

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
 Data File : BE101479.D
 Acq On : 5 Nov 2024 15:08
 Operator : RC/JU
 Sample : P4667-05RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 05 14:59:34 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)

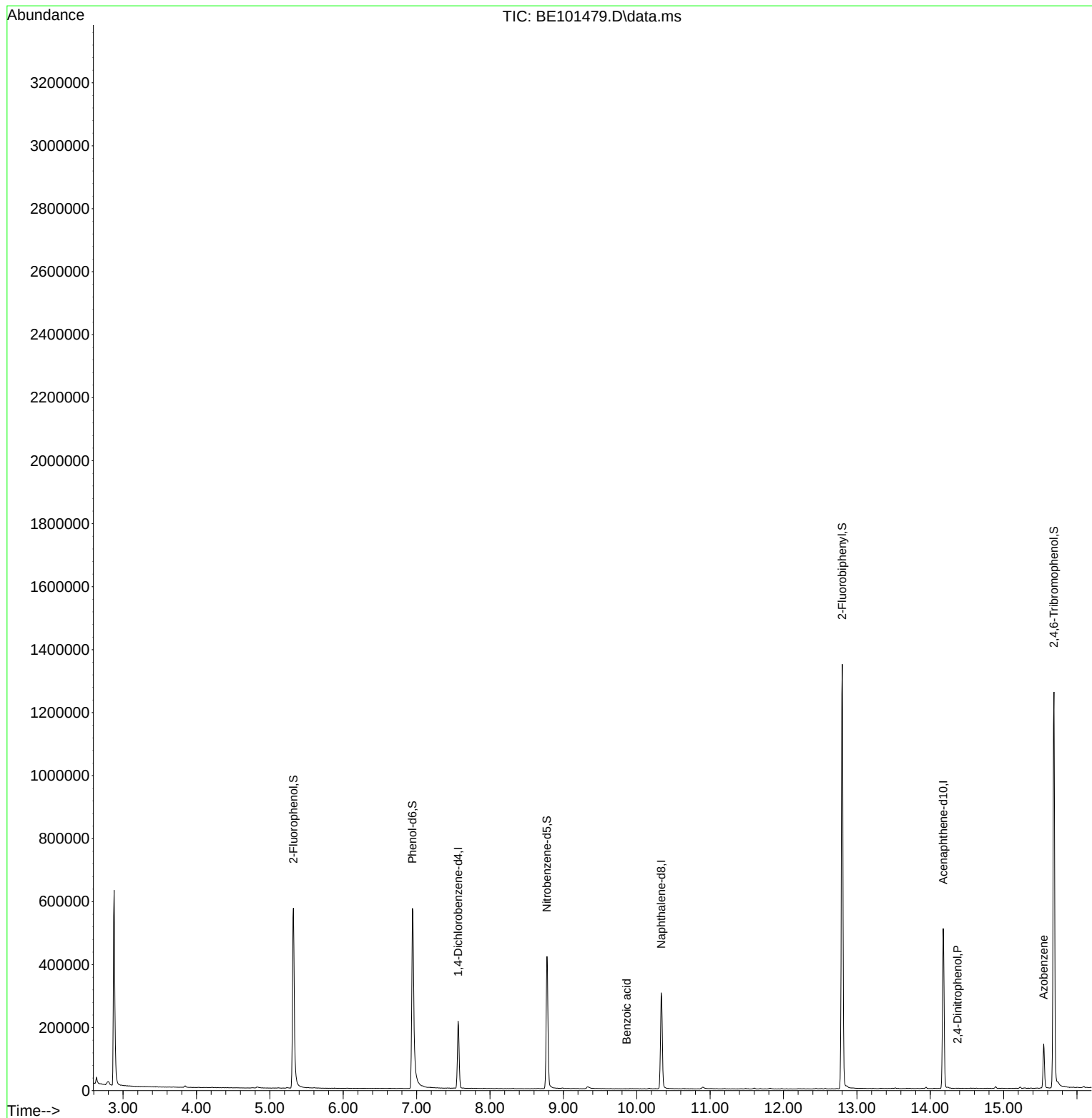
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	60898	20.000	ng	0.00
21) Naphthalene-d8	10.333	136	275355	20.000	ng	0.00
39) Acenaphthene-d10	14.176	164	187132	20.000	ng	0.00
64) Phenanthrene-d10	16.914	188	423948	20.000	ng	0.00
76) Chrysene-d12	21.074	240	455602	20.000	ng	0.00
86) Perylene-d12	23.365	264	586938	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	316128	90.983	ng	0.00
7) Phenol-d6	6.943	99	466032	96.730	ng	0.00
23) Nitrobenzene-d5	8.776	82	255620	58.308	ng	-0.01
42) 2,4,6-Tribromophenol	15.686	330	321139	97.914	ng	0.00
45) 2-Fluorobiphenyl	12.801	172	747570	67.655	ng	0.00
79) Terphenyl-d14	19.505	244	1406572	71.055	ng	0.00
Target Compounds						
32) Benzoic acid	9.863	122	11	8.219	ng	Qvalue 94
54) 2,4-Dinitrophenol	14.370	184	9	5.621	ng	# 63
63) Azobenzene	15.545	77	39287	3.308	ng	# 1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
Data File : BE101479.D
Acq On : 5 Nov 2024 15:08
Operator : RC/JU
Sample : P4667-05RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

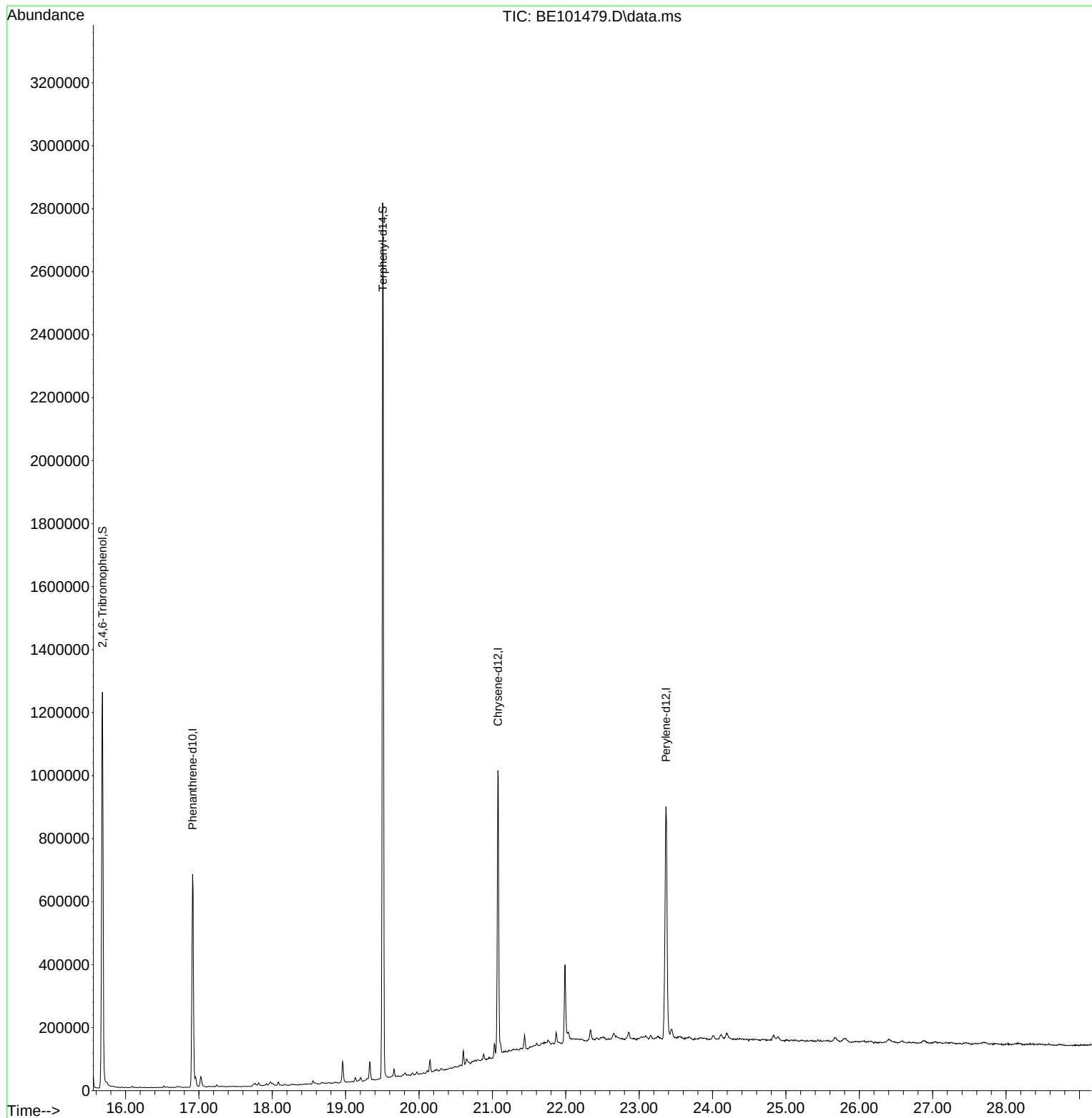
Quant Time: Nov 05 14:59:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

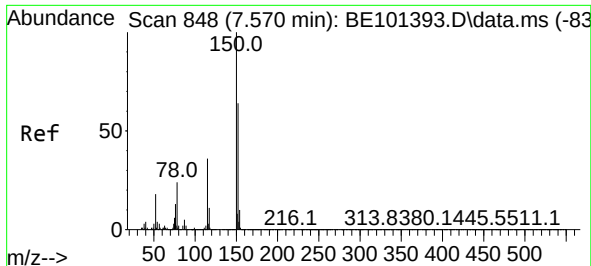


Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
Data File : BE101479.D
Acq On : 5 Nov 2024 15:08
Operator : RC/JU
Sample : P4667-05RE
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 05 14:59:34 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

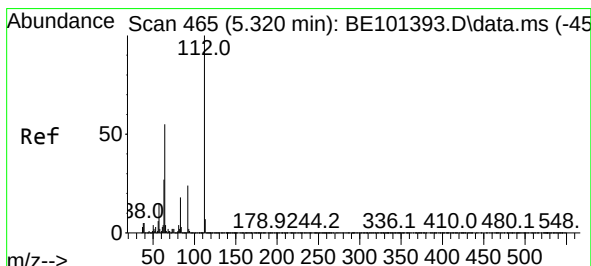
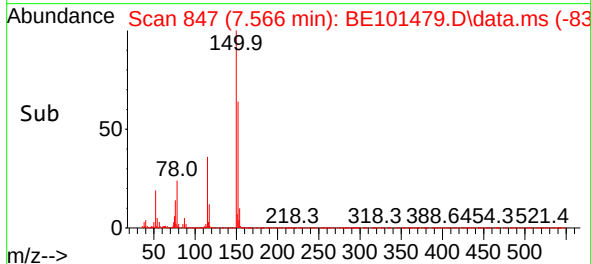
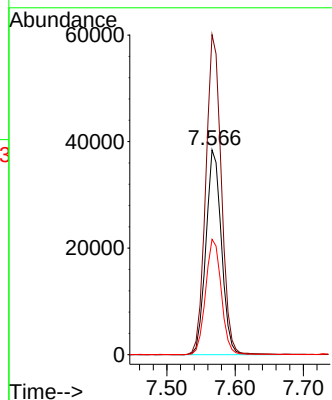
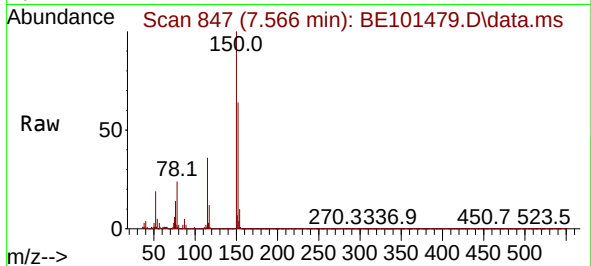




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.566 min Scan# 848
Delta R.T. -0.004 min
Lab File: BE101479.D
Acq: 5 Nov 2024 15:08

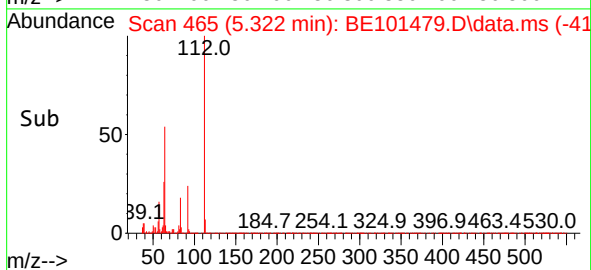
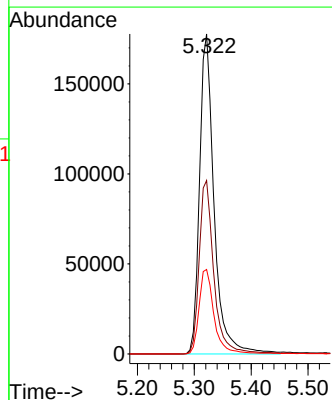
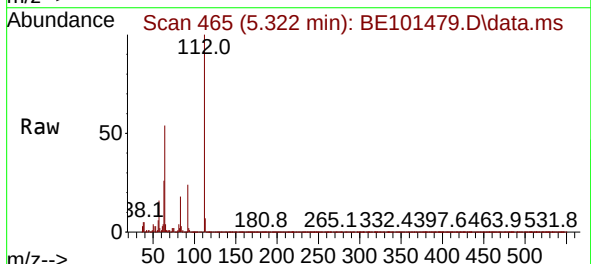
Instrument :
BNA_E
ClientSampleId :

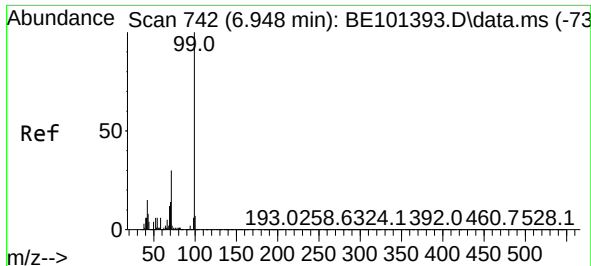
Tgt Ion:152 Resp: 60898
Ion Ratio Lower Upper
152 100
150 156.3 124.2 186.4
115 56.3 45.3 67.9



#5
2-Fluorophenol
Concen: 90.983 ng
RT: 5.322 min Scan# 465
Delta R.T. 0.001 min
Lab File: BE101479.D
Acq: 5 Nov 2024 15:08

Tgt Ion:112 Resp: 316128
Ion Ratio Lower Upper
112 100
64 54.2 43.7 65.5
63 26.4 21.4 32.2

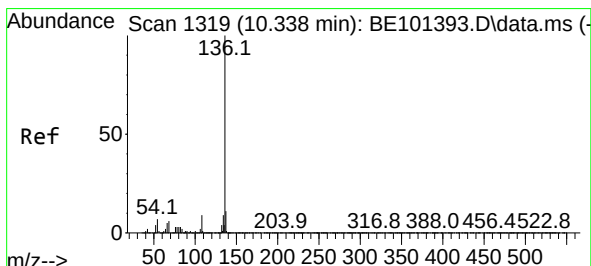
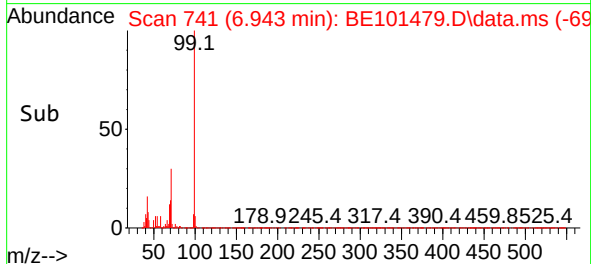
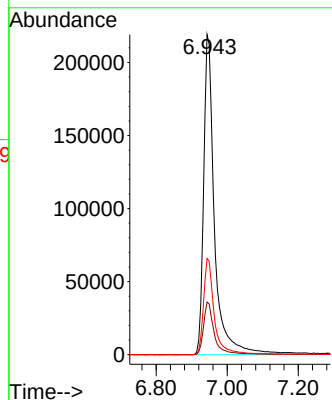
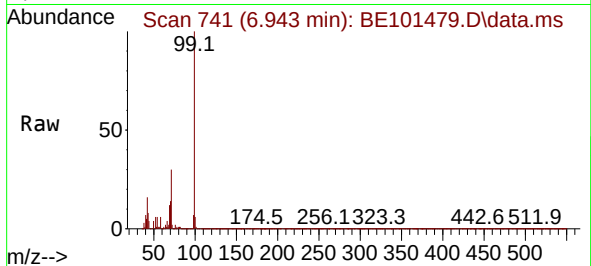




#7
Phenol-d6
Concen: 96.730 ng
RT: 6.943 min Scan# 741
Delta R.T. -0.004 min
Lab File: BE101479.D
Acq: 5 Nov 2024 15:08

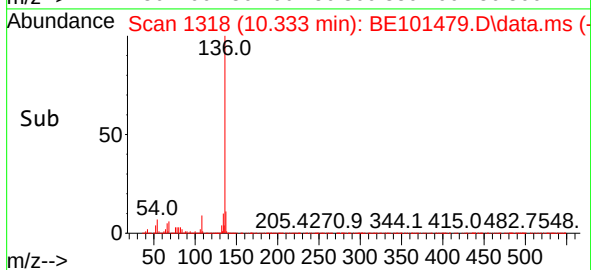
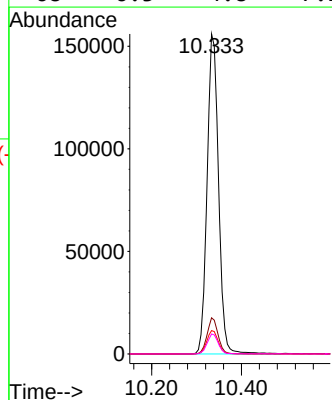
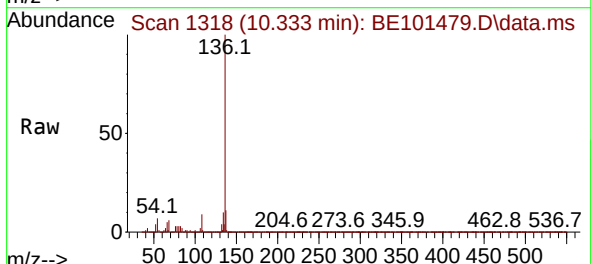
Instrument :
BNA_E
ClientSampleId :

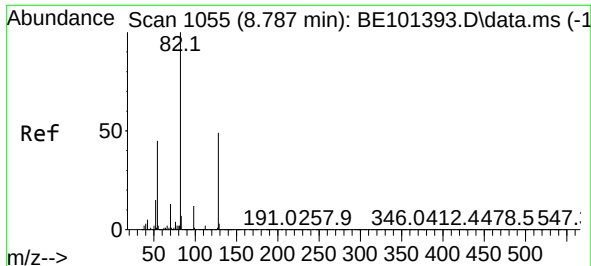
Tgt Ion: 99 Resp: 466032
Ion Ratio Lower Upper
99 100
42 16.5 12.3 18.5
71 30.0 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.333 min Scan# 1318
Delta R.T. -0.004 min
Lab File: BE101479.D
Acq: 5 Nov 2024 15:08

Tgt Ion:136 Resp: 275355
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.6
54 7.3 5.9 8.9
68 6.3 4.8 7.2

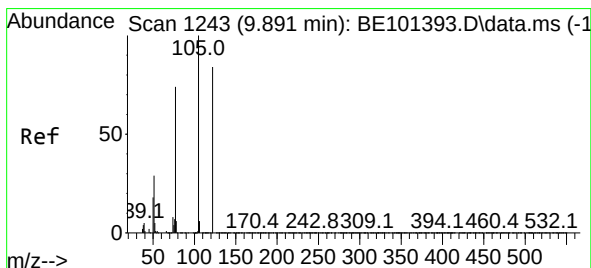
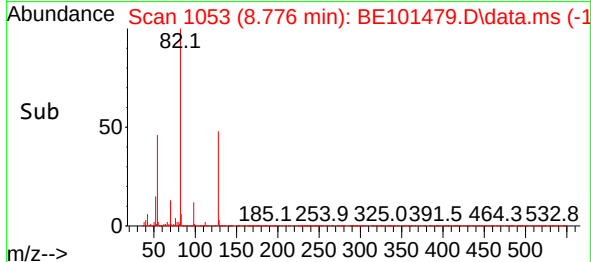
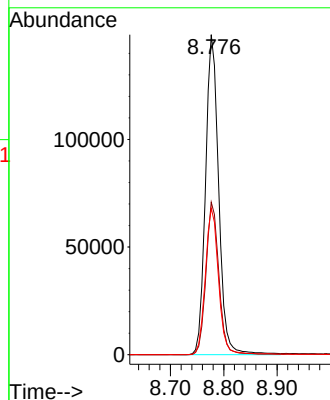
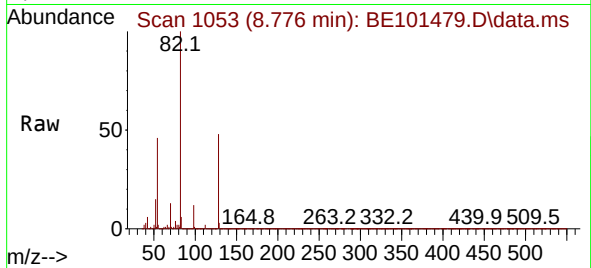




#23
Nitrobenzene-d5
Concen: 58.308 ng
RT: 8.776 min Scan# 1053
Delta R.T. -0.010 min
Lab File: BE101479.D
Acq: 5 Nov 2024 15:08

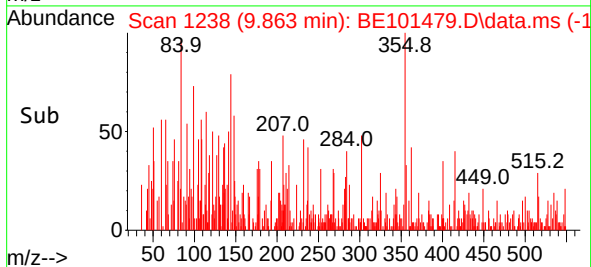
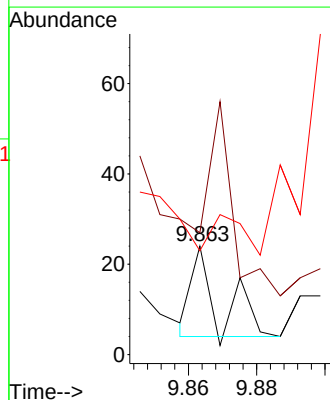
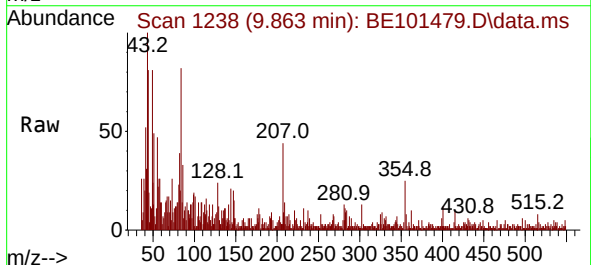
Instrument :
BNA_E
ClientSampleId :

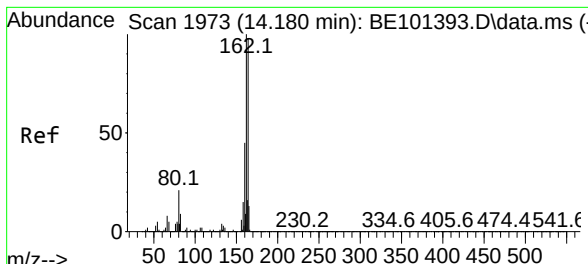
Tgt Ion: 82 Resp: 255620
Ion Ratio Lower Upper
82 100
128 47.7 38.9 58.3
54 45.8 36.2 54.4



#32
Benzoic acid
Concen: 8.219 ng
RT: 9.863 min Scan# 1238
Delta R.T. -0.028 min
Lab File: BE101479.D
Acq: 5 Nov 2024 15:08

Tgt Ion:122 Resp: 11
Ion Ratio Lower Upper
122 100
105 112.5 97.9 137.9
77 95.8 68.1 108.1



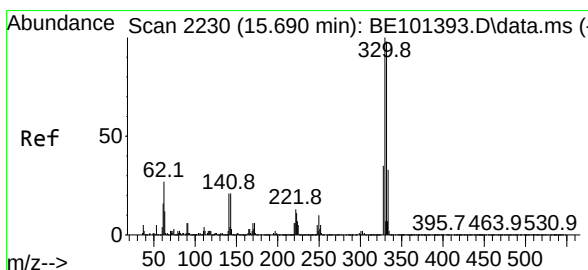
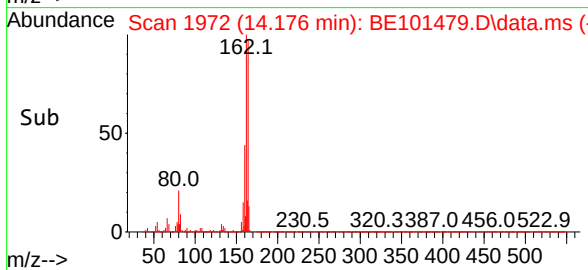
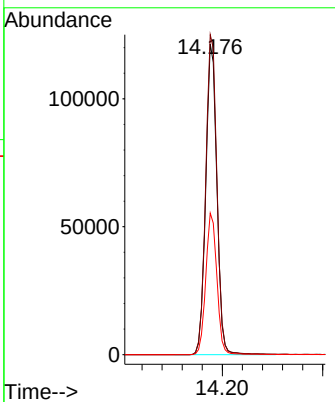
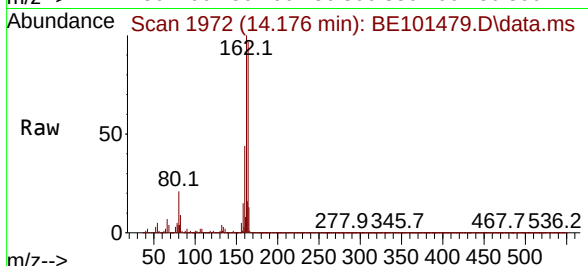


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.176 min Scan# 1973
 Delta R.T. -0.004 min
 Lab File: BE101479.D
 Acq: 5 Nov 2024 15:08

Instrument :
 BNA_E
 ClientSampleId :

Tgt Ion:164 Resp: 187132

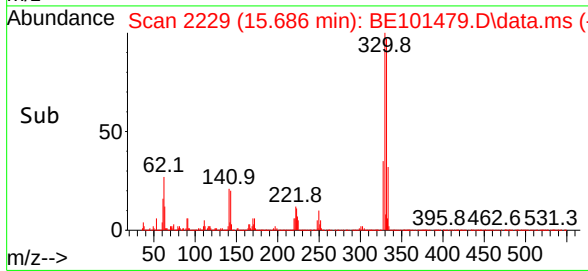
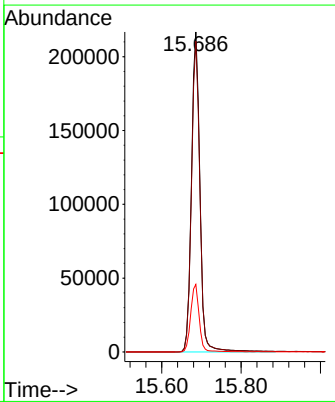
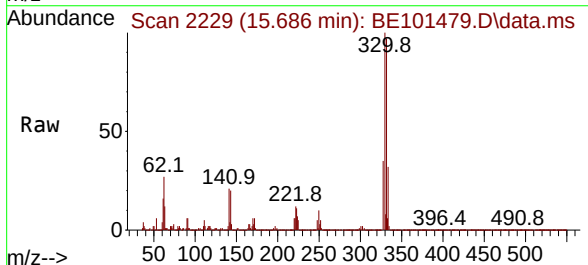
Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.3	121.9
160	45.6	36.4	54.6

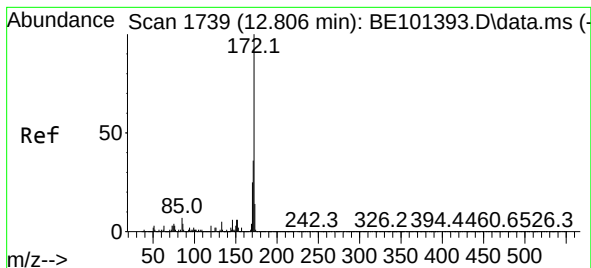


#42
 2,4,6-Tribromophenol
 Concen: 97.914 ng
 RT: 15.686 min Scan# 2229
 Delta R.T. -0.004 min
 Lab File: BE101479.D
 Acq: 5 Nov 2024 15:08

Tgt Ion:330 Resp: 321139

Ion	Ratio	Lower	Upper
330	100		
332	96.1	78.2	117.2
141	21.2	18.3	27.5





#45

2-Fluorobiphenyl

Concen: 67.655 ng

RT: 12.801 min Scan# 1

Delta R.T. -0.004 min

Lab File: BE101479.D

Acq: 5 Nov 2024 15:08

Instrument :

BNA_E

ClientSampleId :

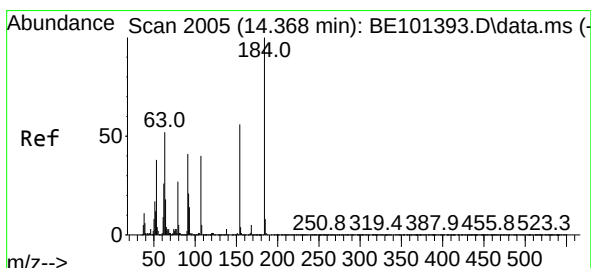
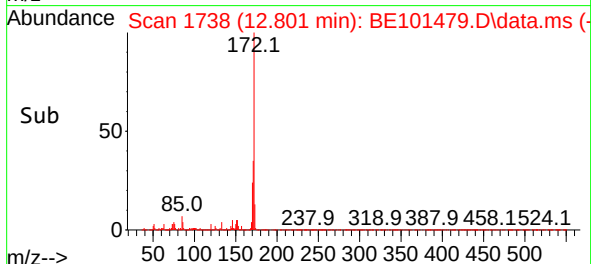
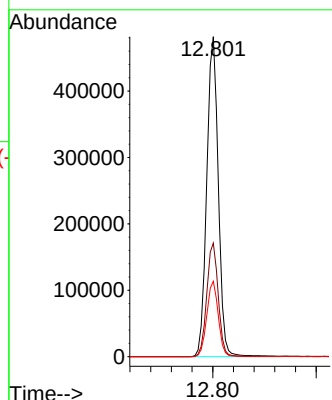
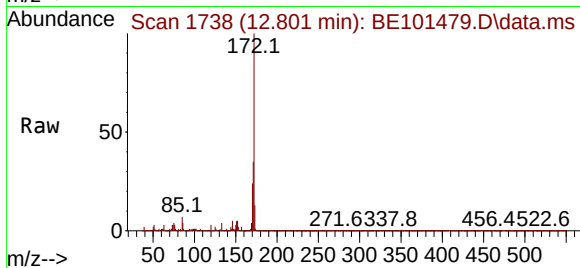
Tgt Ion:172 Resp: 747570

Ion Ratio Lower Upper

172 100

171 35.5 29.2 43.8

170 23.5 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.621 ng

RT: 14.370 min Scan# 2005

Delta R.T. 0.002 min

Lab File: BE101479.D

Acq: 5 Nov 2024 15:08

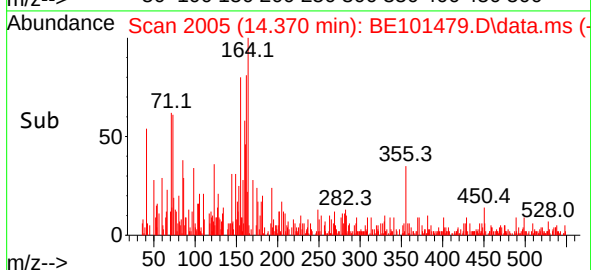
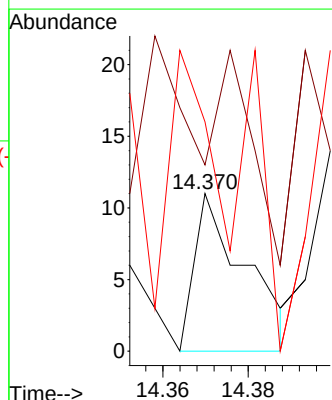
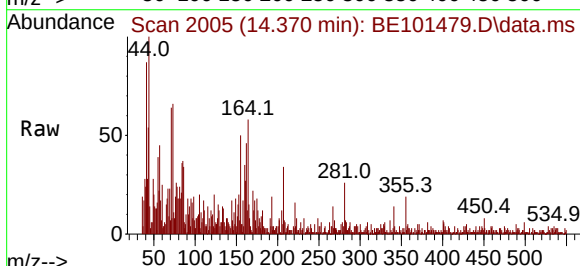
Tgt Ion:184 Resp: 9

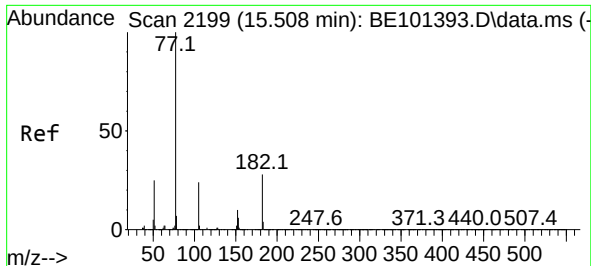
Ion Ratio Lower Upper

184 100

63 72.2 41.8 62.6#

154 88.9 44.9 67.3#

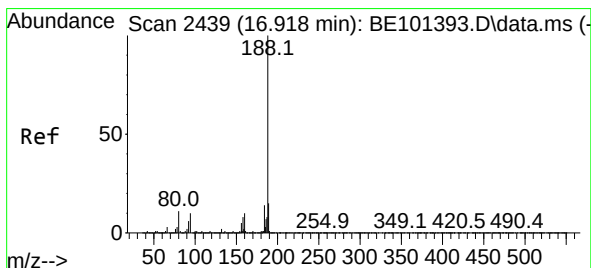
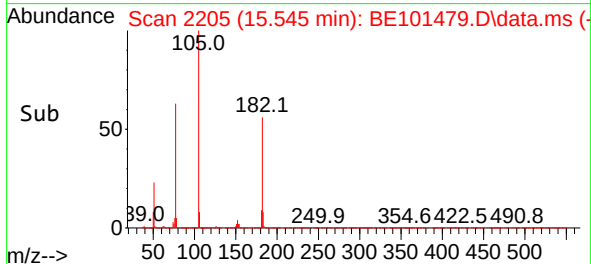
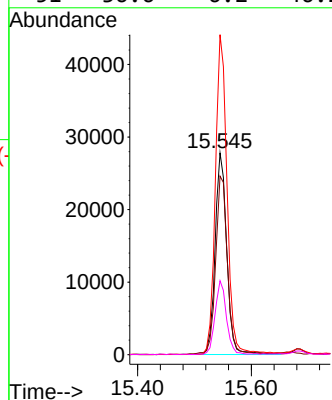
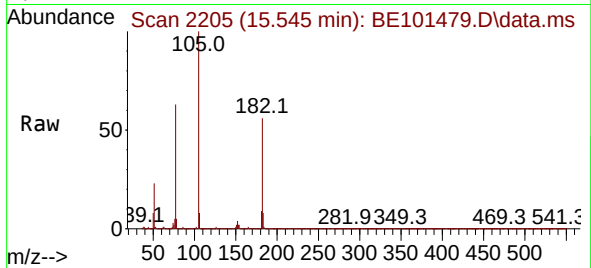




#63
Azobenzene
Concen: 3.308 ng
RT: 15.545 min Scan# 2199
Delta R.T. 0.037 min
Lab File: BE101479.D
Acq: 5 Nov 2024 15:08

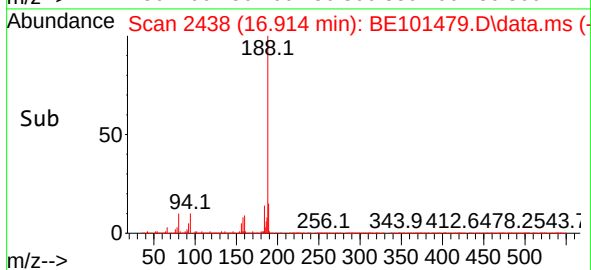
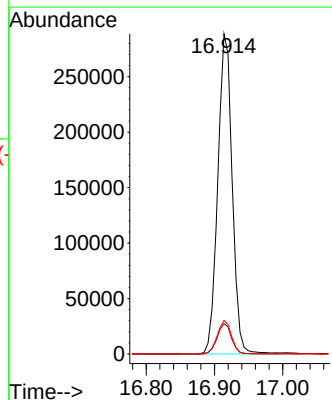
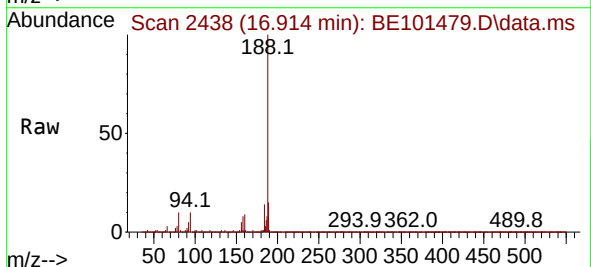
Instrument :
BNA_E
ClientSampleId :

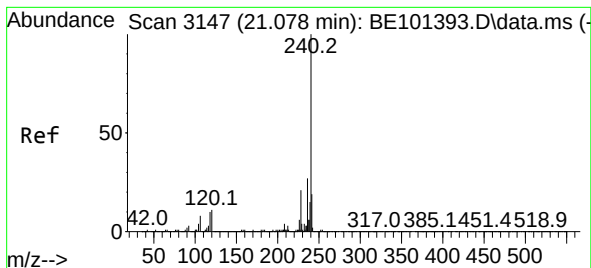
Tgt Ion: 77	Resp: 39287
Ion Ratio	Lower Upper
77 100	
182 88.5	7.6 47.6#
105 158.6	3.2 43.2#
51 36.6	6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.914 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BE101479.D
Acq: 5 Nov 2024 15:08

Tgt Ion: 188	Resp: 423948
Ion Ratio	Lower Upper
188 100	
94 9.5	7.8 11.8
80 10.5	8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.074 min Scan# 3147

Delta R.T. -0.004 min

Lab File: BE101479.D

Acq: 5 Nov 2024 15:08

Instrument :

BNA_E

ClientSampleId :

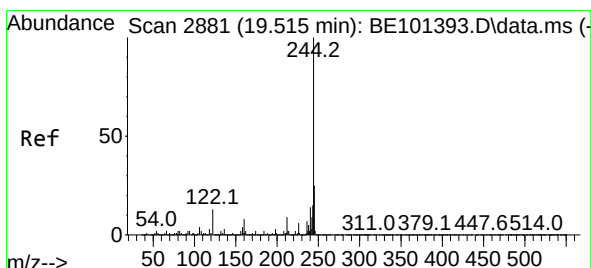
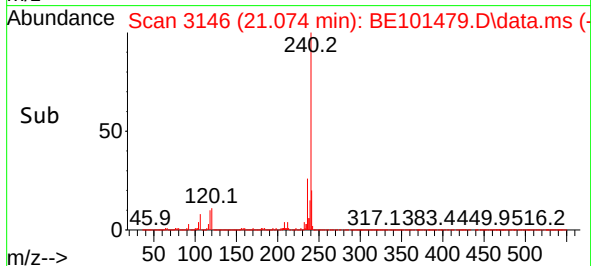
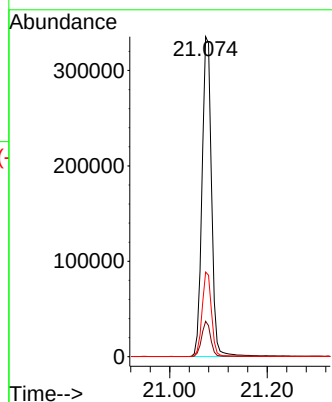
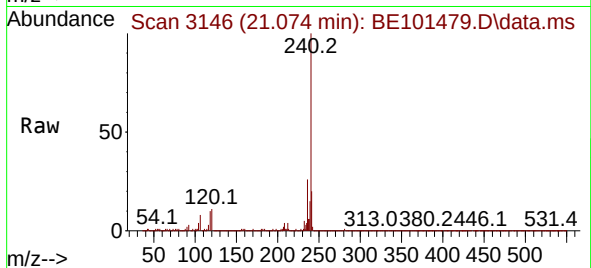
Tgt Ion:240 Resp: 455602

Ion Ratio Lower Upper

240 100

120 11.1 9.0 13.4

236 26.5 21.4 32.0



#79

Terphenyl-d14

Concen: 71.055 ng

RT: 19.505 min Scan# 2879

Delta R.T. -0.010 min

Lab File: BE101479.D

Acq: 5 Nov 2024 15:08

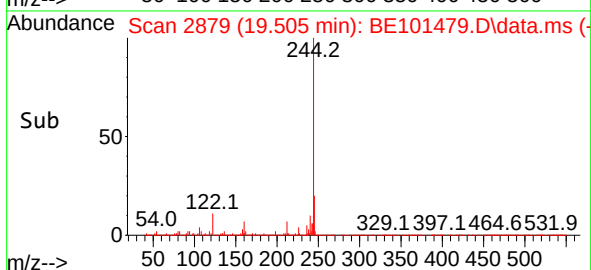
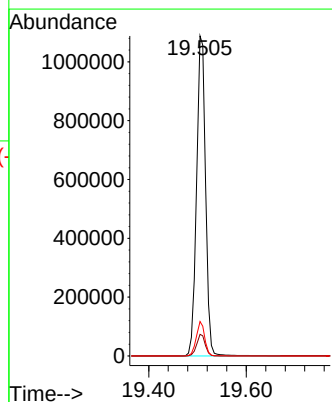
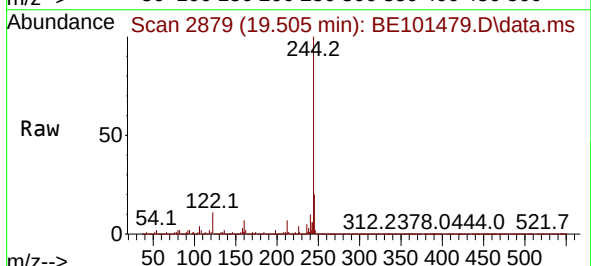
Tgt Ion:244 Resp: 1406572

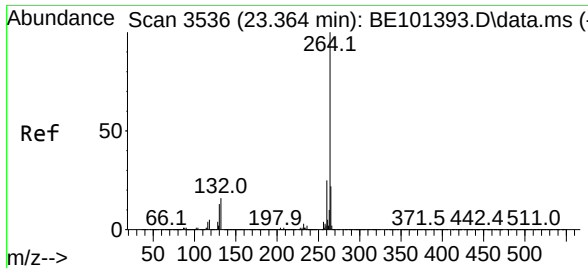
Ion Ratio Lower Upper

244 100

212 6.8 7.2 10.8#

122 10.8 10.4 15.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.365 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: BE101479.D
 Acq: 5 Nov 2024 15:08

Instrument :
 BNA_E
 ClientSampleId :

Tgt Ion:264 Resp: 586938
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.8
 265 22.1 17.6 26.4

