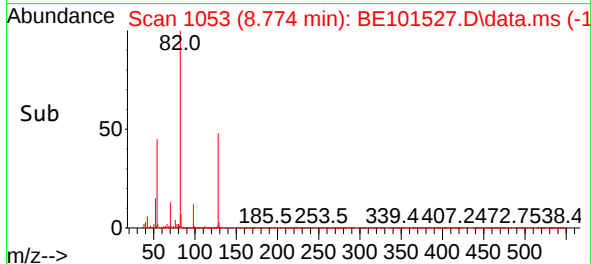
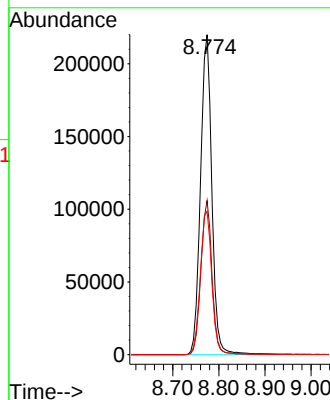
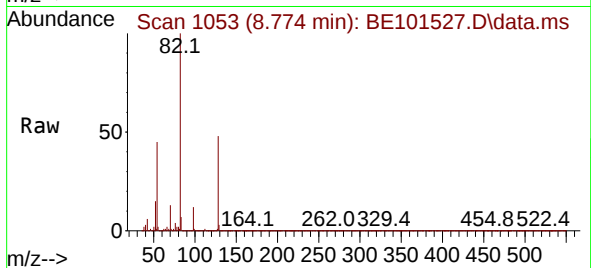


#23
Nitrobenzene-d5
Concen: 113.977 ng
RT: 8.774 min Scan# 1053
Delta R.T. 0.001 min
Lab File: BE101527.D
Acq: 7 Nov 2024 12:38

Instrument :
BNA_E
ClientSampleId :
PB164662TB

Tgt Ion: 82 Resp: 377263

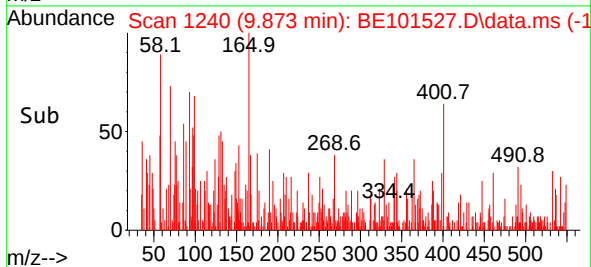
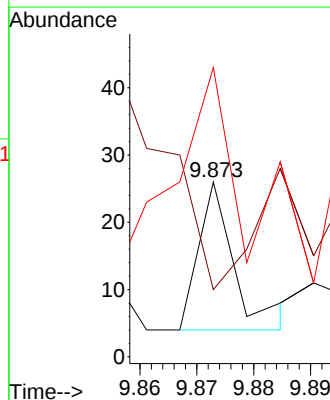
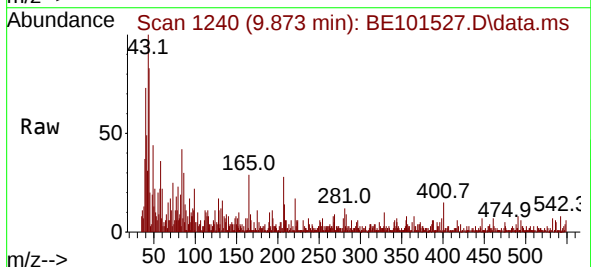
Ion	Ratio	Lower	Upper
82	100		
128	48.1	38.6	58.0
54	44.8	36.3	54.5

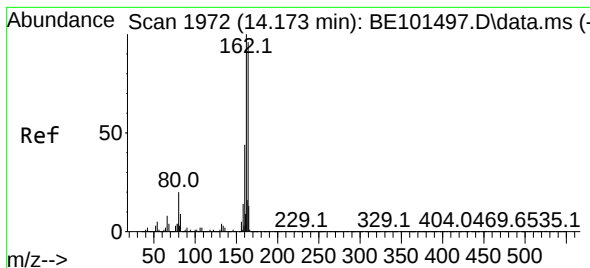


#32
Benzoic acid
Concen: 6.838 ng
RT: 9.873 min Scan# 1240
Delta R.T. -0.023 min
Lab File: BE101527.D
Acq: 7 Nov 2024 12:38

Tgt Ion: 122 Resp: 10

Ion	Ratio	Lower	Upper
122	100		
105	38.5	100.6	140.6#
77	215.4	68.6	108.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.174 min Scan# 1972

Delta R.T. 0.001 min

Lab File: BE101527.D

Acq: 7 Nov 2024 12:38

Instrument :

BNA_E

ClientSampleId :

PB164662TB

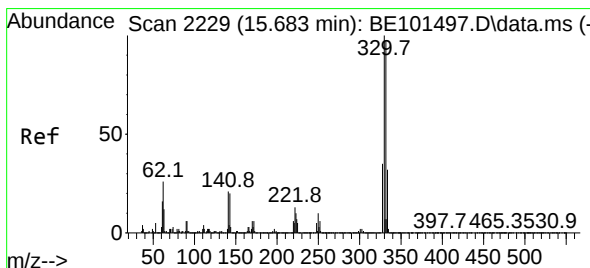
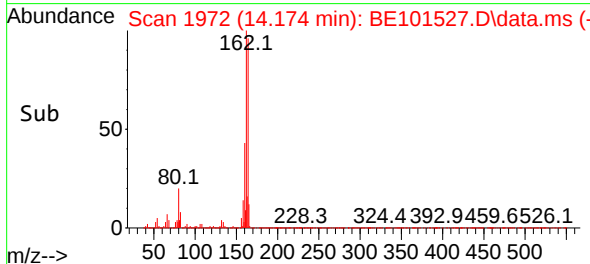
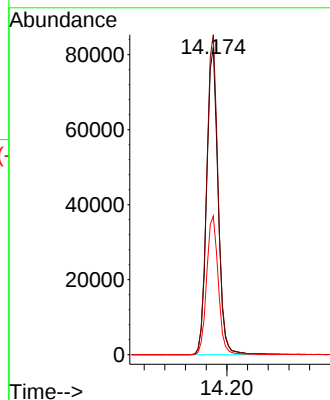
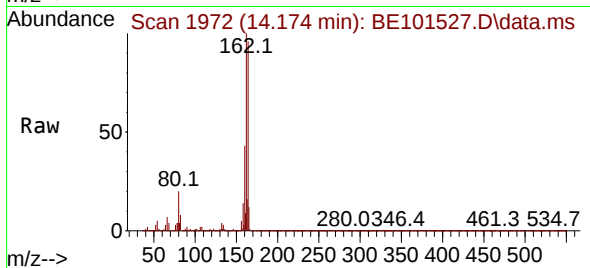
Tgt Ion:164 Resp: 125183

Ion Ratio Lower Upper

164 100

162 104.1 83.7 125.5

160 45.1 37.1 55.7



#42

2,4,6-Tribromophenol

Concen: 159.857 ng

RT: 15.684 min Scan# 2229

Delta R.T. 0.001 min

Lab File: BE101527.D

Acq: 7 Nov 2024 12:38

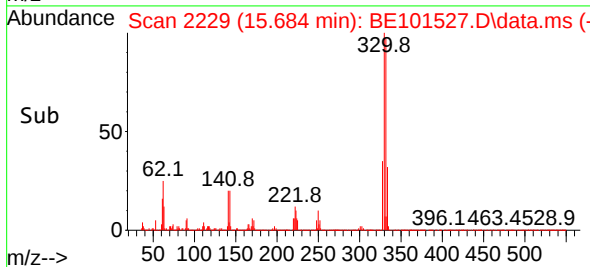
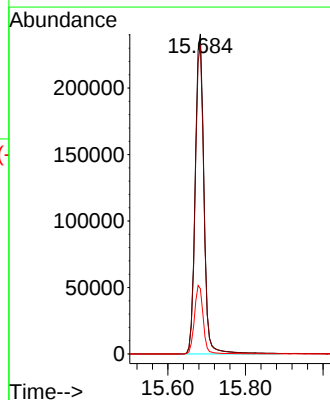
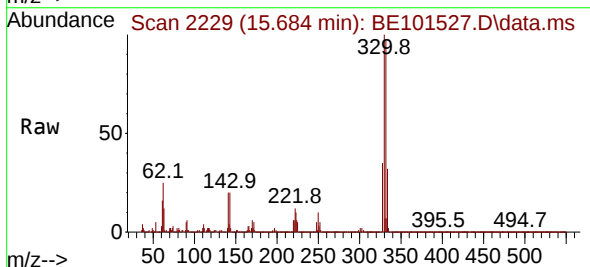
Tgt Ion:330 Resp: 376554

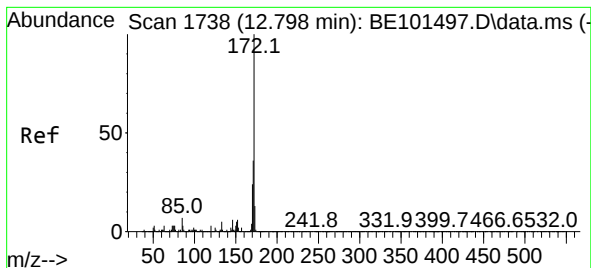
Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

141 21.5 17.0 25.4

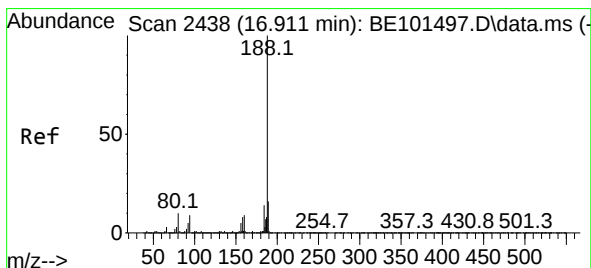
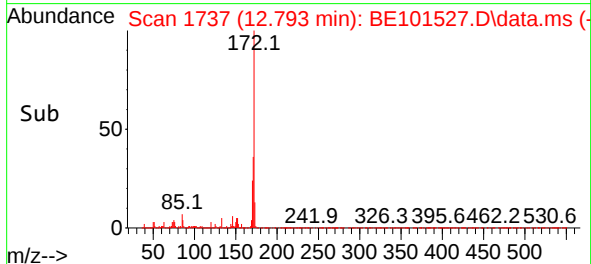
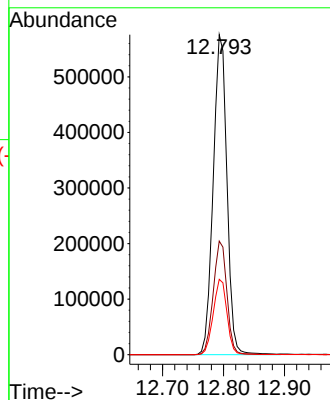
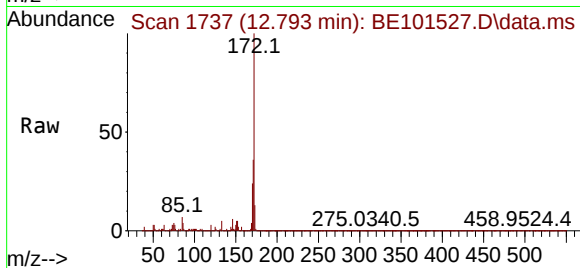




#45
2-Fluorobiphenyl
Concen: 117.463 ng
RT: 12.793 min Scan# 1737
Delta R.T. -0.005 min
Lab File: BE101527.D
Acq: 7 Nov 2024 12:38

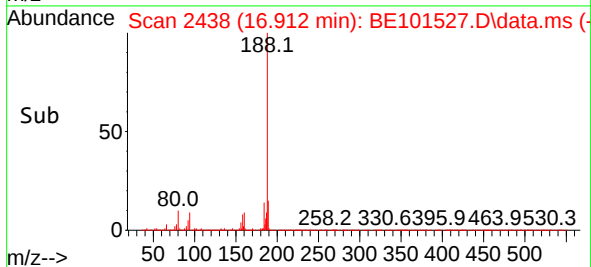
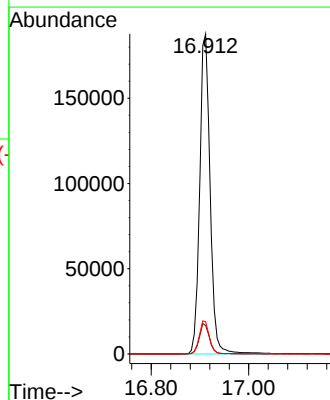
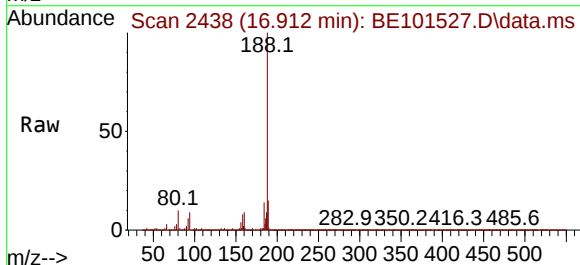
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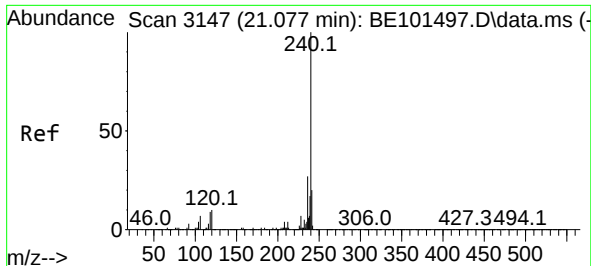
Tgt Ion:172 Resp: 900559
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.5 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.912 min Scan# 2438
Delta R.T. 0.001 min
Lab File: BE101527.D
Acq: 7 Nov 2024 12:38

Tgt Ion:188 Resp: 279160
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 10.1 8.0 12.0

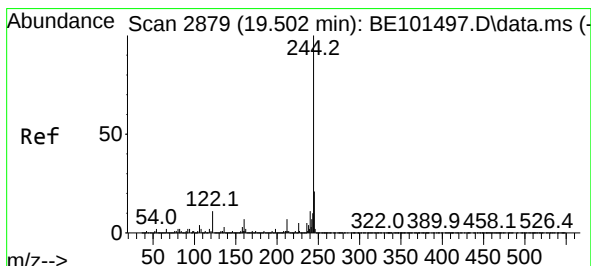
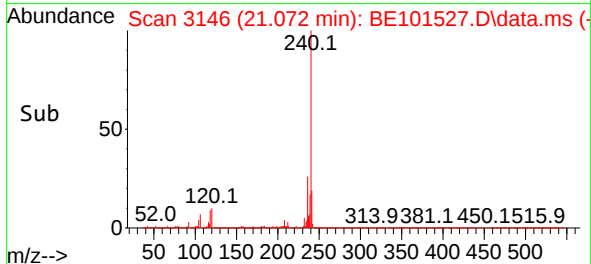
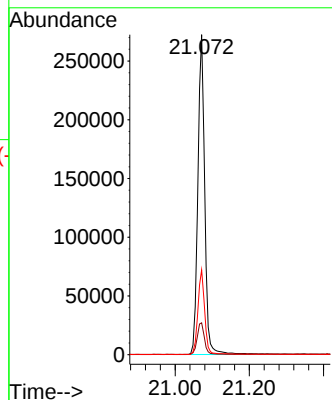
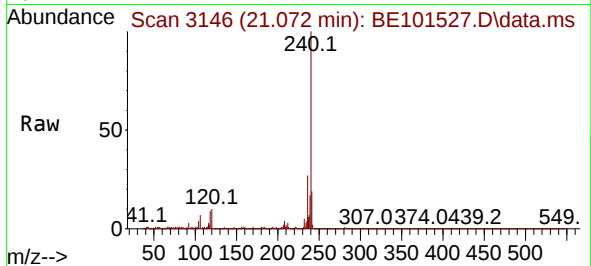




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.072 min Scan# 3147
Delta R.T. -0.005 min
Lab File: BE101527.D
Acq: 7 Nov 2024 12:38

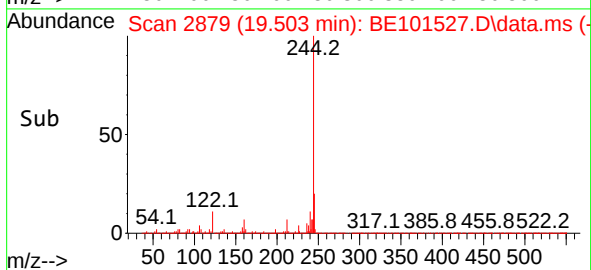
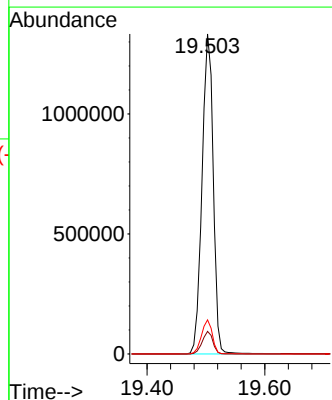
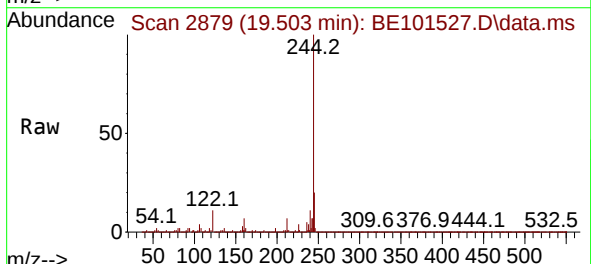
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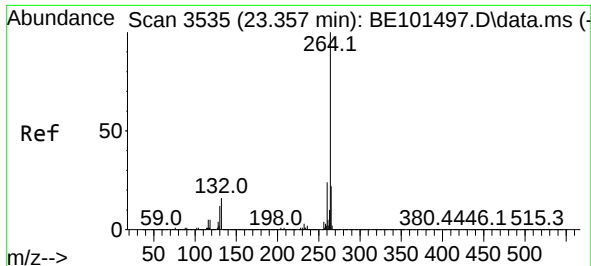
Tgt Ion:240 Resp: 351169
Ion Ratio Lower Upper
240 100
120 9.9 8.2 12.4
236 26.5 21.4 32.2



#79
Terphenyl-d14
Concen: 110.854 ng
RT: 19.503 min Scan# 2879
Delta R.T. 0.001 min
Lab File: BE101527.D
Acq: 7 Nov 2024 12:38

Tgt Ion:244 Resp: 1758638
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.7 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.357 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: BE101527.D
 Acq: 7 Nov 2024 12:38

Instrument :
 BNA_E
 ClientSampleId :
 PB164662TB

Tgt Ion:264 Resp: 469581
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 22.3 17.4 26.2

