

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
 Data File : BE101467.D
 Acq On : 4 Nov 2024 22:13
 Operator : RC/JU
 Sample : P4667-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-F-5

Quant Time: Nov 04 23:11:38 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)

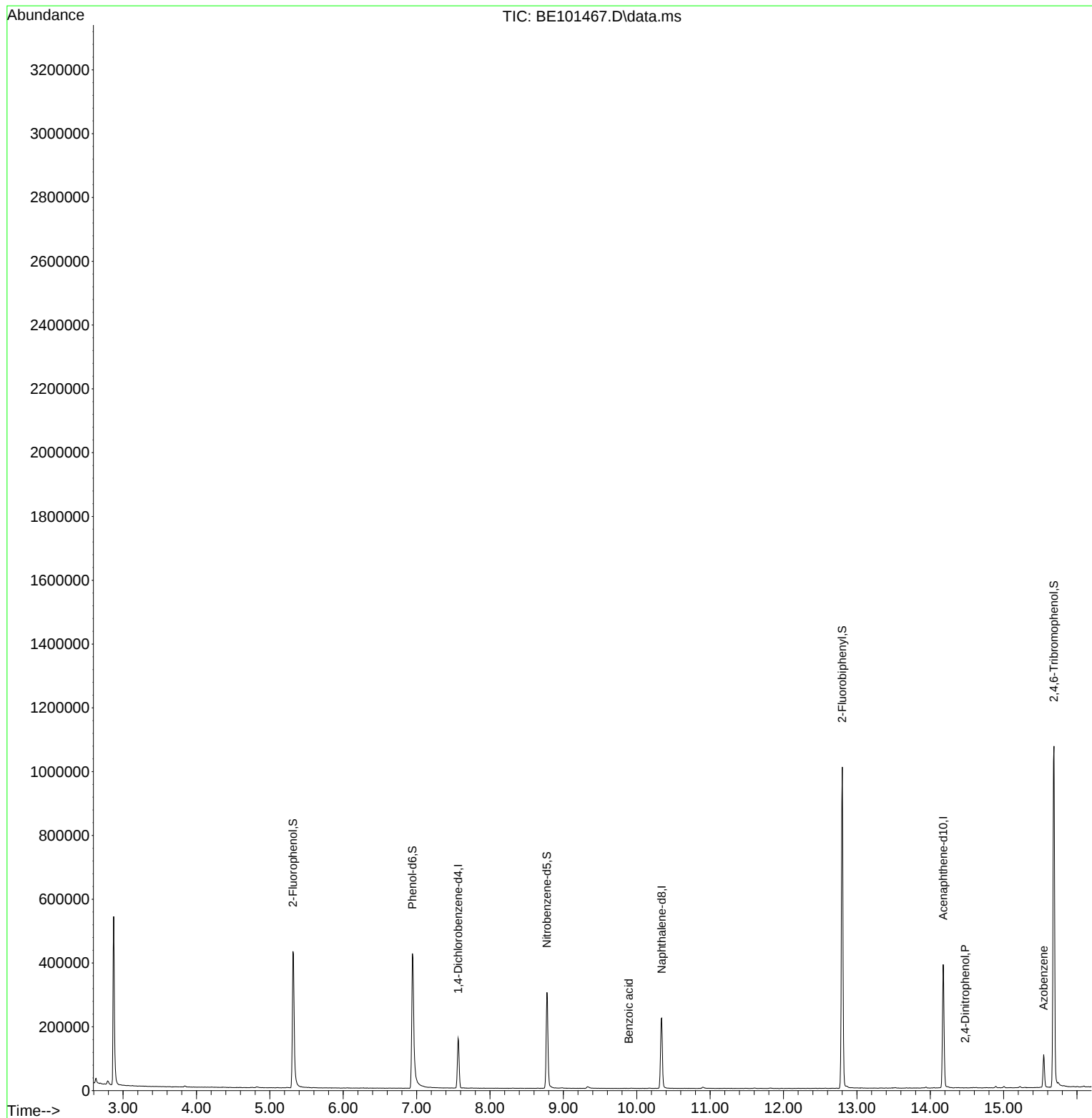
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	45896	20.000	ng	0.00
21) Naphthalene-d8	10.339	136	200551	20.000	ng	0.00
39) Acenaphthene-d10	14.176	164	138713	20.000	ng	0.00
64) Phenanthrene-d10	16.914	188	366717	20.000	ng	0.00
76) Chrysene-d12	21.074	240	491043	20.000	ng	0.00
86) Perylene-d12	23.365	264	649223	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	242825	92.729	ng	0.00
7) Phenol-d6	6.943	99	346689	95.480	ng	0.00
23) Nitrobenzene-d5	8.776	82	183357	57.424	ng	-0.01
42) 2,4,6-Tribromophenol	15.686	330	280758	115.482	ng	0.00
45) 2-Fluorobiphenyl	12.801	172	533598	65.147	ng	0.00
79) Terphenyl-d14	19.505	244	1416143	66.376	ng	-0.01
Target Compounds						
32) Benzoic acid	9.893	122	33	8.228	ng	# 9
54) 2,4-Dinitrophenol	14.476	184	39	5.639	ng	96
63) Azobenzene	15.545	77	30038	3.412	ng	# 1

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

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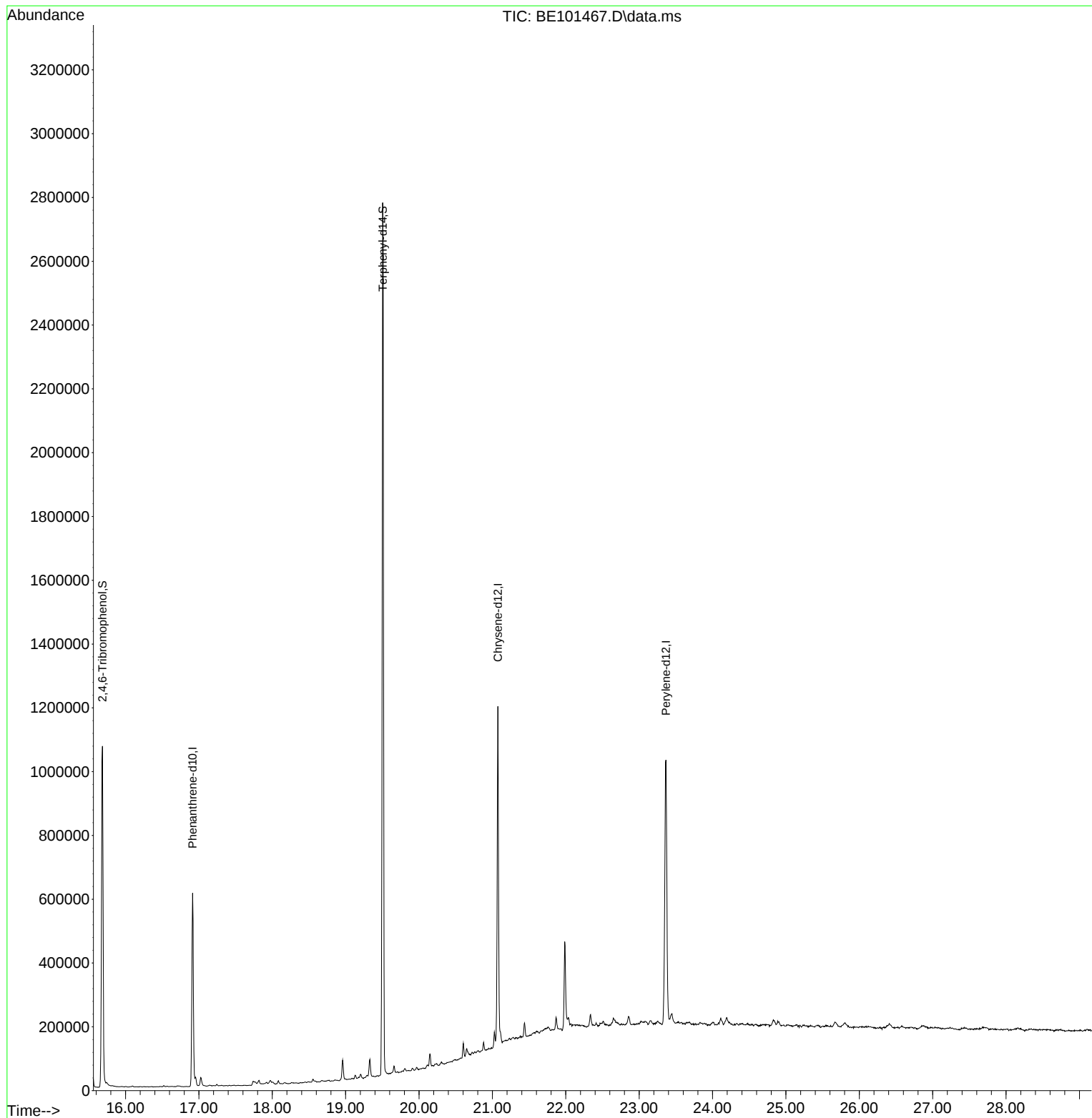
Quant Time: Nov 04 23:11:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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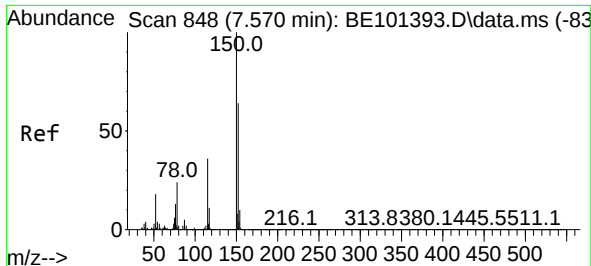


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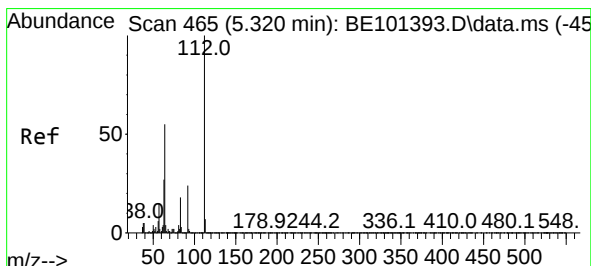
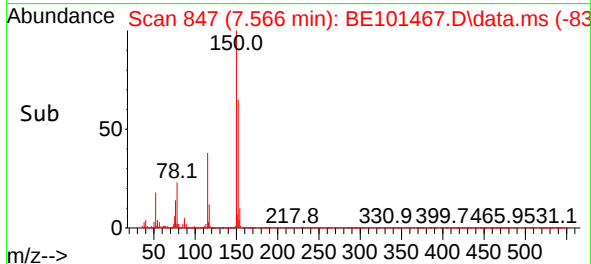
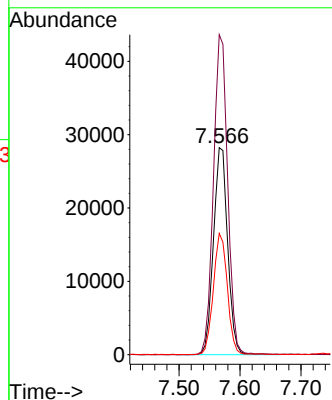
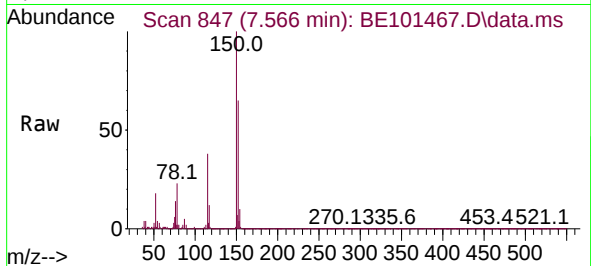




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.566 min Scan# 848
Delta R.T. -0.004 min
Lab File: BE101467.D
Acq: 4 Nov 2024 22:13

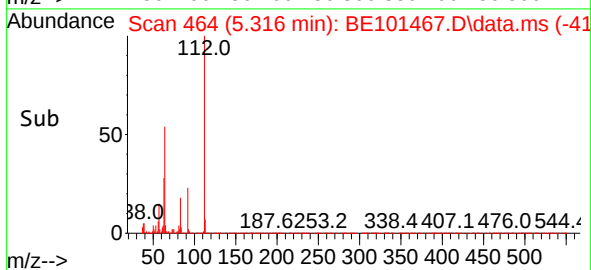
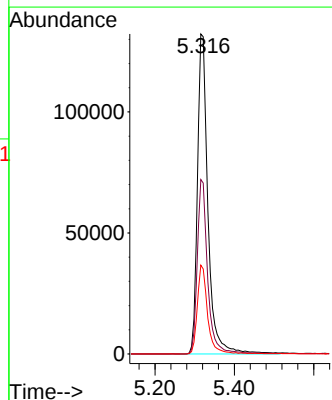
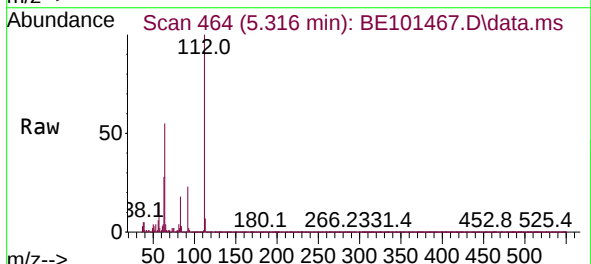
Instrument :
BNA_E
ClientSampleId :
BP-F-5

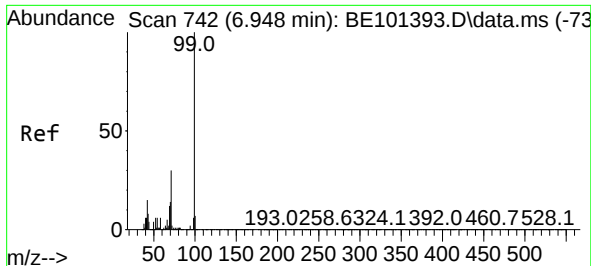
Tgt Ion:152 Resp: 45896
Ion Ratio Lower Upper
152 100
150 154.5 124.2 186.4
115 58.6 45.3 67.9



#5
2-Fluorophenol
Concen: 92.729 ng
RT: 5.316 min Scan# 464
Delta R.T. -0.005 min
Lab File: BE101467.D
Acq: 4 Nov 2024 22:13

Tgt Ion:112 Resp: 242825
Ion Ratio Lower Upper
112 100
64 54.5 43.7 65.5
63 27.7 21.4 32.2

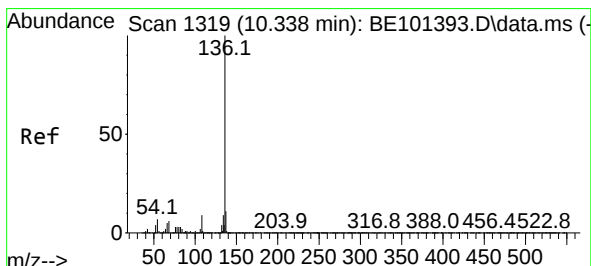
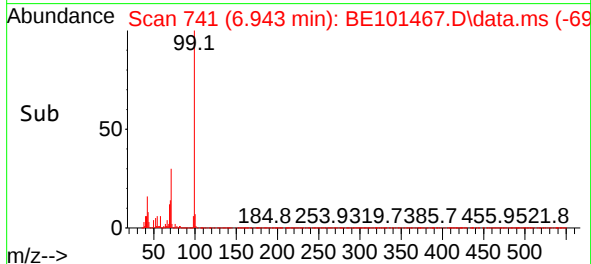
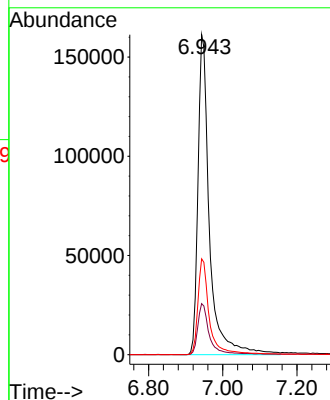
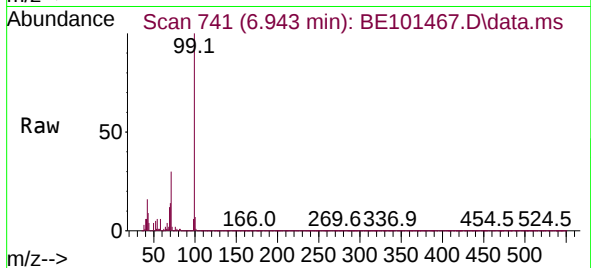




#7
Phenol-d6
Concen: 95.480 ng
RT: 6.943 min Scan# 741
Delta R.T. -0.005 min
Lab File: BE101467.D
Acq: 4 Nov 2024 22:13

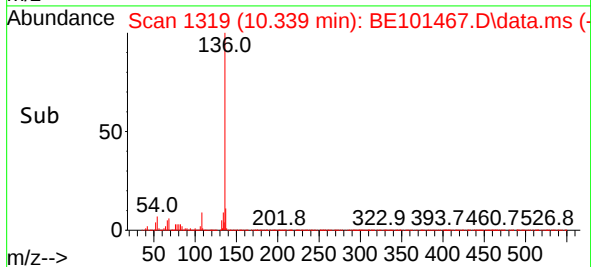
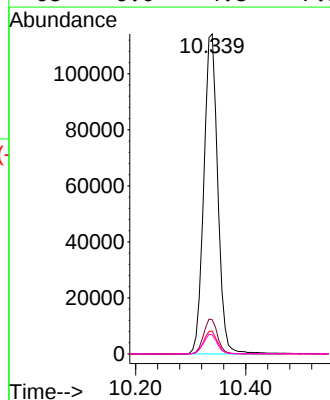
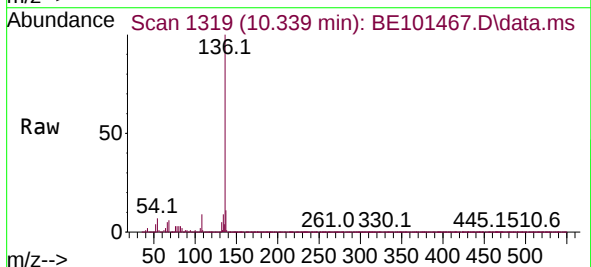
Instrument :
BNA_E
ClientSampleId :
BP-F-5

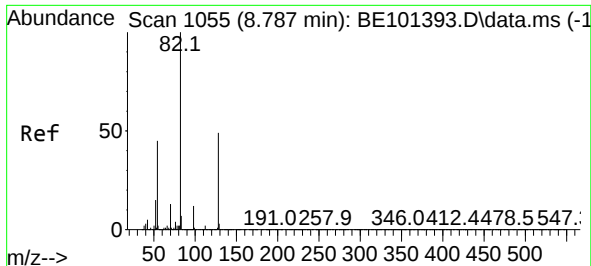
Tgt Ion: 99 Resp: 346689
Ion Ratio Lower Upper
99 100
42 16.0 12.3 18.5
71 30.0 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.339 min Scan# 1319
Delta R.T. 0.001 min
Lab File: BE101467.D
Acq: 4 Nov 2024 22:13

Tgt Ion: 136 Resp: 200551
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 7.1 5.9 8.9
68 6.0 4.8 7.2

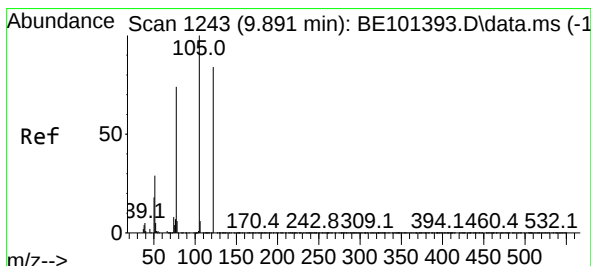
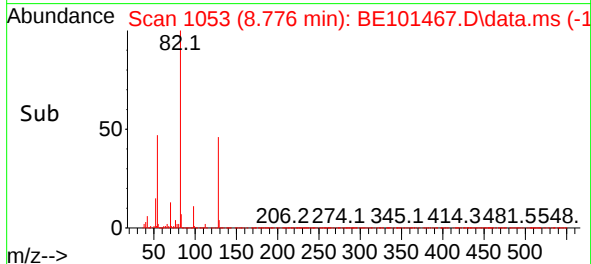
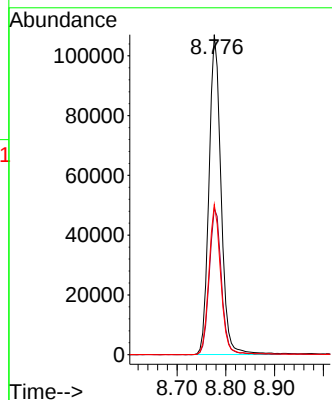
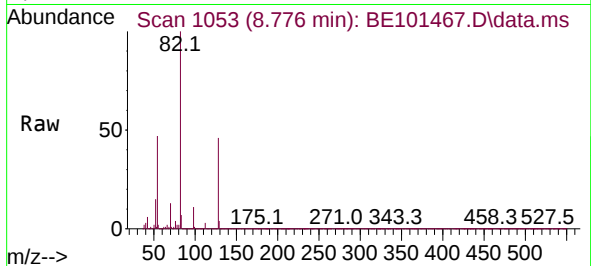




#23
Nitrobenzene-d5
Concen: 57.424 ng
RT: 8.776 min Scan# 1053
Delta R.T. -0.010 min
Lab File: BE101467.D
Acq: 4 Nov 2024 22:13

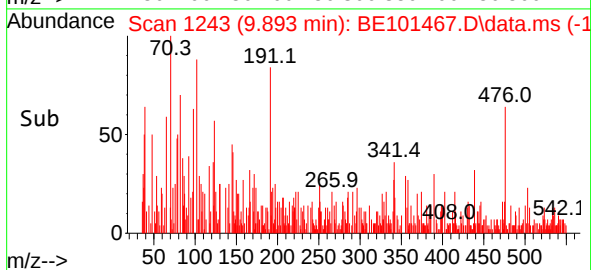
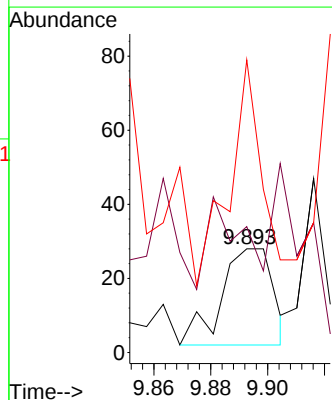
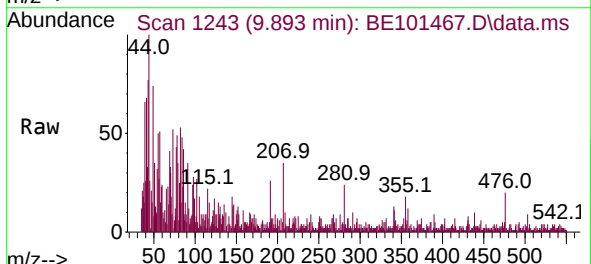
Instrument :
BNA_E
ClientSampleId :
BP-F-5

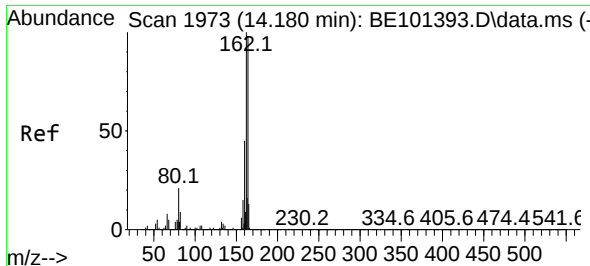
Tgt Ion: 82 Resp: 183357
Ion Ratio Lower Upper
82 100
128 45.7 38.9 58.3
54 46.9 36.2 54.4



#32
Benzoic acid
Concen: 8.228 ng
RT: 9.893 min Scan# 1243
Delta R.T. 0.002 min
Lab File: BE101467.D
Acq: 4 Nov 2024 22:13

Tgt Ion:122 Resp: 33
Ion Ratio Lower Upper
122 100
105 121.4 97.9 137.9
77 282.1 68.1 108.1#

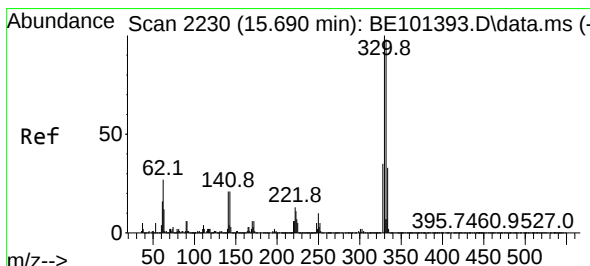
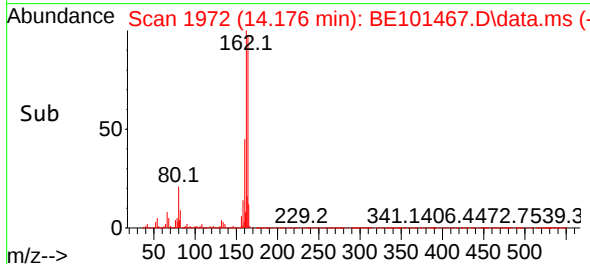
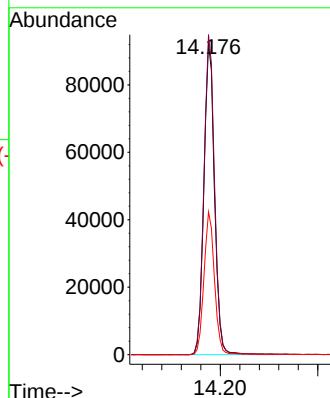
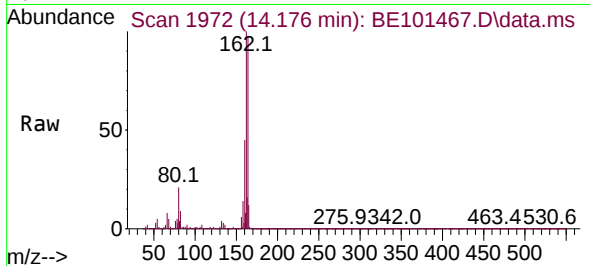




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.176 min Scan# 1973
Delta R.T. -0.005 min
Lab File: BE101467.D
Acq: 4 Nov 2024 22:13

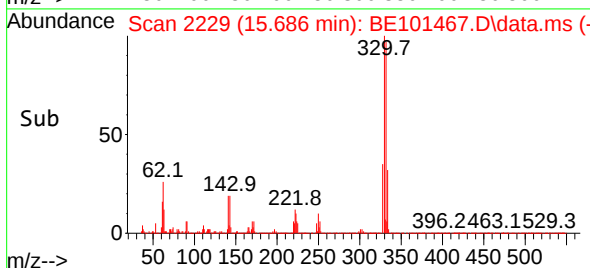
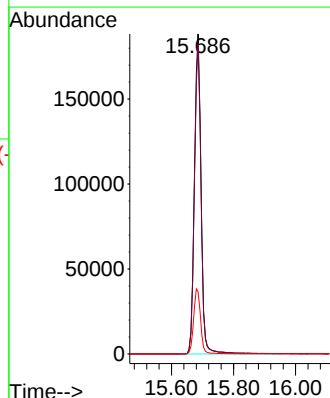
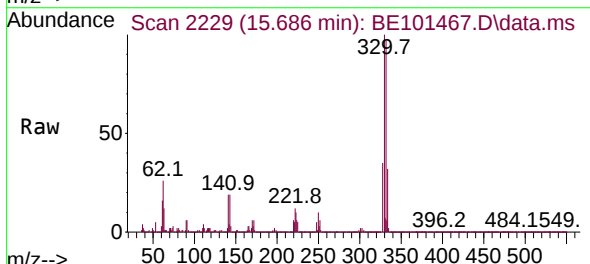
Instrument :
BNA_E
ClientSampleId :
BP-F-5

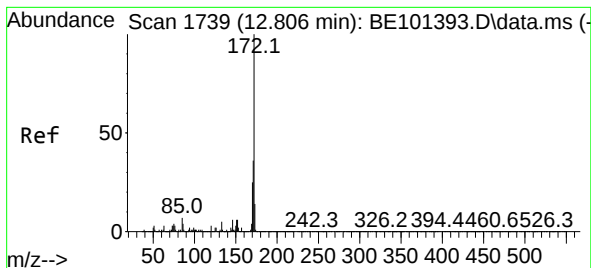
Tgt Ion:164 Resp: 138713
Ion Ratio Lower Upper
164 100
162 102.8 81.3 121.9
160 45.9 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 115.482 ng
RT: 15.686 min Scan# 2229
Delta R.T. -0.005 min
Lab File: BE101467.D
Acq: 4 Nov 2024 22:13

Tgt Ion:330 Resp: 280758
Ion Ratio Lower Upper
330 100
332 96.4 78.2 117.2
141 21.1 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 65.147 ng

RT: 12.801 min Scan# 11

Delta R.T. -0.005 min

Lab File: BE101467.D

Acq: 4 Nov 2024 22:13

Instrument :

BNA_E

ClientSampleId :

BP-F-5

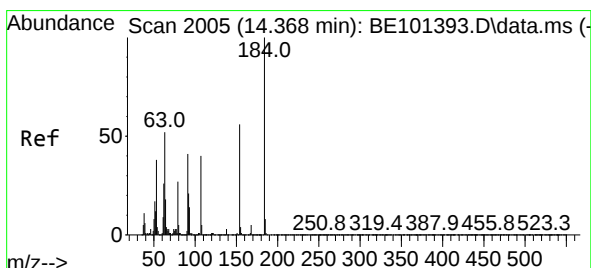
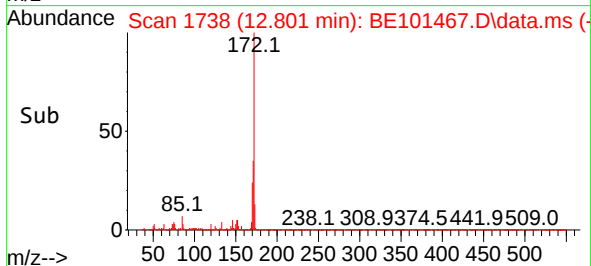
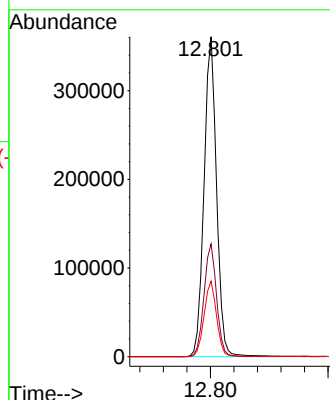
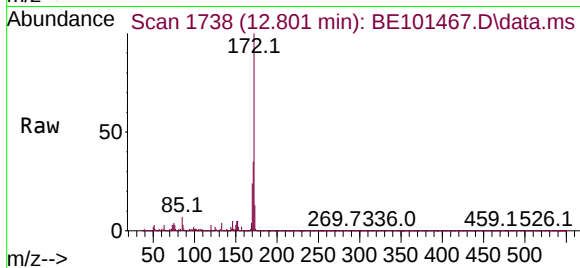
Tgt Ion:172 Resp: 533598

Ion Ratio Lower Upper

172 100

171 35.2 29.2 43.8

170 23.6 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.639 ng

RT: 14.476 min Scan# 2023

Delta R.T. 0.108 min

Lab File: BE101467.D

Acq: 4 Nov 2024 22:13

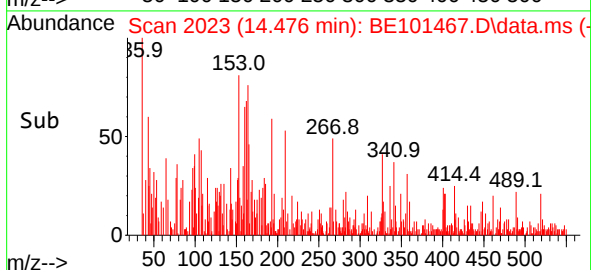
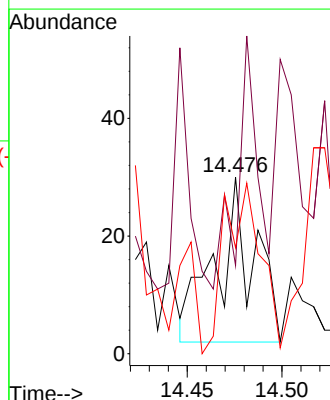
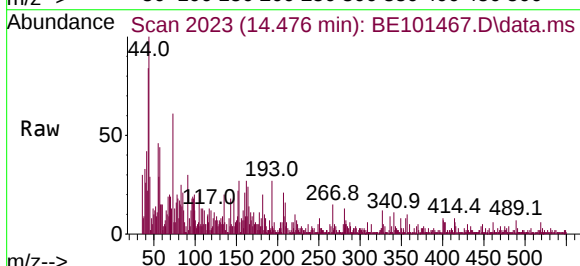
Tgt Ion:184 Resp: 39

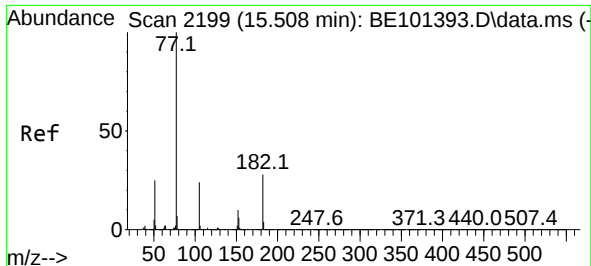
Ion Ratio Lower Upper

184 100

63 50.0 41.8 62.6

154 60.0 44.9 67.3

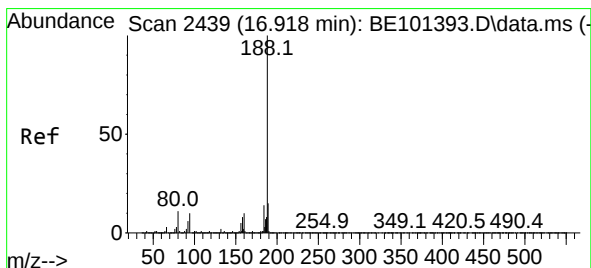
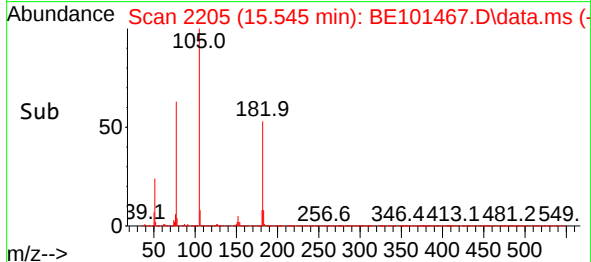
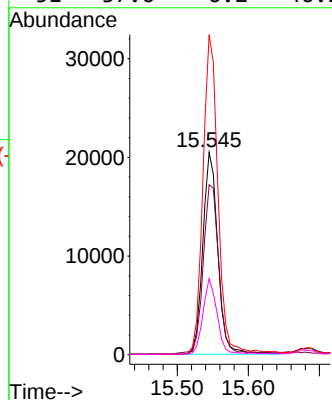
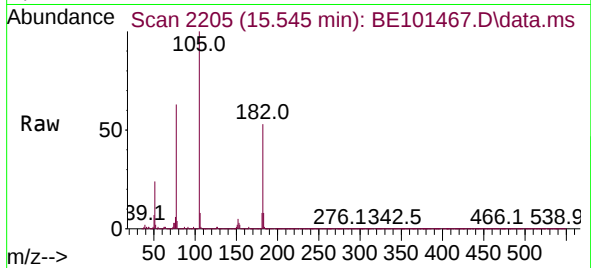




#63
Azobenzene
Concen: 3.412 ng
RT: 15.545 min Scan# 2199
Delta R.T. 0.037 min
Lab File: BE101467.D
Acq: 4 Nov 2024 22:13

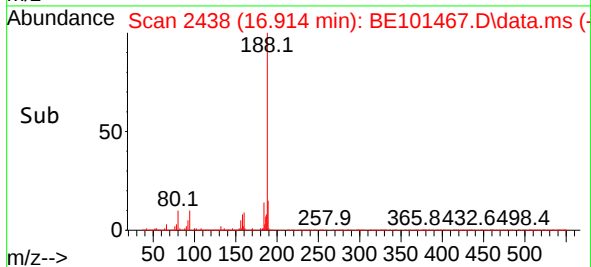
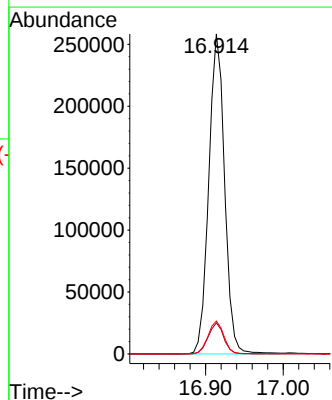
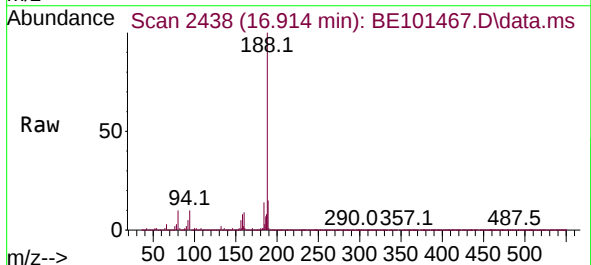
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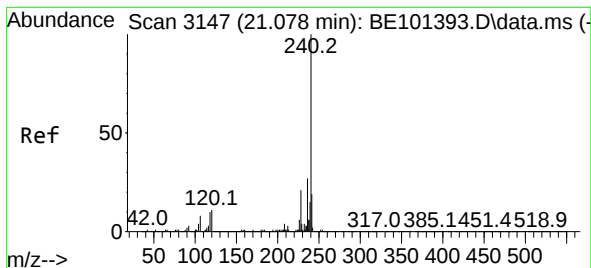
Tgt Ion: 77 Resp: 30038
Ion Ratio Lower Upper
77 100
182 84.0 7.6 47.6#
105 158.1 3.2 43.2#
51 37.6 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.914 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BE101467.D
Acq: 4 Nov 2024 22:13

Tgt Ion: 188 Resp: 366717
Ion Ratio Lower Upper
188 100
94 9.7 7.8 11.8
80 10.3 8.6 12.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.074 min Scan# 3147

Delta R.T. -0.005 min

Lab File: BE101467.D

Acq: 4 Nov 2024 22:13

Instrument :

BNA_E

ClientSampleId :

BP-F-5

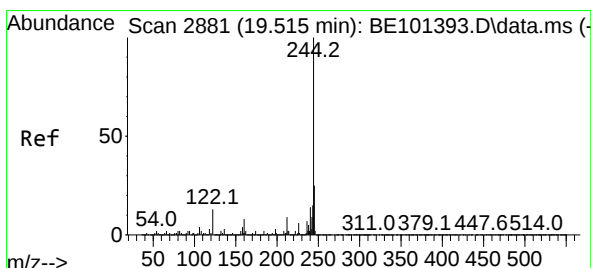
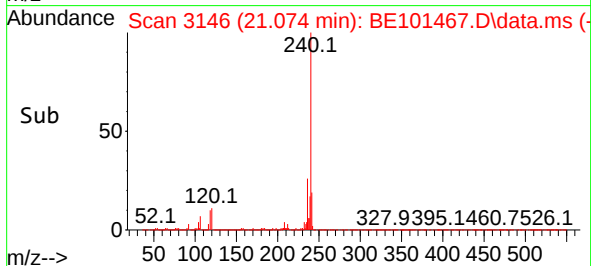
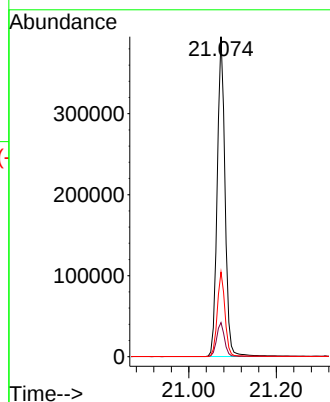
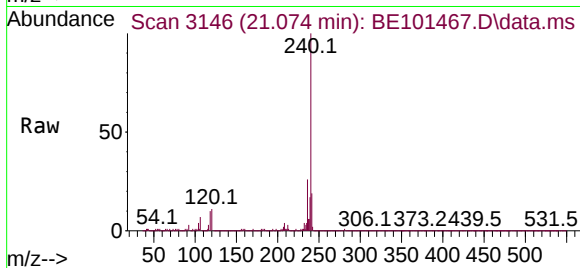
Tgt Ion:240 Resp: 491043

Ion Ratio Lower Upper

240 100

120 10.7 9.0 13.4

236 26.4 21.4 32.0



#79

Terphenyl-d14

Concen: 66.376 ng

RT: 19.505 min Scan# 2879

Delta R.T. -0.010 min

Lab File: BE101467.D

Acq: 4 Nov 2024 22:13

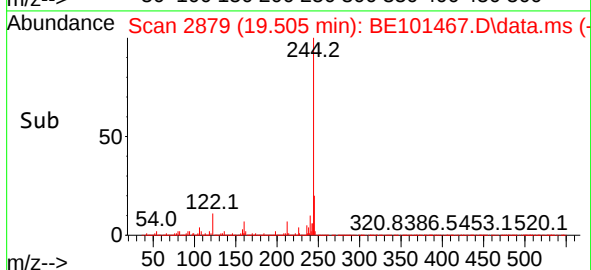
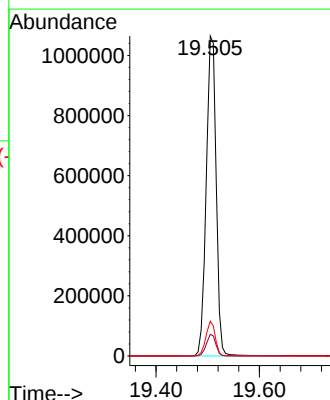
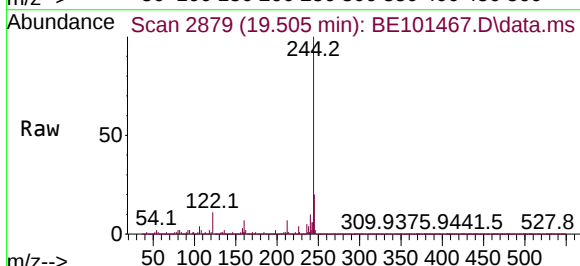
Tgt Ion:244 Resp: 1416143

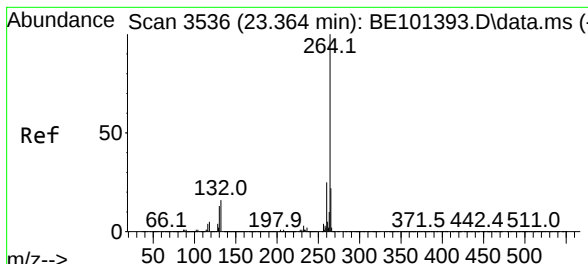
Ion Ratio Lower Upper

244 100

212 6.8 7.2 10.8#

122 10.9 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: BE101467.D
 Acq: 4 Nov 2024 22:13

Instrument :
 BNA_E
 ClientSampleId :
 BP-F-5

Tgt Ion:264 Resp: 649223

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.8
265	21.6	17.6	26.4

