

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
Data File : BE101545.D
Acq On : 8 Nov 2024 10:51
Operator : RC/JU
Sample : PB164750BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB164750BL

Quant Time: Nov 08 10:32:06 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	34636	20.000	ng	0.00
21) Naphthalene-d8	10.328	136	145179	20.000	ng	0.00
39) Acenaphthene-d10	14.171	164	93474	20.000	ng	0.00
64) Phenanthrene-d10	16.909	188	229842	20.000	ng	0.00
76) Chrysene-d12	21.069	240	301745	20.000	ng	0.00
86) Perylene-d12	23.354	264	434243	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	331106	169.030	ng	0.00
7) Phenol-d6	6.938	99	412504	153.590	ng	0.00
23) Nitrobenzene-d5	8.765	82	239194	104.069	ng	0.00
42) 2,4,6-Tribromophenol	15.681	330	268613	152.717	ng	0.00
45) 2-Fluorobiphenyl	12.790	172	603810	105.473	ng	0.00
79) Terphenyl-d14	19.500	244	1430172	104.916	ng	0.00

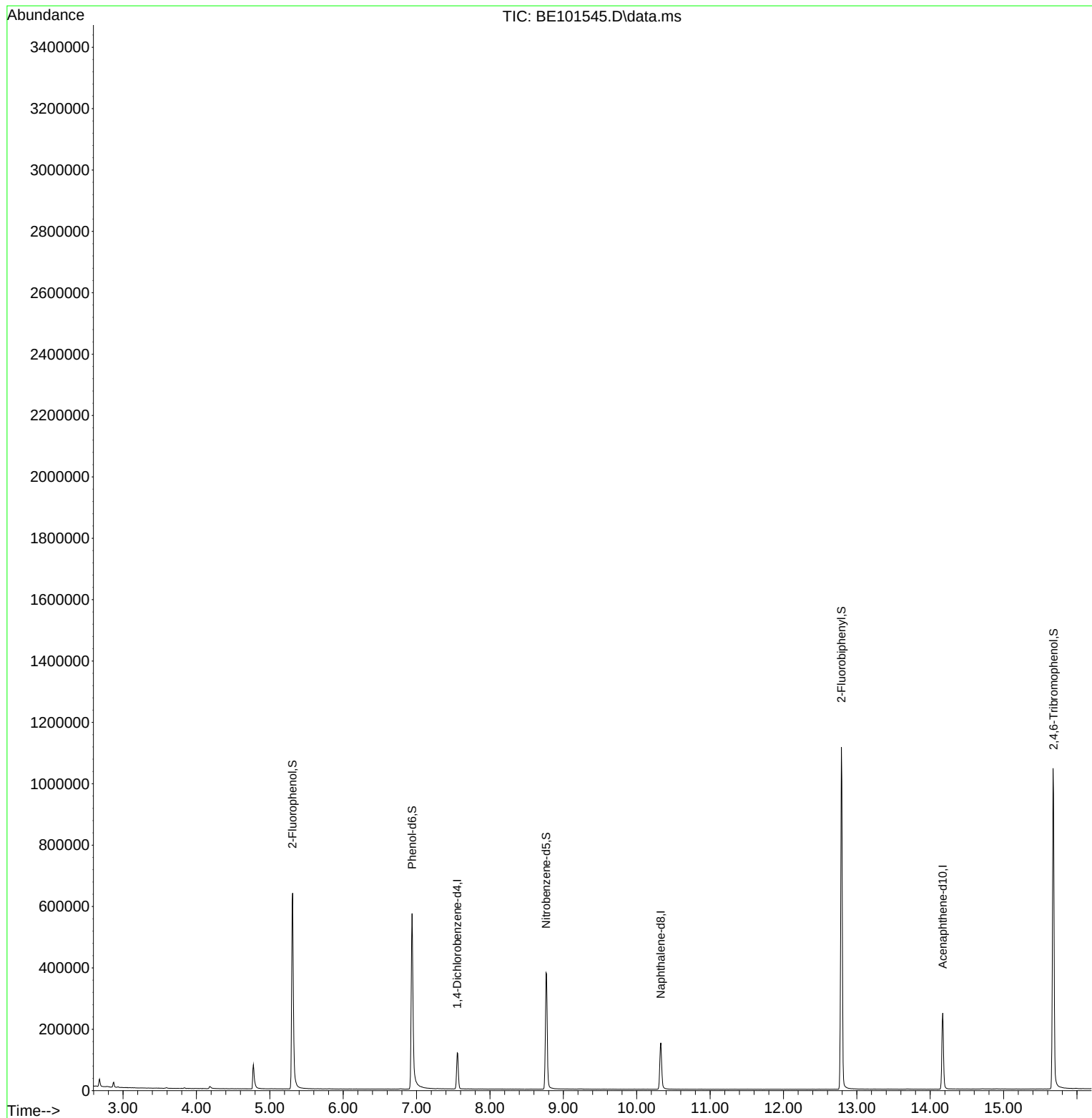
Target Compounds	Qvalue

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

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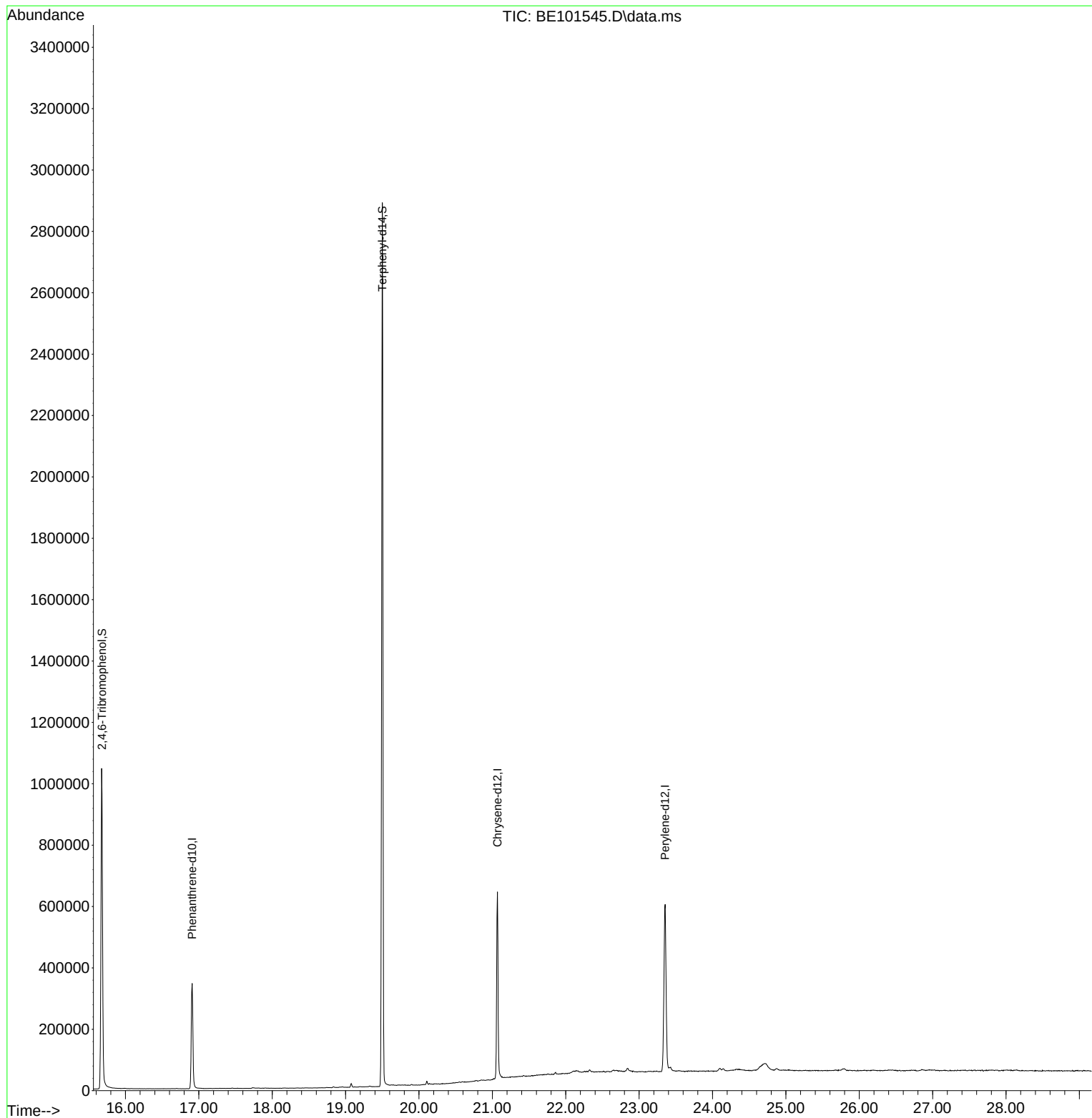
Quant Time: Nov 08 10:32:06 2024
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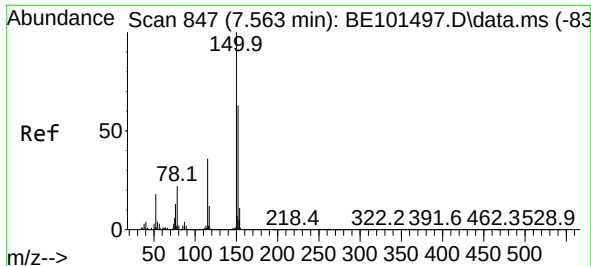


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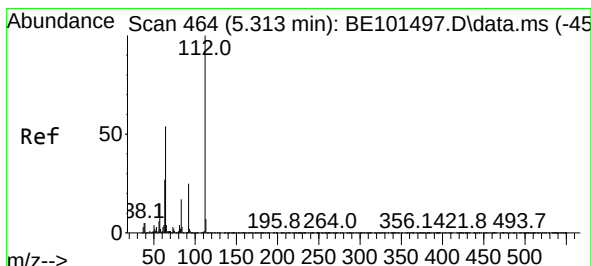
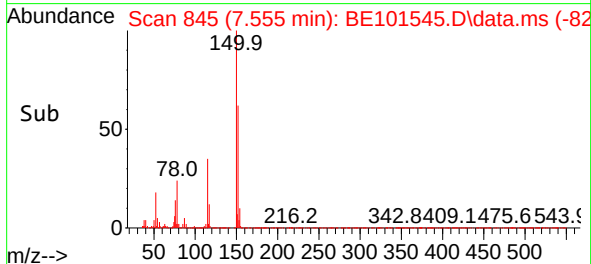
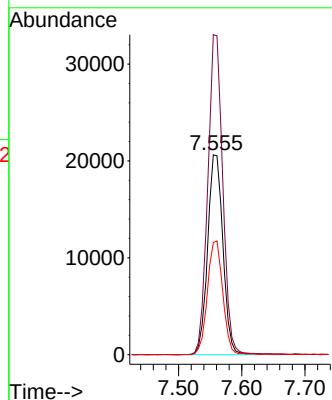
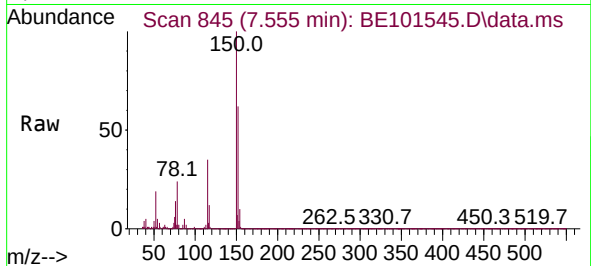




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.555 min Scan# 84
Delta R.T. -0.008 min
Lab File: BE101545.D
Acq: 8 Nov 2024 10:51

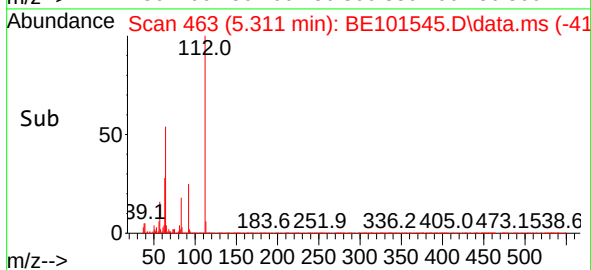
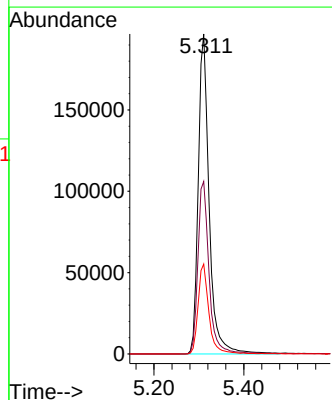
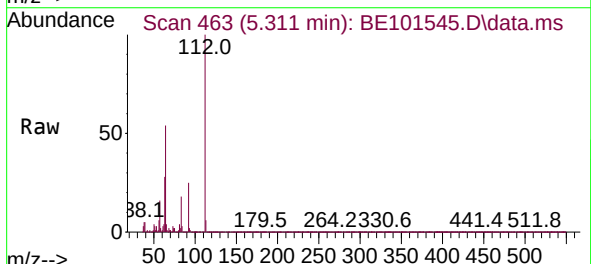
Instrument :
BNA_E
ClientSampleId :
PB164750BL

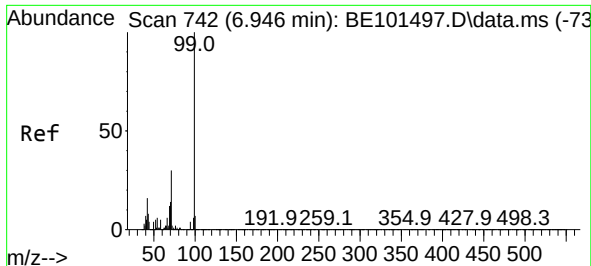
Tgt Ion:152 Resp: 34636
Ion Ratio Lower Upper
152 100
150 160.1 126.3 189.5
115 56.1 45.0 67.4



#5
2-Fluorophenol
Concen: 169.030 ng
RT: 5.311 min Scan# 463
Delta R.T. -0.002 min
Lab File: BE101545.D
Acq: 8 Nov 2024 10:51

Tgt Ion:112 Resp: 331106
Ion Ratio Lower Upper
112 100
64 53.9 43.2 64.8
63 28.1 21.8 32.6

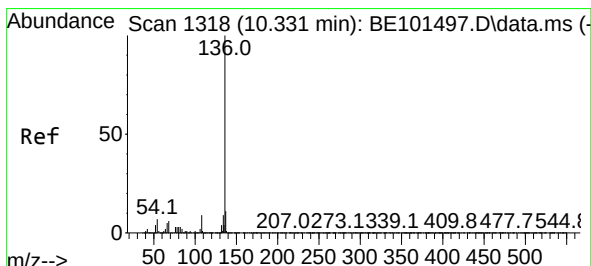
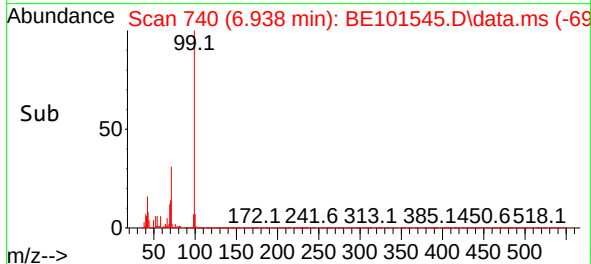
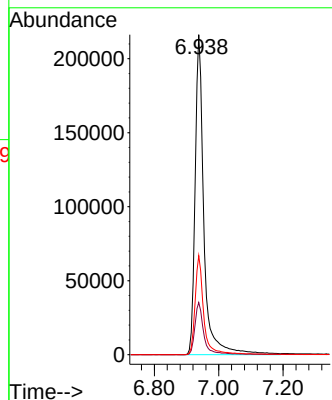
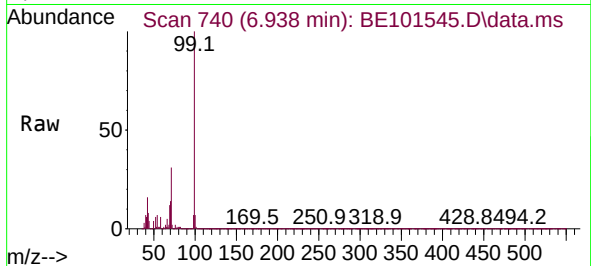




#7
Phenol-d6
Concen: 153.590 ng
RT: 6.938 min Scan# 741
Delta R.T. -0.008 min
Lab File: BE101545.D
Acq: 8 Nov 2024 10:51

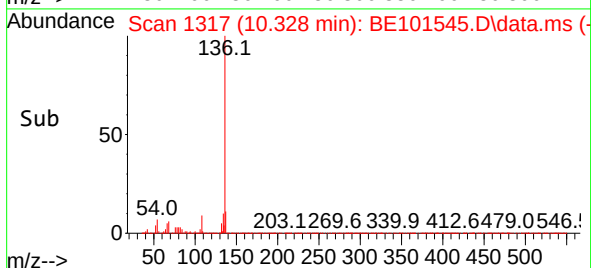
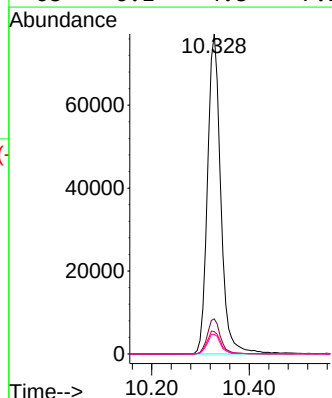
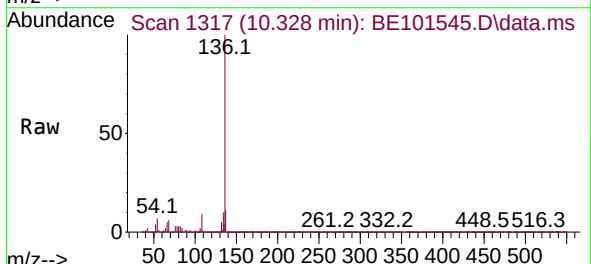
Instrument :
BNA_E
ClientSampleId :
PB164750BL

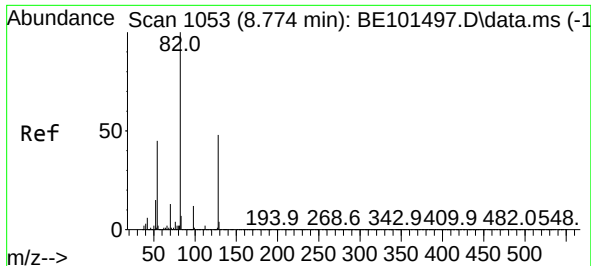
Tgt Ion: 99 Resp: 412504
Ion Ratio Lower Upper
99 100
42 16.3 12.5 18.7
71 31.0 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.328 min Scan# 1317
Delta R.T. -0.002 min
Lab File: BE101545.D
Acq: 8 Nov 2024 10:51

Tgt Ion: 136 Resp: 145179
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.0 5.6 8.4
68 6.1 4.8 7.2

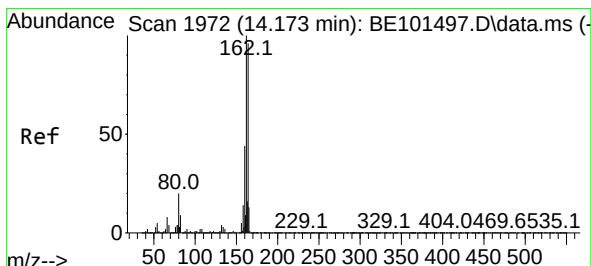
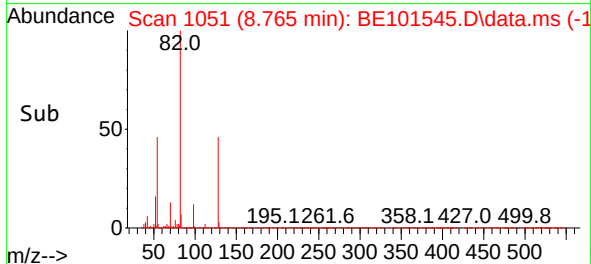
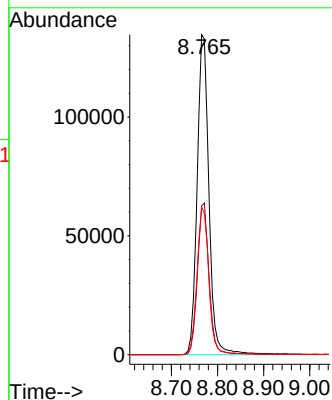
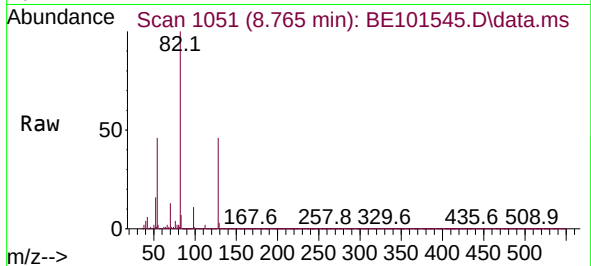




#23
Nitrobenzene-d5
Concen: 104.069 ng
RT: 8.765 min Scan# 1051
Delta R.T. -0.008 min
Lab File: BE101545.D
Acq: 8 Nov 2024 10:51

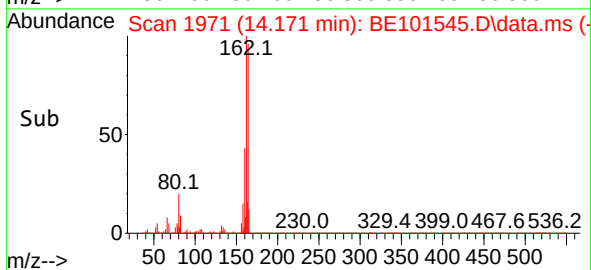
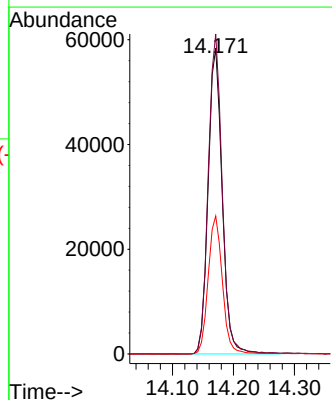
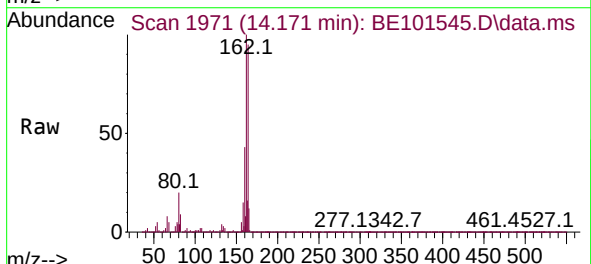
Instrument :
BNA_E
ClientSampleId :
PB164750BL

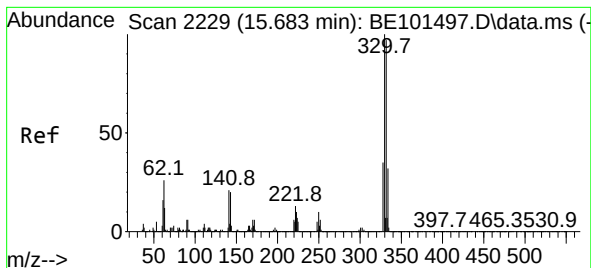
Tgt Ion: 82 Resp: 239194
Ion Ratio Lower Upper
82 100
128 46.5 38.6 58.0
54 46.2 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.171 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BE101545.D
Acq: 8 Nov 2024 10:51

Tgt Ion:164 Resp: 93474
Ion Ratio Lower Upper
164 100
162 104.7 83.7 125.5
160 45.1 37.1 55.7

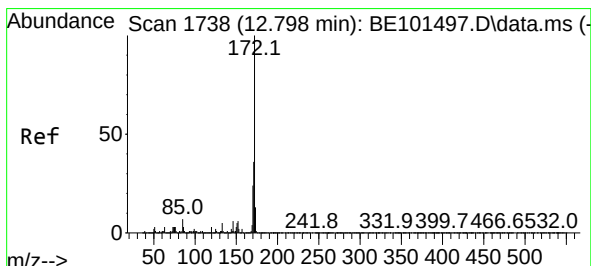
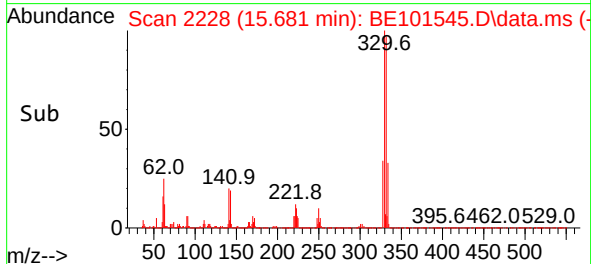
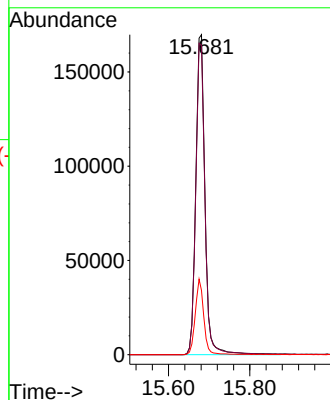
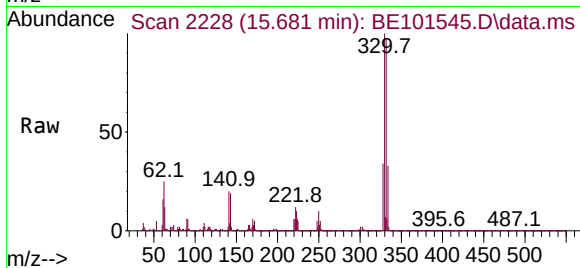




#42
2,4,6-Tribromophenol
Concen: 152.717 ng
RT: 15.681 min Scan# 211
Delta R.T. -0.002 min
Lab File: BE101545.D
Acq: 8 Nov 2024 10:51

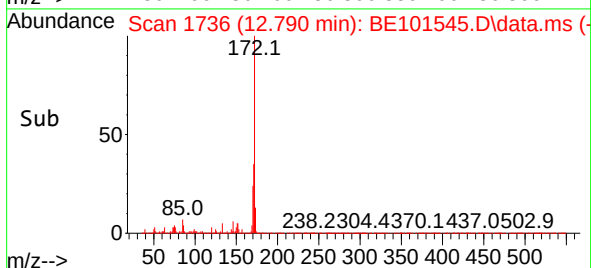
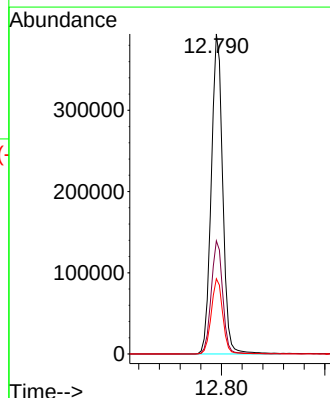
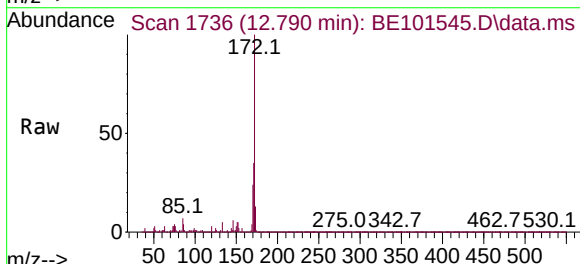
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ClientSampleId :
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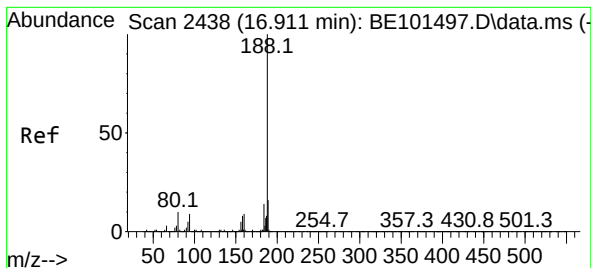
Tgt Ion:330 Resp: 268613
Ion Ratio Lower Upper
330 100
332 97.0 77.7 116.5
141 21.9 17.0 25.4



#45
2-Fluorobiphenyl
Concen: 105.473 ng
RT: 12.790 min Scan# 1736
Delta R.T. -0.008 min
Lab File: BE101545.D
Acq: 8 Nov 2024 10:51

Tgt Ion:172 Resp: 603810
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.5 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: BE101545.D

Acq: 8 Nov 2024 10:51

Instrument :

BNA_E

ClientSampleId :

PB164750BL

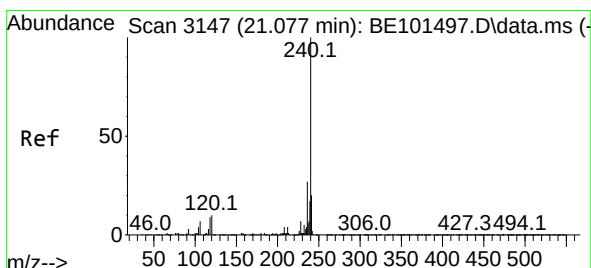
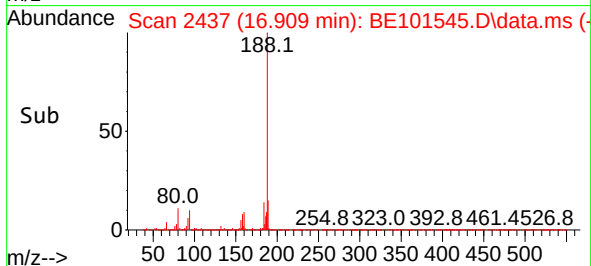
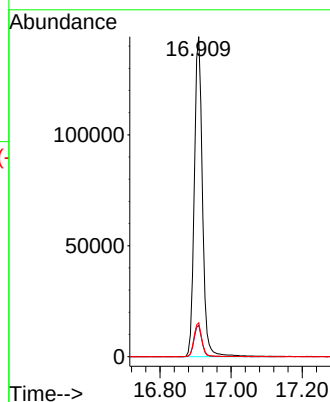
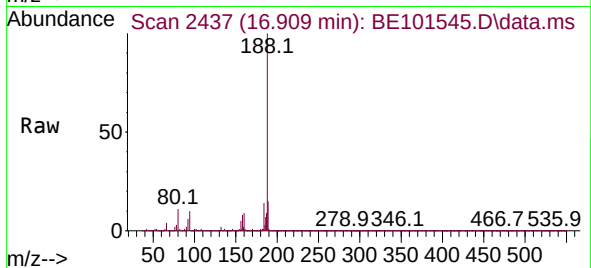
Tgt Ion:188 Resp: 229842

Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.2

80 10.6 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.069 min Scan# 3145

Delta R.T. -0.008 min

Lab File: BE101545.D

Acq: 8 Nov 2024 10:51

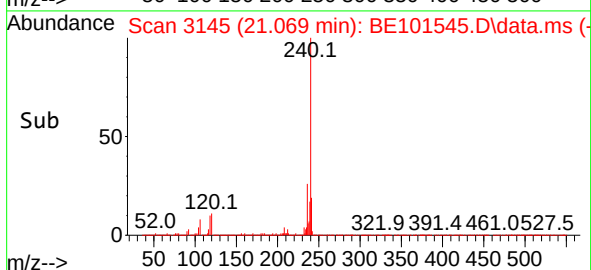
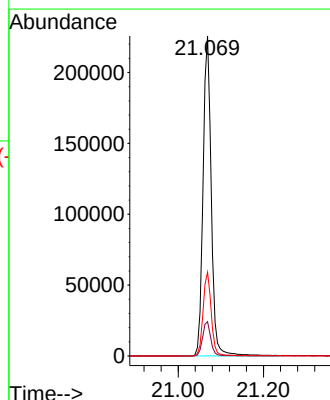
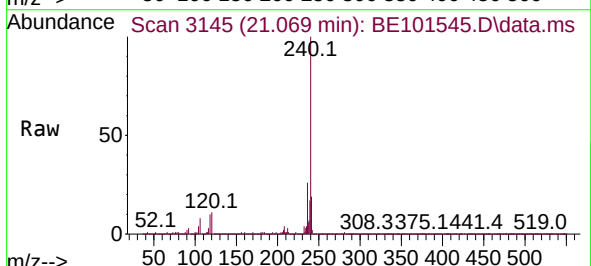
Tgt Ion:240 Resp: 301745

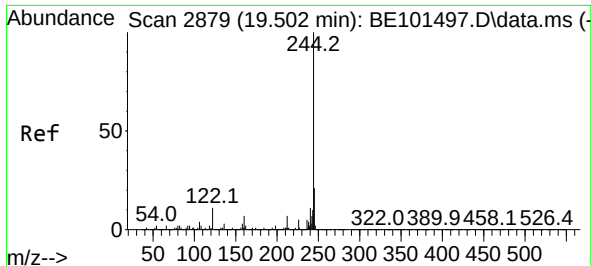
Ion Ratio Lower Upper

240 100

120 10.7 8.2 12.4

236 26.2 21.4 32.2

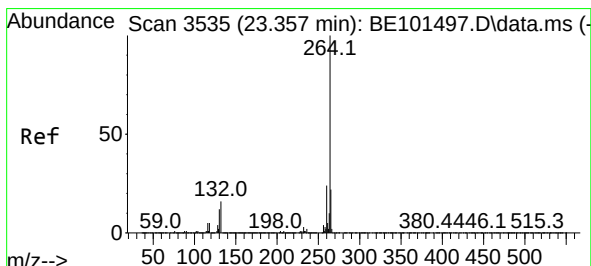
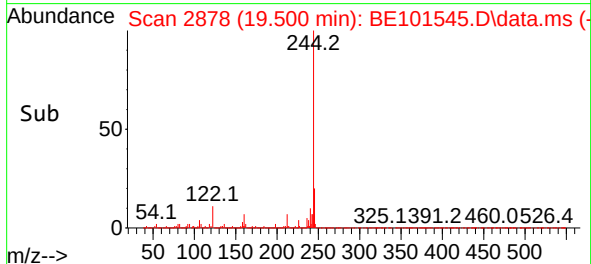
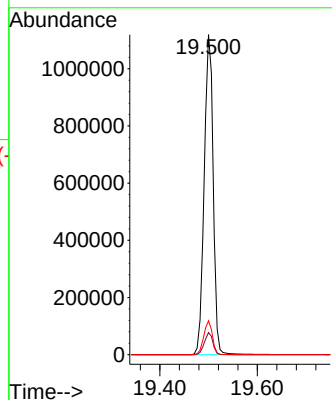
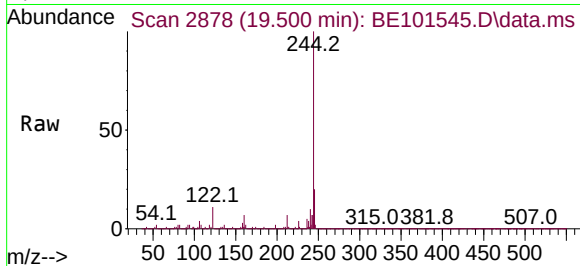




#79
 Terphenyl-d14
 Concen: 104.916 ng
 RT: 19.500 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BE101545.D
 Acq: 8 Nov 2024 10:51

Instrument :
 BNA_E
 ClientSampleId :
 PB164750BL

Tgt Ion:244 Resp: 1430172
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.6 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.354 min Scan# 3534
 Delta R.T. -0.002 min
 Lab File: BE101545.D
 Acq: 8 Nov 2024 10:51

Tgt Ion:264 Resp: 434243
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.5 17.4 26.2

