

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110724\
 Data File : BE101540.D
 Acq On : 7 Nov 2024 20:26
 Operator : RC/JU
 Sample : P4720-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 JC-701-COMP-01

Quant Time: Nov 07 23:59:36 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)

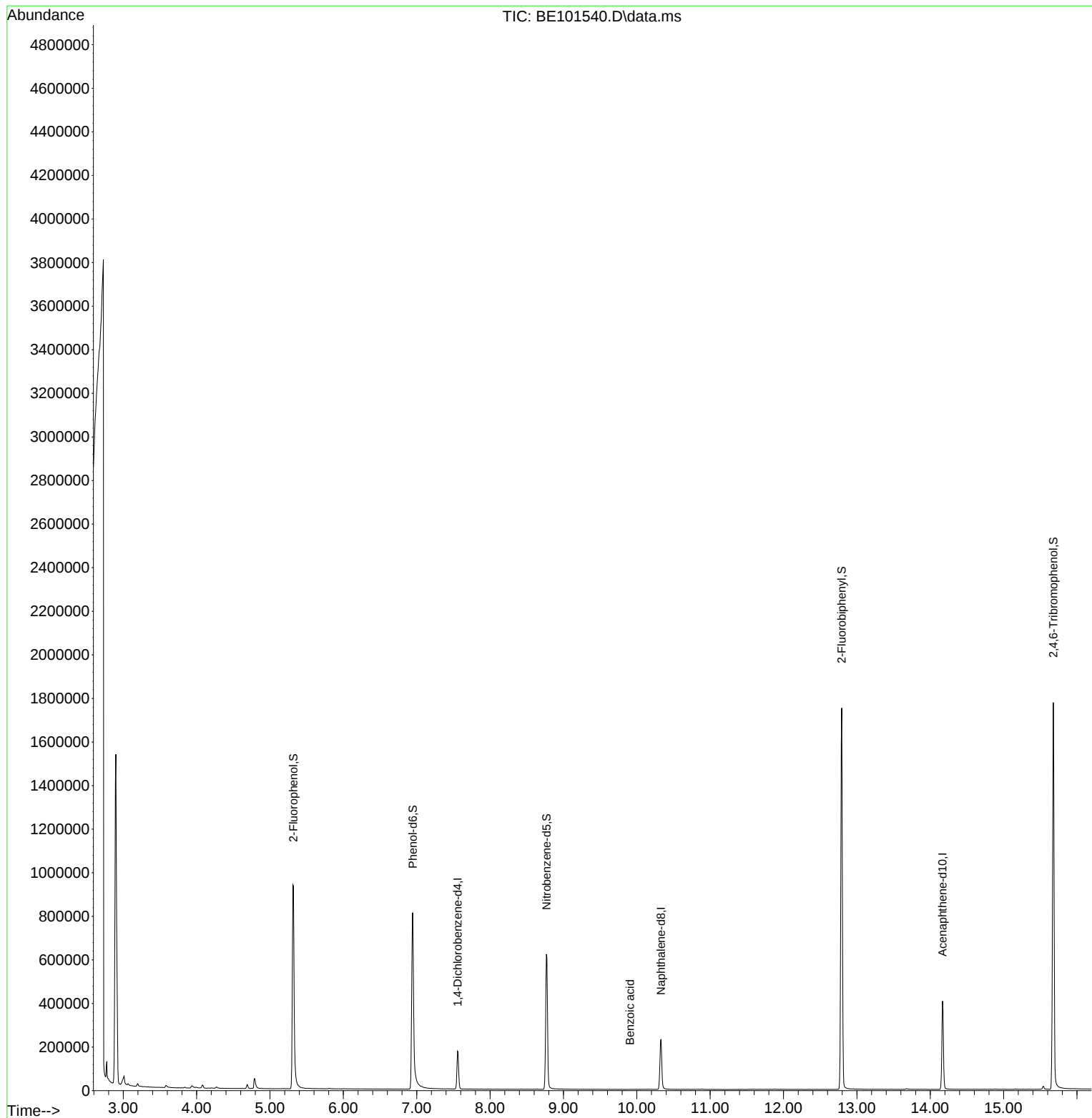
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	49415	20.000	ng	0.00
21) Naphthalene-d8	10.331	136	214151	20.000	ng	0.00
39) Acenaphthene-d10	14.167	164	143748	20.000	ng	0.00
64) Phenanthrene-d10	16.905	188	331300	20.000	ng	0.00
76) Chrysene-d12	21.065	240	408509	20.000	ng	-0.01
86) Perylene-d12	23.351	264	515447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	500762	179.184	ng	0.00
7) Phenol-d6	6.946	99	616703	160.946	ng	0.00
23) Nitrobenzene-d5	8.768	82	386078	113.876	ng	0.00
42) 2,4,6-Tribromophenol	15.677	330	445921	164.857	ng	0.00
45) 2-Fluorobiphenyl	12.792	172	947366	107.609	ng	0.00
79) Terphenyl-d14	19.502	244	2106338	114.135	ng	0.00
Target Compounds						
32) Benzoic acid	9.908	122	25	6.844	ng	Qvalue # 83

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

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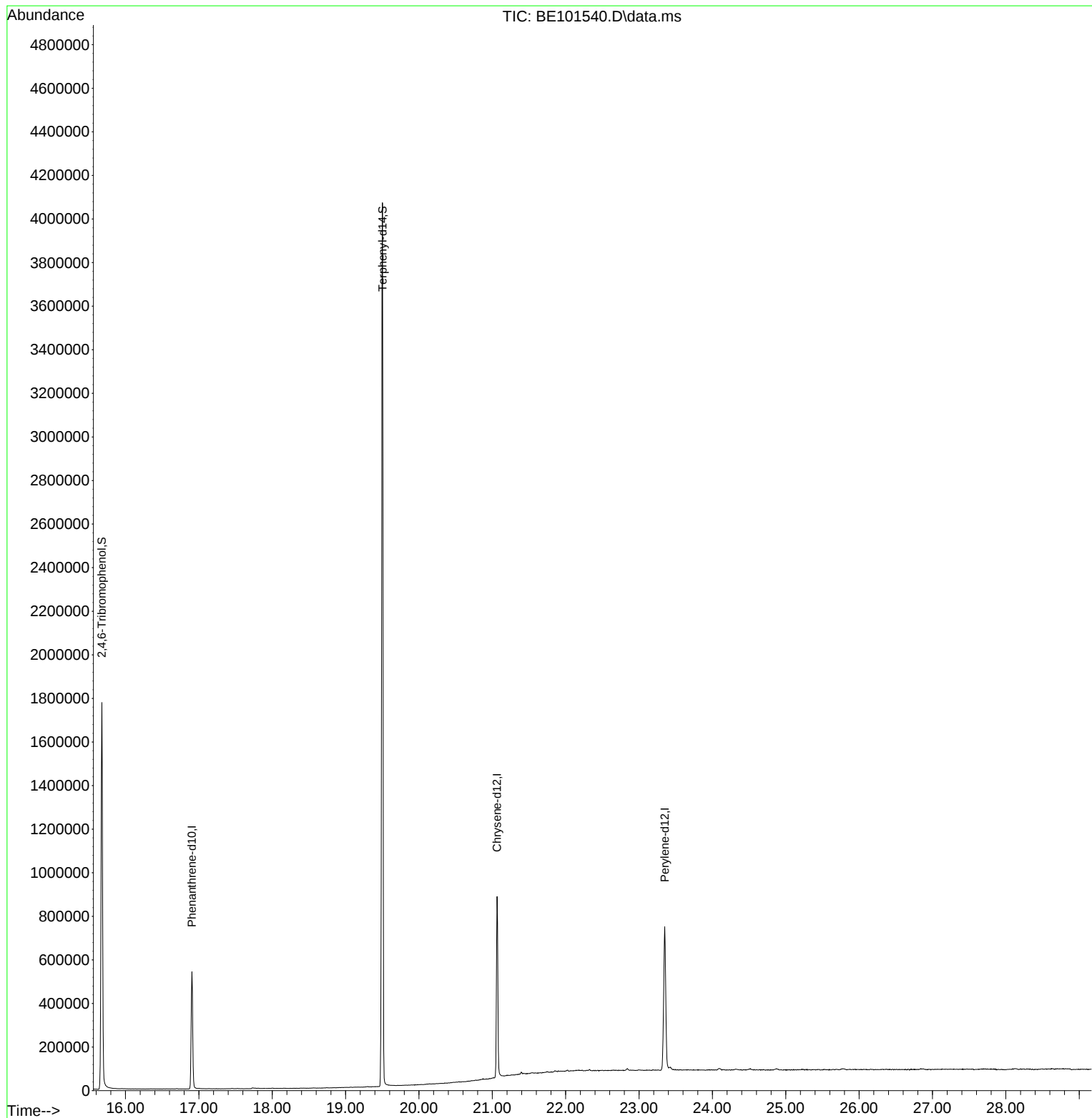
Quant Time: Nov 07 23:59:36 2024
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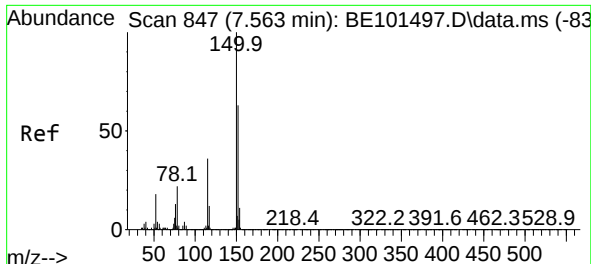


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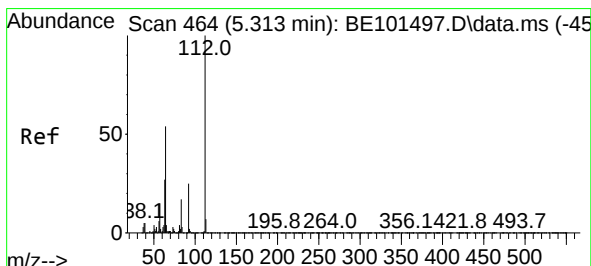
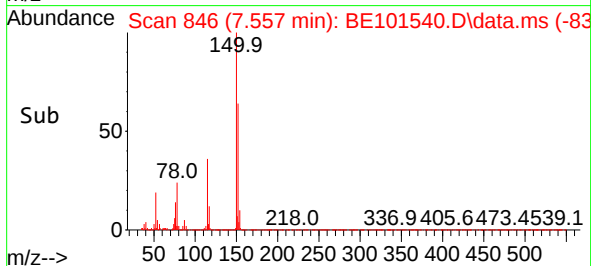
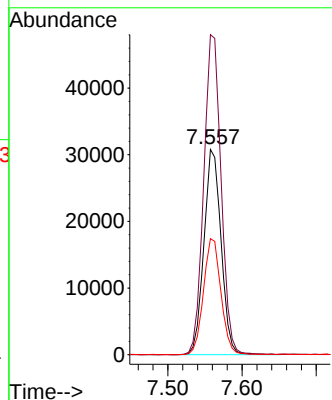
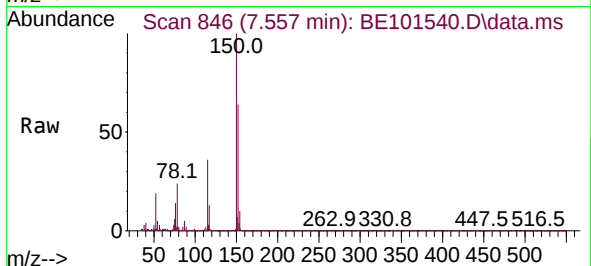




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.557 min Scan# 84
Delta R.T. -0.006 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

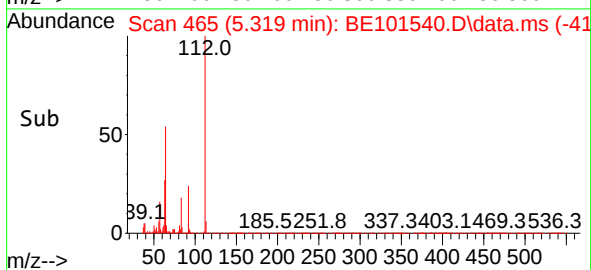
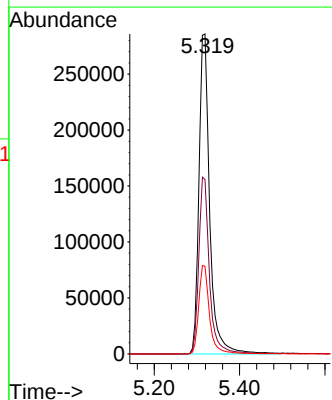
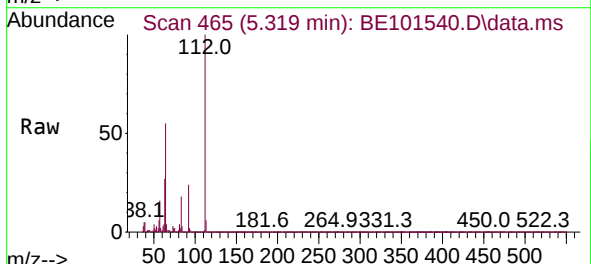
Instrument :
BNA_E
ClientSampleId :
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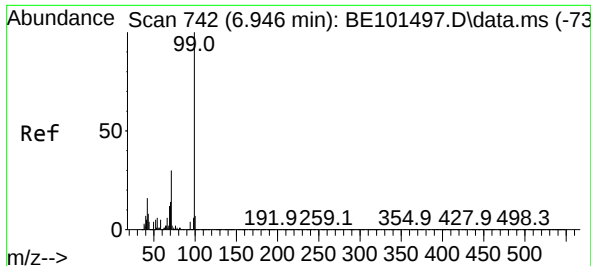
Tgt Ion:152 Resp: 49415
Ion Ratio Lower Upper
152 100
150 155.9 126.3 189.5
115 56.5 45.0 67.4



#5
2-Fluorophenol
Concen: 179.184 ng
RT: 5.319 min Scan# 465
Delta R.T. 0.006 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

Tgt Ion:112 Resp: 500762
Ion Ratio Lower Upper
112 100
64 54.5 43.2 64.8
63 27.4 21.8 32.6





#7

Phenol-d6

Concen: 160.946 ng

RT: 6.946 min Scan# 742

Delta R.T. -0.000 min

Lab File: BE101540.D

Acq: 7 Nov 2024 20:26

Instrument :

BNA_E

ClientSampleId :

JC-701-COMP-01

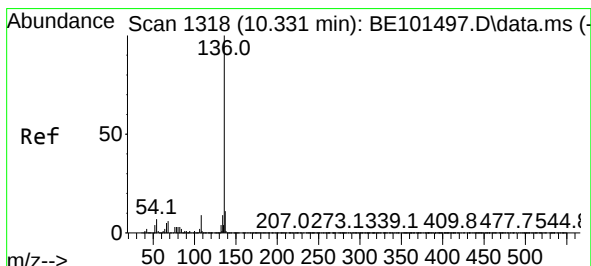
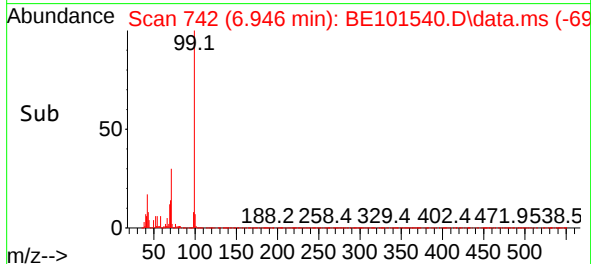
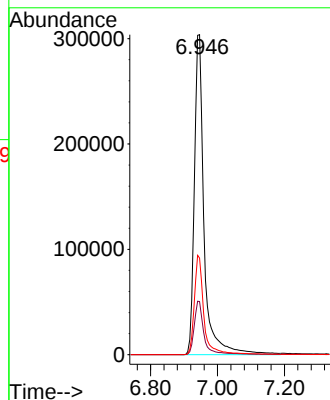
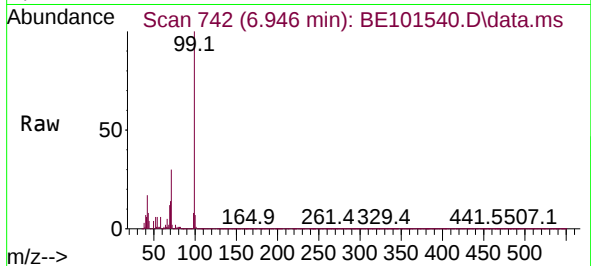
Tgt Ion: 99 Resp: 616703

Ion Ratio Lower Upper

99 100

42 16.6 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. -0.000 min

Lab File: BE101540.D

Acq: 7 Nov 2024 20:26

Tgt Ion:136 Resp: 214151

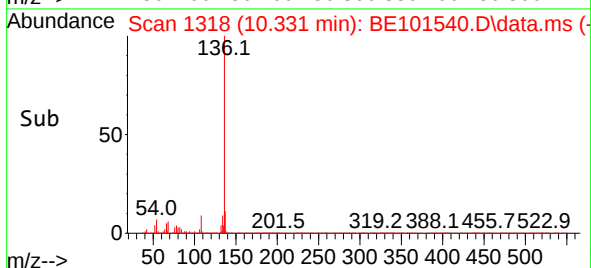
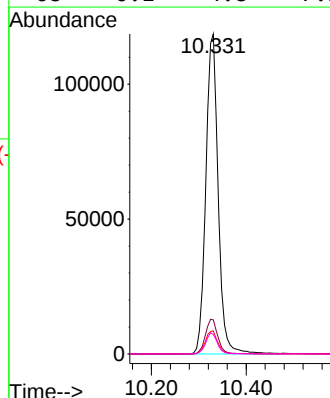
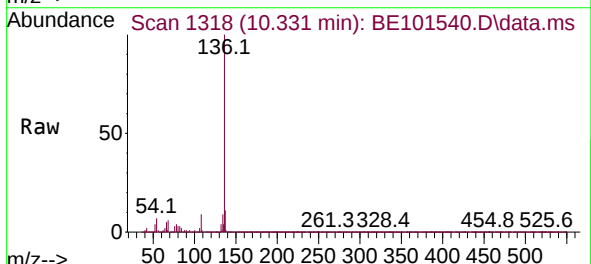
Ion Ratio Lower Upper

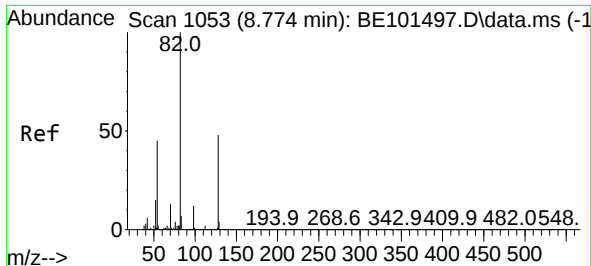
136 100

137 10.7 8.6 13.0

54 7.2 5.6 8.4

68 6.1 4.8 7.2

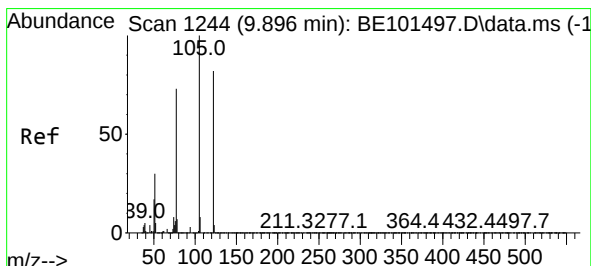
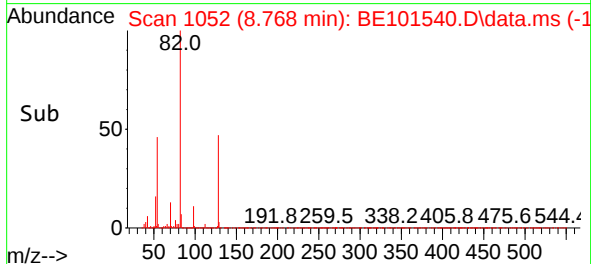
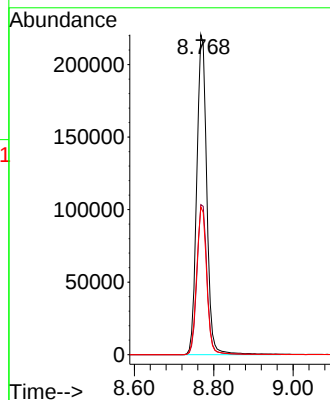
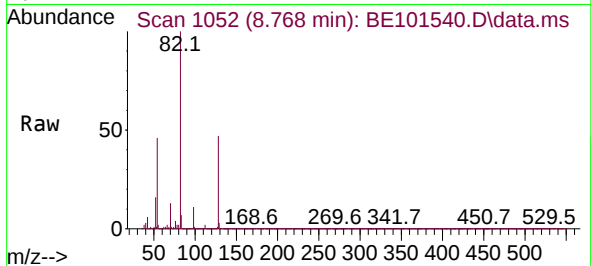




#23
Nitrobenzene-d5
Concen: 113.876 ng
RT: 8.768 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

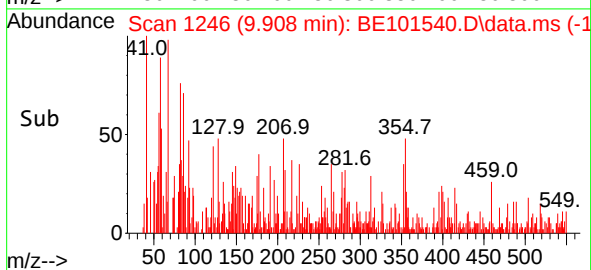
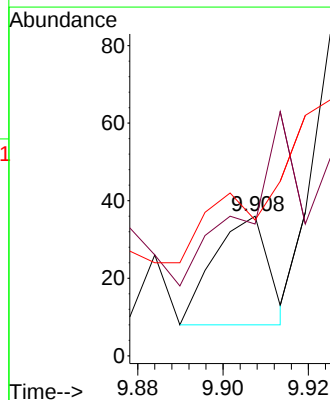
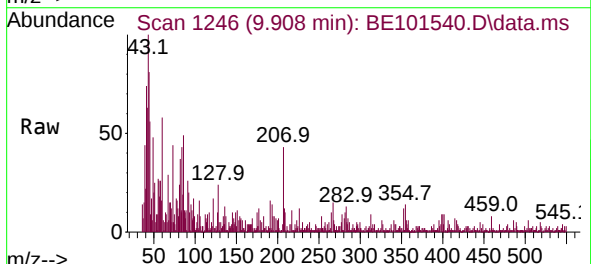
Instrument :
BNA_E
ClientSampleId :
JC-701-COMP-01

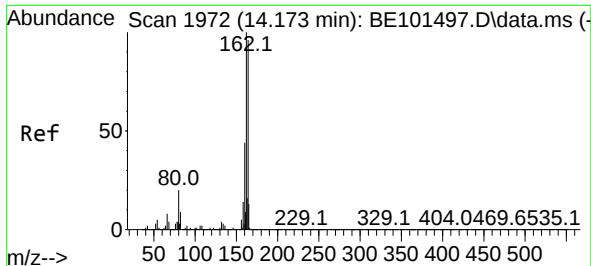
Tgt Ion: 82 Resp: 386078
Ion Ratio Lower Upper
82 100
128 46.9 38.6 58.0
54 46.2 36.3 54.5



#32
Benzoic acid
Concen: 6.844 ng
RT: 9.908 min Scan# 1246
Delta R.T. 0.012 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

Tgt Ion: 122 Resp: 25
Ion Ratio Lower Upper
122 100
105 94.4 100.6 140.6#
77 97.2 68.6 108.6

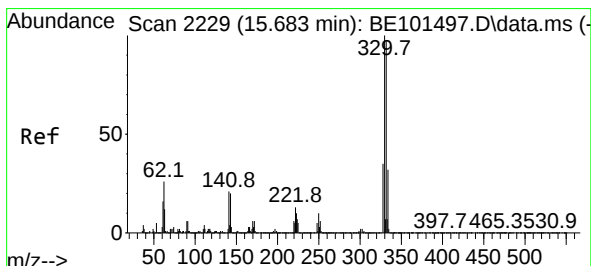
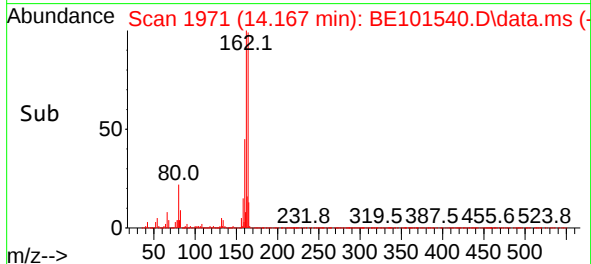
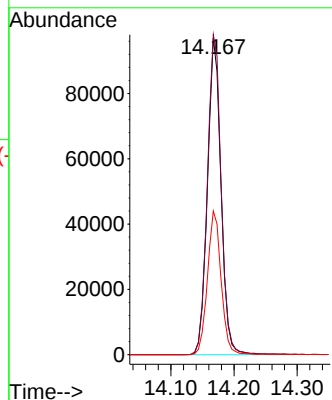
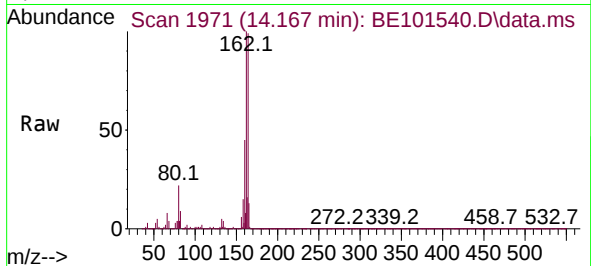




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.167 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

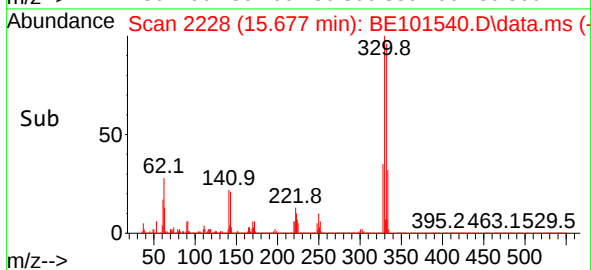
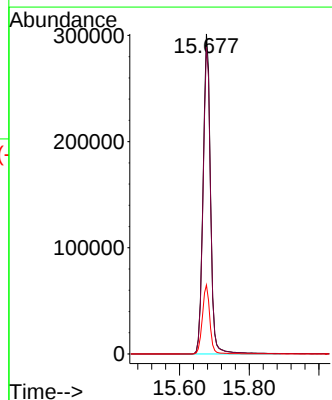
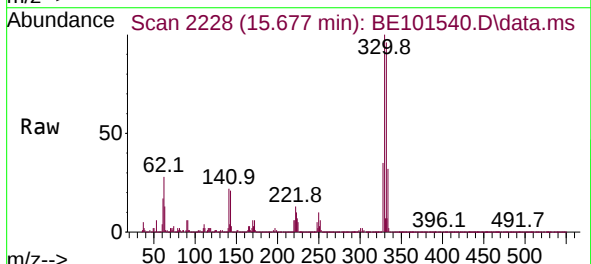
Instrument :
BNA_E
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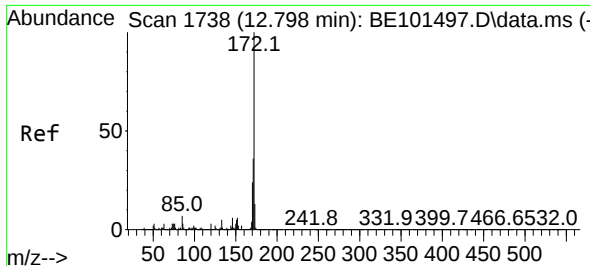
Tgt Ion:164 Resp: 143748
Ion Ratio Lower Upper
164 100
162 101.1 83.7 125.5
160 45.4 37.1 55.7



#42
2,4,6-Tribromophenol
Concen: 164.857 ng
RT: 15.677 min Scan# 2228
Delta R.T. -0.006 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

Tgt Ion:330 Resp: 445921
Ion Ratio Lower Upper
330 100
332 97.1 77.7 116.5
141 21.7 17.0 25.4

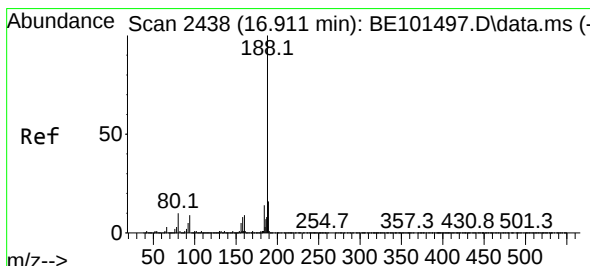
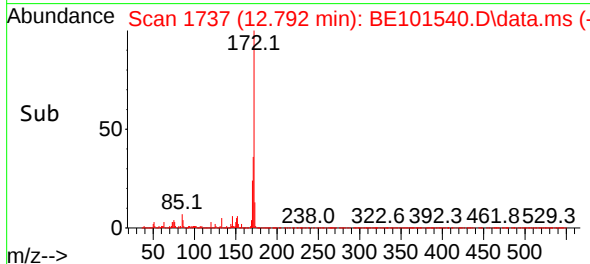
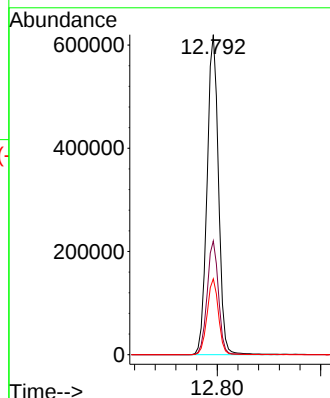
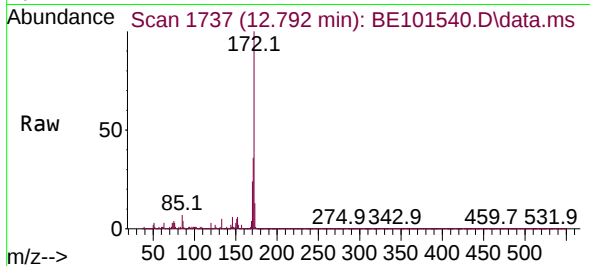




#45
2-Fluorobiphenyl
Concen: 107.609 ng
RT: 12.792 min Scan# 11
Delta R.T. -0.006 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

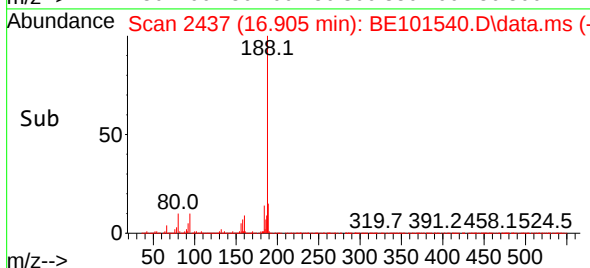
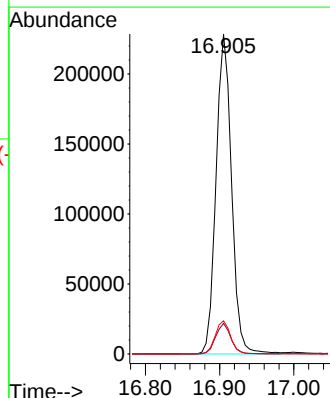
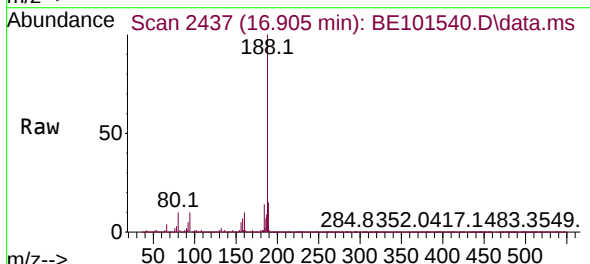
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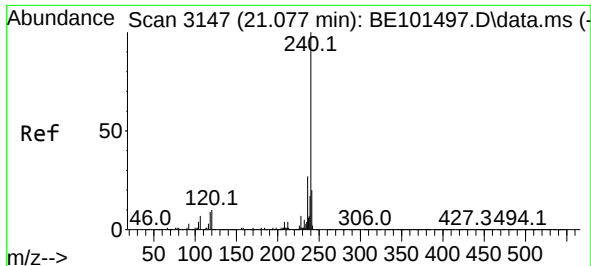
Tgt Ion:172 Resp: 947366
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.7 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.905 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

Tgt Ion:188 Resp: 331300
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.3 8.0 12.0

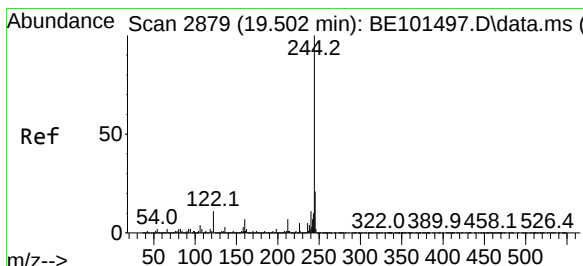
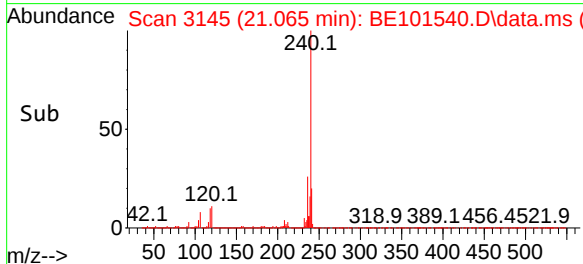
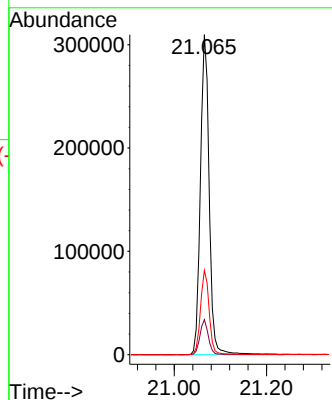
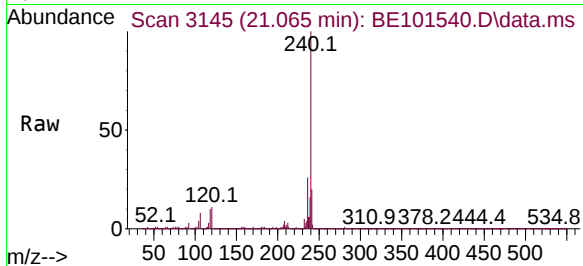




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3145
Delta R.T. -0.012 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

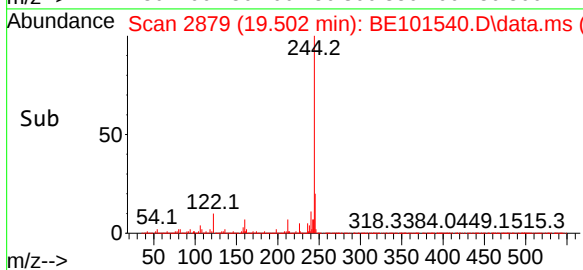
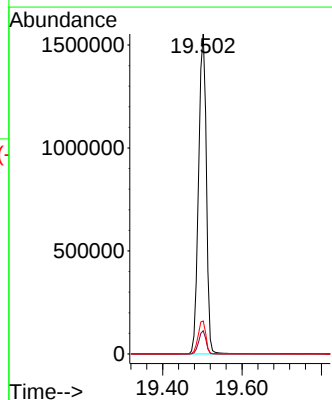
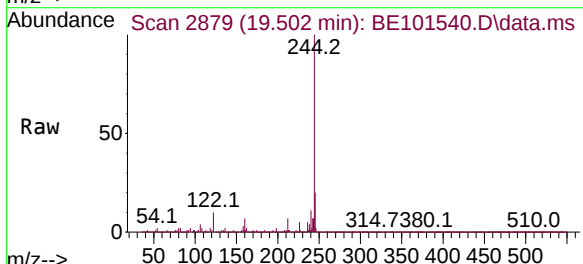
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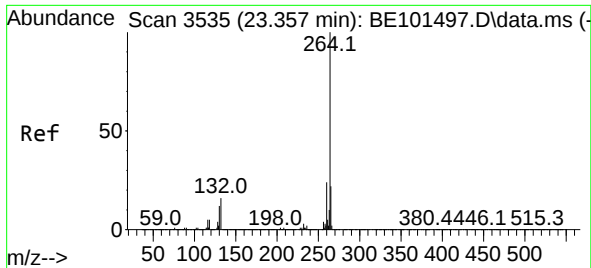
Tgt Ion:240 Resp: 408509
Ion Ratio Lower Upper
240 100
120 11.0 8.2 12.4
236 26.4 21.4 32.2



#79
Terphenyl-d14
Concen: 114.135 ng
RT: 19.502 min Scan# 2879
Delta R.T. -0.000 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

Tgt Ion:244 Resp: 2106338
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 10.3 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.351 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BE101540.D
 Acq: 7 Nov 2024 20:26

Instrument :
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Tgt Ion:264 Resp: 515447
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.9 17.4 26.2

