

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
 Data File : BE101433.D
 Acq On : 31 Oct 2024 15:14
 Operator : RC/JU
 Sample : P4578-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 WB-305-SW-1

Quant Time: Oct 31 20:36:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 29 01:26:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

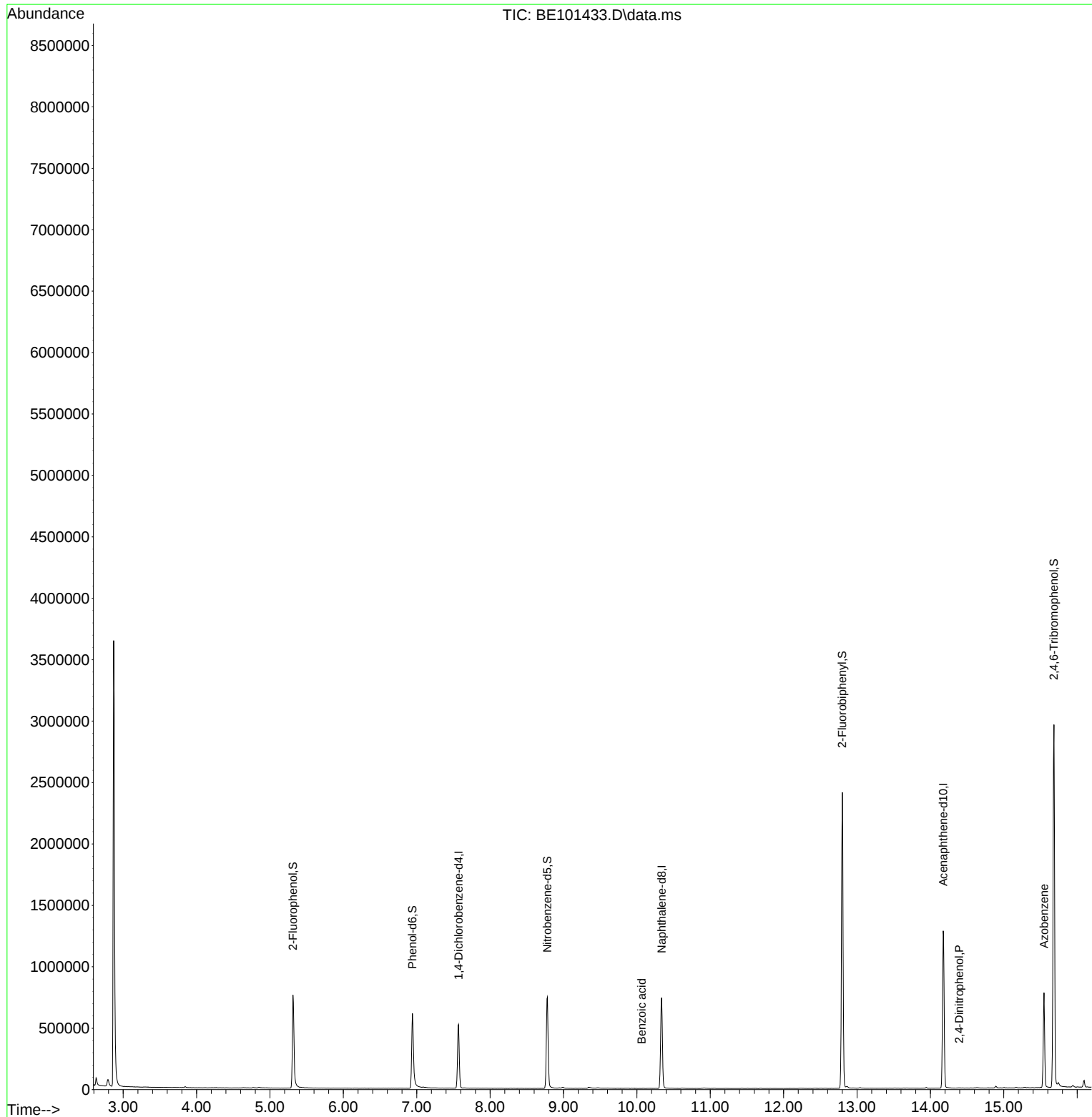
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.571	152	150057	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	662069	20.000	ng	0.00
39) Acenaphthene-d10	14.175	164	470146	20.000	ng	0.00
64) Phenanthrene-d10	16.913	188	1206173	20.000	ng	0.00
76) Chrysene-d12	21.072	240	1598005	20.000	ng	0.00
86) Perylene-d12	23.364	264	2061054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	383093	44.745	ng	0.00
7) Phenol-d6	6.942	99	429715	36.197	ng	0.00
23) Nitrobenzene-d5	8.781	82	456426	43.300	ng	0.00
42) 2,4,6-Tribromophenol	15.685	330	715545	86.836	ng	0.00
45) 2-Fluorobiphenyl	12.800	172	1268778	45.703	ng	0.00
79) Terphenyl-d14	19.509	244	3678322	52.978	ng	0.00
Target Compounds						
32) Benzoic acid	10.068	122	25	8.219	ng	96
54) 2,4-Dinitrophenol	14.392	184	36	5.623	ng	99
63) Azobenzene	15.549	77	204461	6.853	ng	# 1

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

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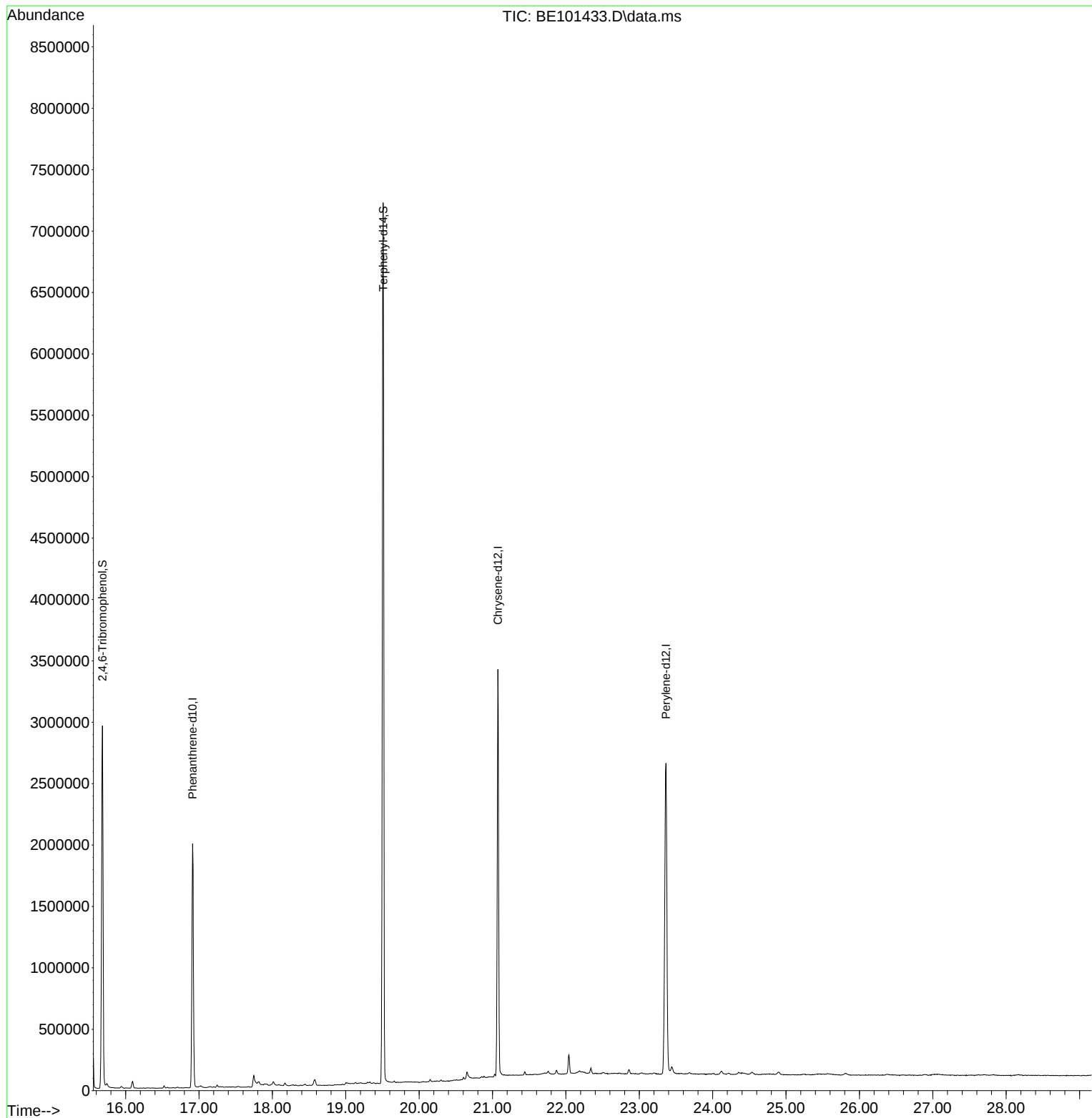
Quant Time: Oct 31 20:36:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
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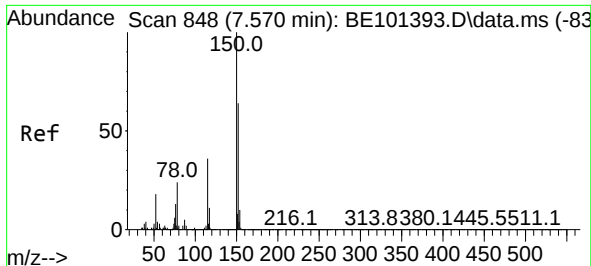


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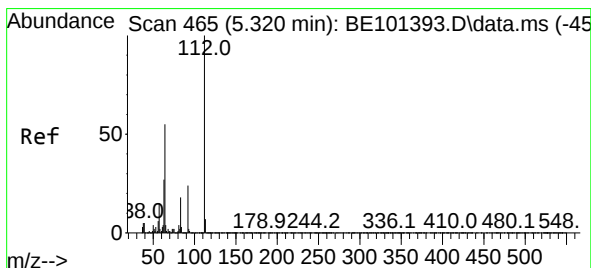
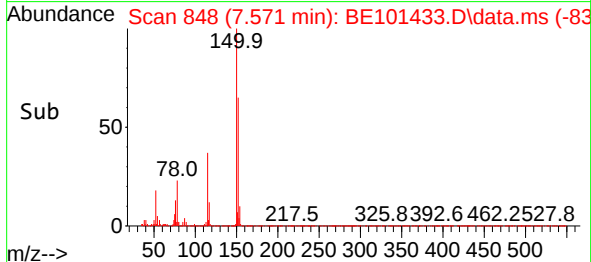
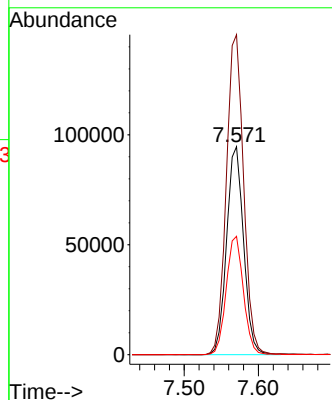
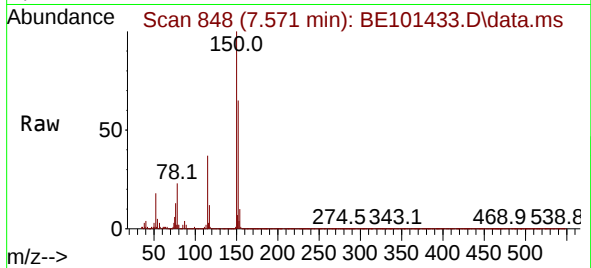




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.571 min Scan# 84
Delta R.T. 0.001 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

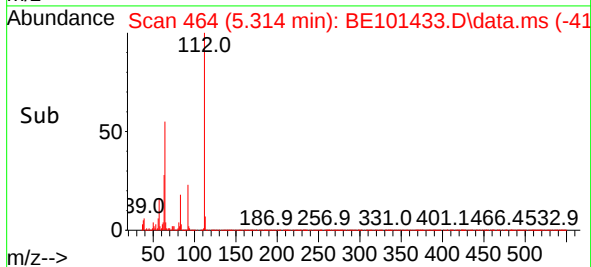
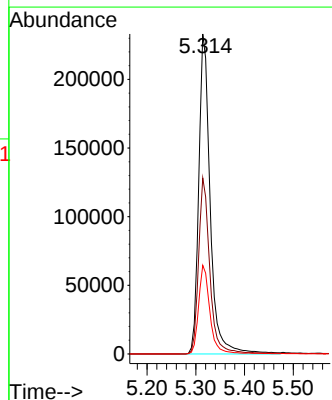
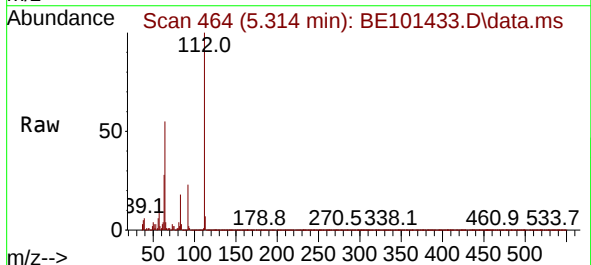
Instrument :
BNA_E
ClientSampleId :
WB-305-SW-1

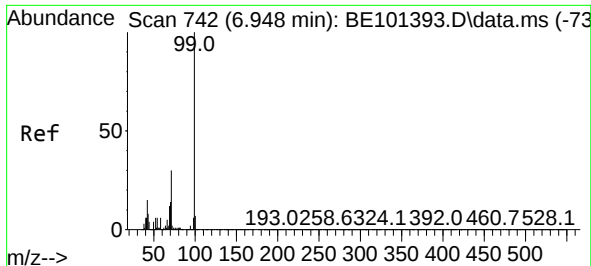
Tgt Ion:152 Resp: 150057
Ion Ratio Lower Upper
152 100
150 153.9 124.2 186.4
115 57.0 45.3 67.9



#5
2-Fluorophenol
Concen: 44.745 ng
RT: 5.314 min Scan# 464
Delta R.T. -0.006 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

Tgt Ion:112 Resp: 383093
Ion Ratio Lower Upper
112 100
64 55.0 43.7 65.5
63 27.7 21.4 32.2

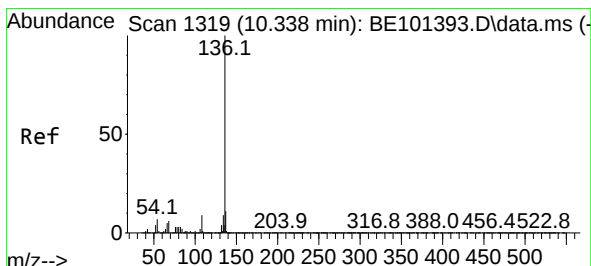
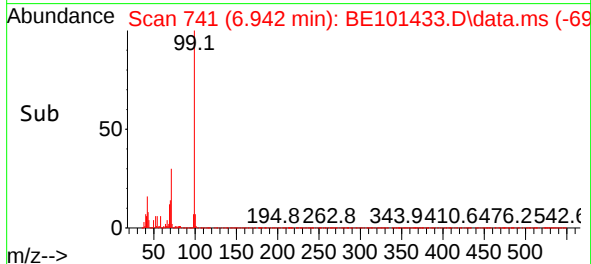
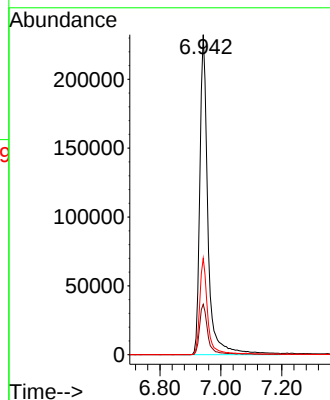
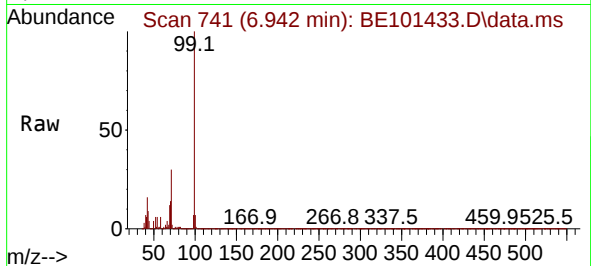




#7
Phenol-d6
Concen: 36.197 ng
RT: 6.942 min Scan# 741
Delta R.T. -0.006 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

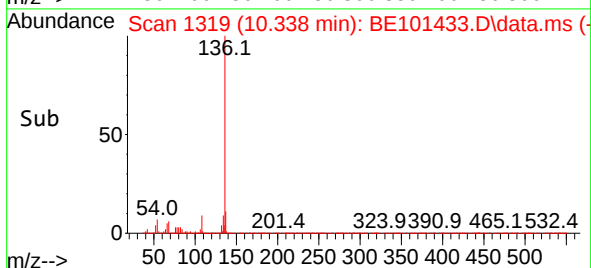
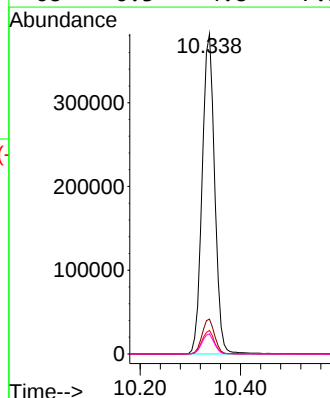
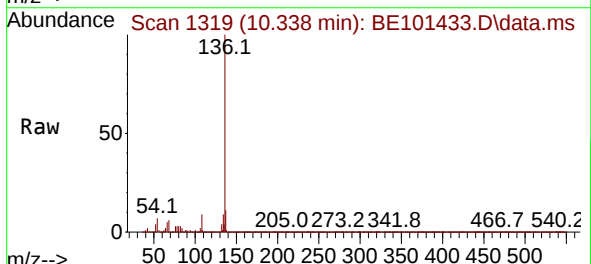
Instrument :
BNA_E
ClientSampleId :
WB-305-SW-1

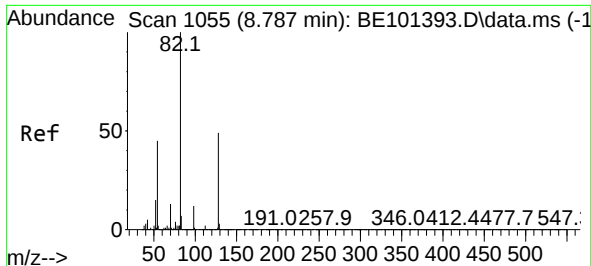
Tgt Ion: 99 Resp: 429715
Ion Ratio Lower Upper
99 100
42 15.7 12.3 18.5
71 30.1 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.338 min Scan# 1319
Delta R.T. 0.000 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

Tgt Ion:136 Resp: 662069
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.3 5.9 8.9
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 43.300 ng

RT: 8.781 min Scan# 1

Delta R.T. -0.006 min

Lab File: BE101433.D

Acq: 31 Oct 2024 15:14

Instrument :

BNA_E

ClientSampleId :

WB-305-SW-1

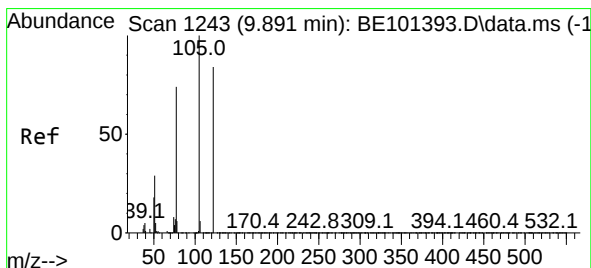
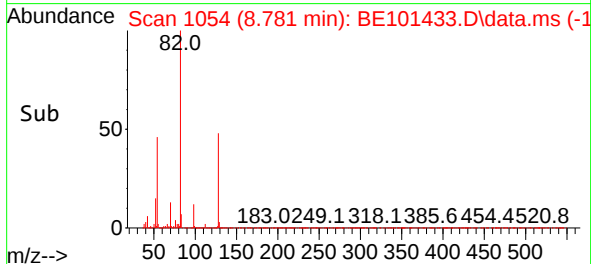
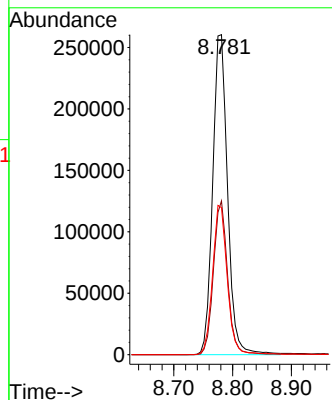
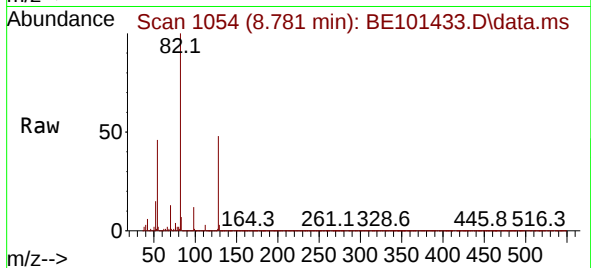
Tgt Ion: 82 Resp: 456426

Ion Ratio Lower Upper

82 100

128 48.1 38.9 58.3

54 46.0 36.2 54.4



#32

Benzoic acid

Concen: 8.219 ng

RT: 10.068 min Scan# 1273

Delta R.T. 0.177 min

Lab File: BE101433.D

Acq: 31 Oct 2024 15:14

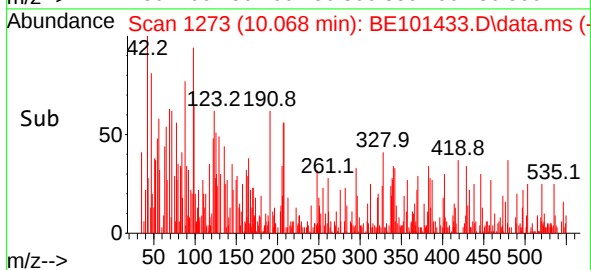
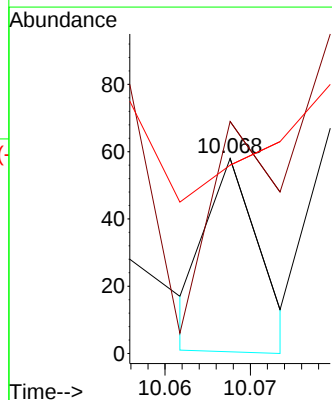
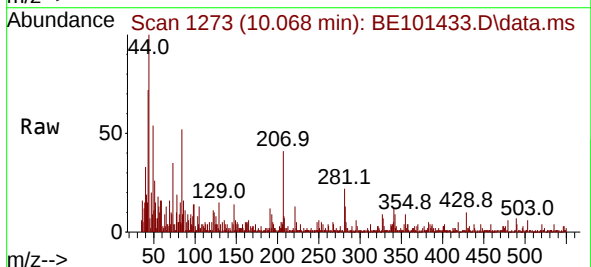
Tgt Ion:122 Resp: 25

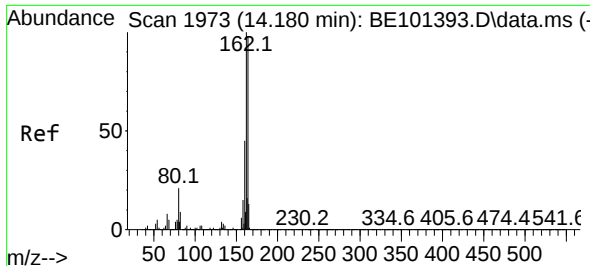
Ion Ratio Lower Upper

122 100

105 119.0 97.9 137.9

77 96.6 68.1 108.1

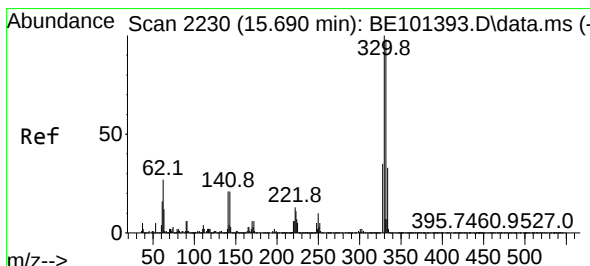
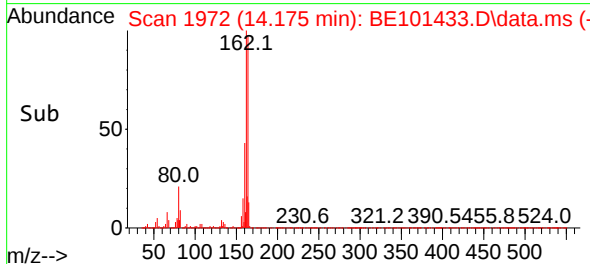
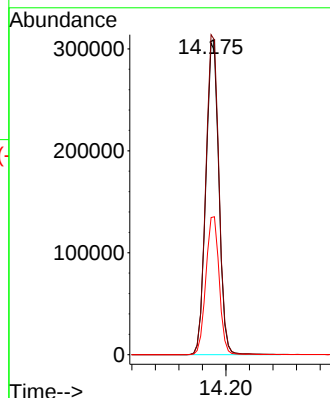
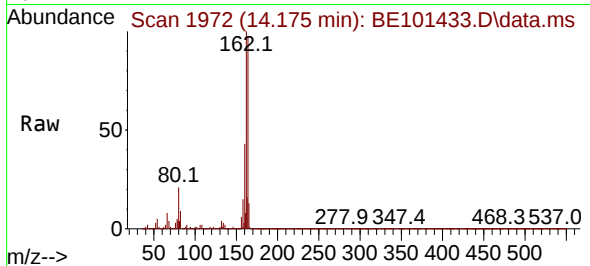




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.175 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

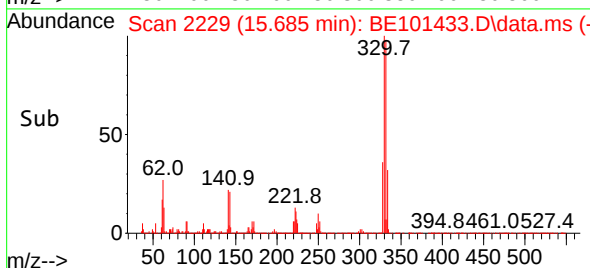
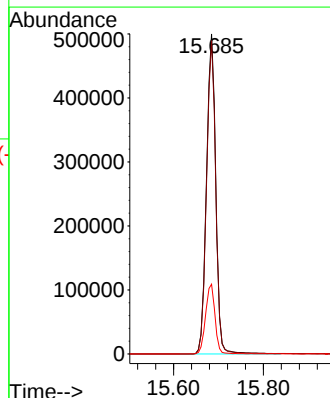
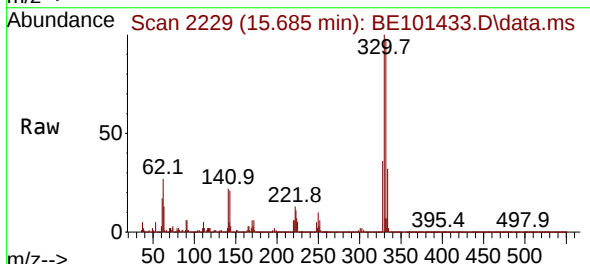
Instrument :
BNA_E
ClientSampleId :
WB-305-SW-1

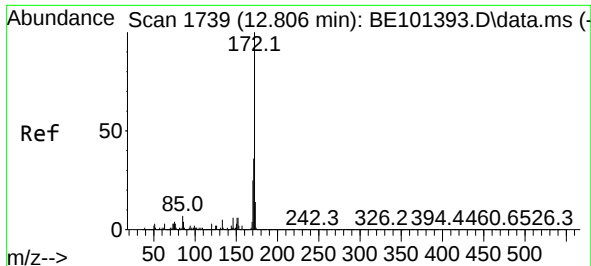
Tgt Ion:164 Resp: 470146
Ion Ratio Lower Upper
164 100
162 102.7 81.3 121.9
160 44.0 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 86.836 ng
RT: 15.685 min Scan# 2229
Delta R.T. -0.006 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

Tgt Ion:330 Resp: 715545
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.2
141 22.3 18.3 27.5

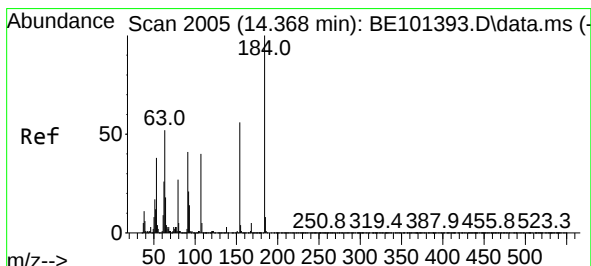
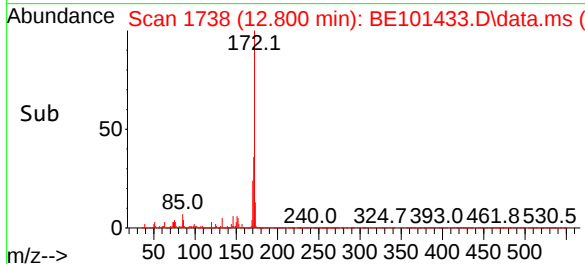
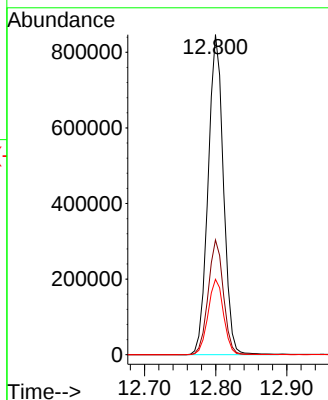
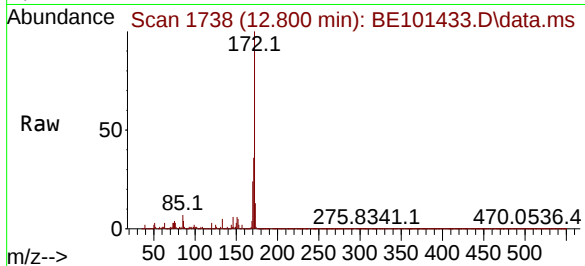




#45
2-Fluorobiphenyl
Concen: 45.703 ng
RT: 12.800 min Scan# 1
Delta R.T. -0.006 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

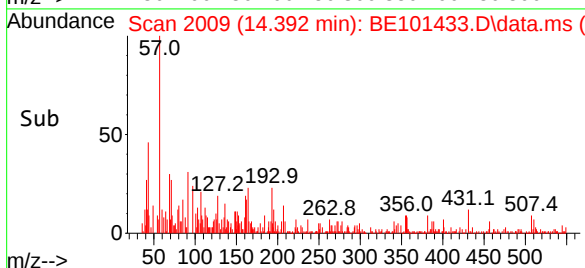
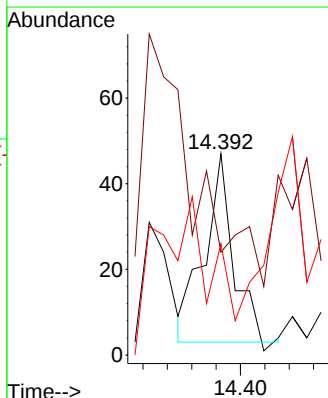
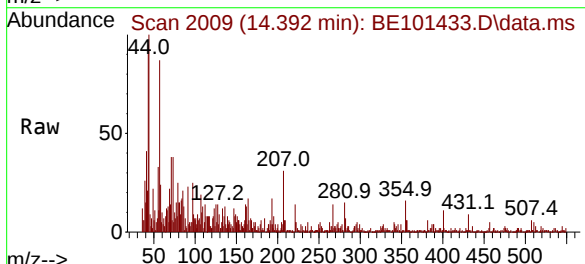
Instrument :
BNA_E
ClientSampleId :
WB-305-SW-1

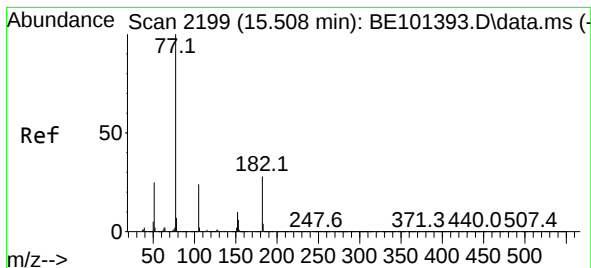
Tgt Ion:172 Resp: 1268778
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 23.6 19.8 29.6



#54
2,4-Dinitrophenol
Concen: 5.623 ng
RT: 14.392 min Scan# 2009
Delta R.T. 0.024 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

Tgt Ion:184 Resp: 36
Ion Ratio Lower Upper
184 100
63 51.1 41.8 62.6
154 55.3 44.9 67.3





#63

Azobenzene

Concen: 6.853 ng

RT: 15.549 min Scan# 2199

Delta R.T. 0.041 min

Lab File: BE101433.D

Acq: 31 Oct 2024 15:14

Instrument :

BNA_E

ClientSampleId :

WB-305-SW-1

Tgt Ion: 77 Resp: 204461

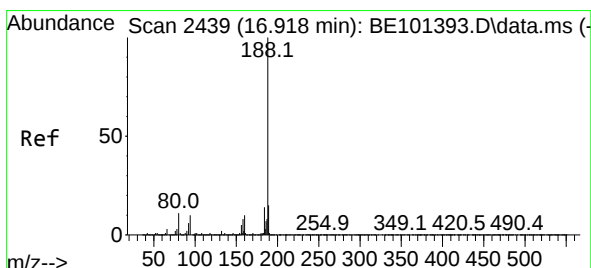
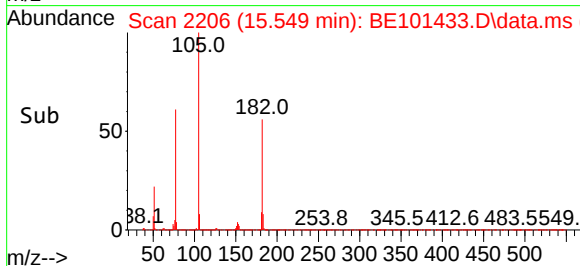
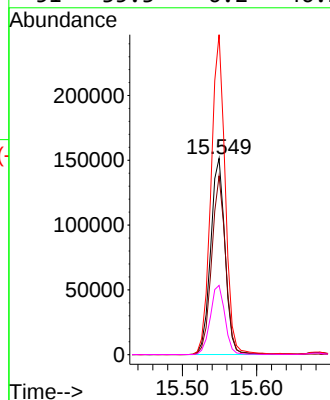
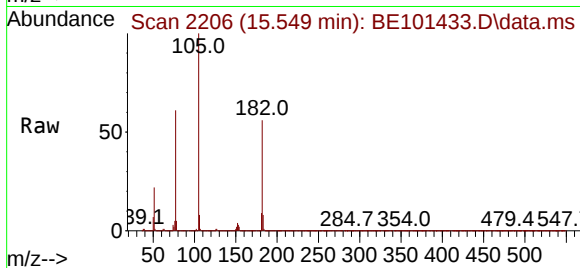
Ion Ratio Lower Upper

77 100

182 91.1 7.6 47.6#

105 163.0 3.2 43.2#

51 35.3 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.913 min Scan# 2438

Delta R.T. -0.006 min

Lab File: BE101433.D

Acq: 31 Oct 2024 15:14

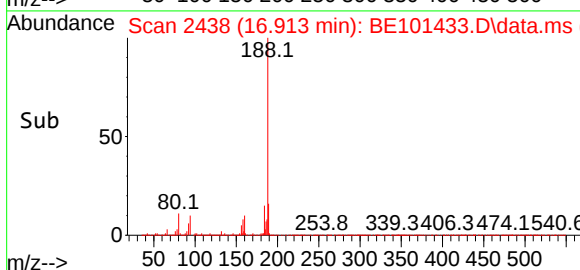
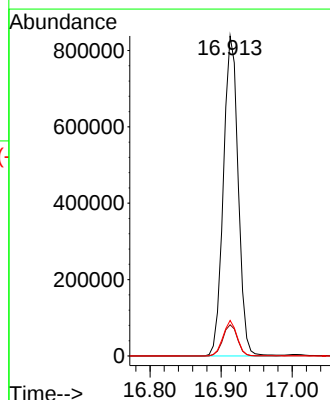
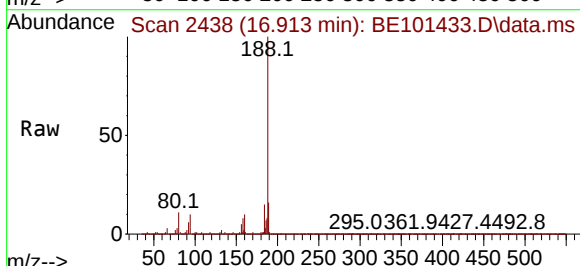
Tgt Ion:188 Resp: 1206173

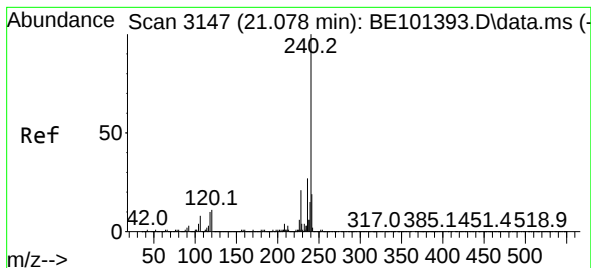
Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.8

80 11.1 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.072 min Scan# 31

Delta R.T. -0.006 min

Lab File: BE101433.D

Acq: 31 Oct 2024 15:14

Instrument :

BNA_E

ClientSampleId :

WB-305-SW-1

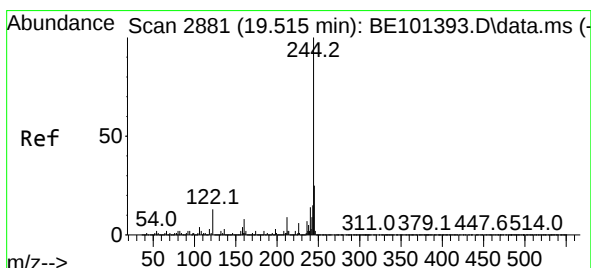
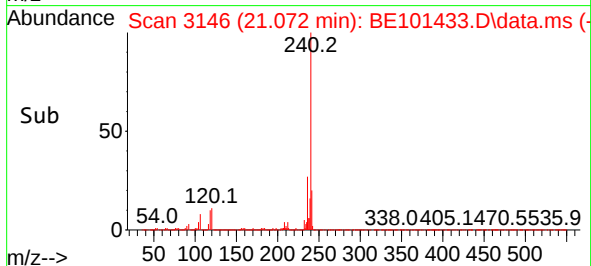
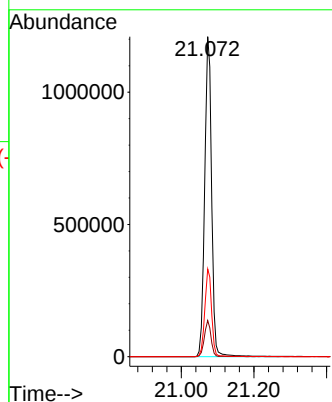
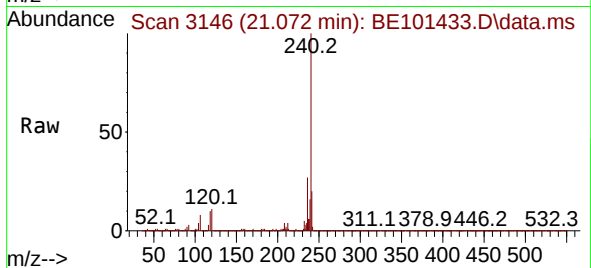
Tgt Ion:240 Resp: 1598005

Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.4

236 27.4 21.4 32.0



#79

Terphenyl-d14

Concen: 52.978 ng

RT: 19.509 min Scan# 2880

Delta R.T. -0.006 min

Lab File: BE101433.D

Acq: 31 Oct 2024 15:14

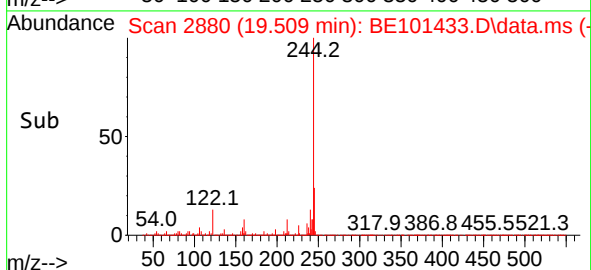
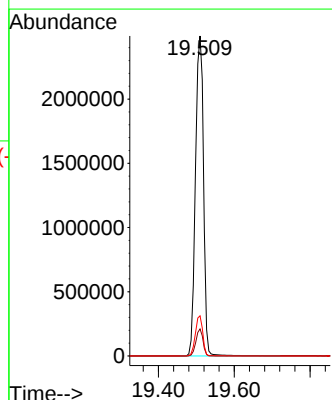
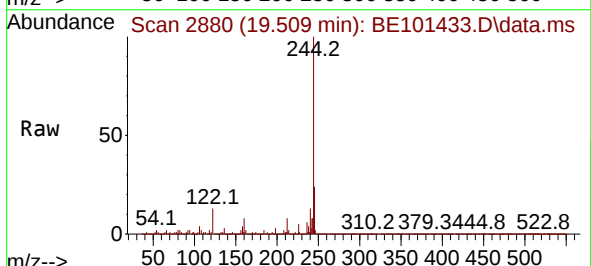
Tgt Ion:244 Resp: 3678322

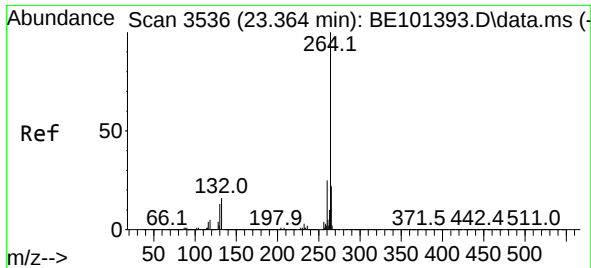
Ion Ratio Lower Upper

244 100

212 8.5 7.2 10.8

122 12.6 10.4 15.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.364 min Scan# 31
Delta R.T. 0.000 min
Lab File: BE101433.D
Acq: 31 Oct 2024 15:14

Instrument :
BNA_E
ClientSampleId :
WB-305-SW-1

Tgt Ion:264 Resp: 2061054

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.8	29.8
265	22.2	17.6	26.4

