

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
 Data File : BE101488.D
 Acq On : 5 Nov 2024 20:27
 Operator : RC/JU
 Sample : P4660-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 06 00:04:05 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)

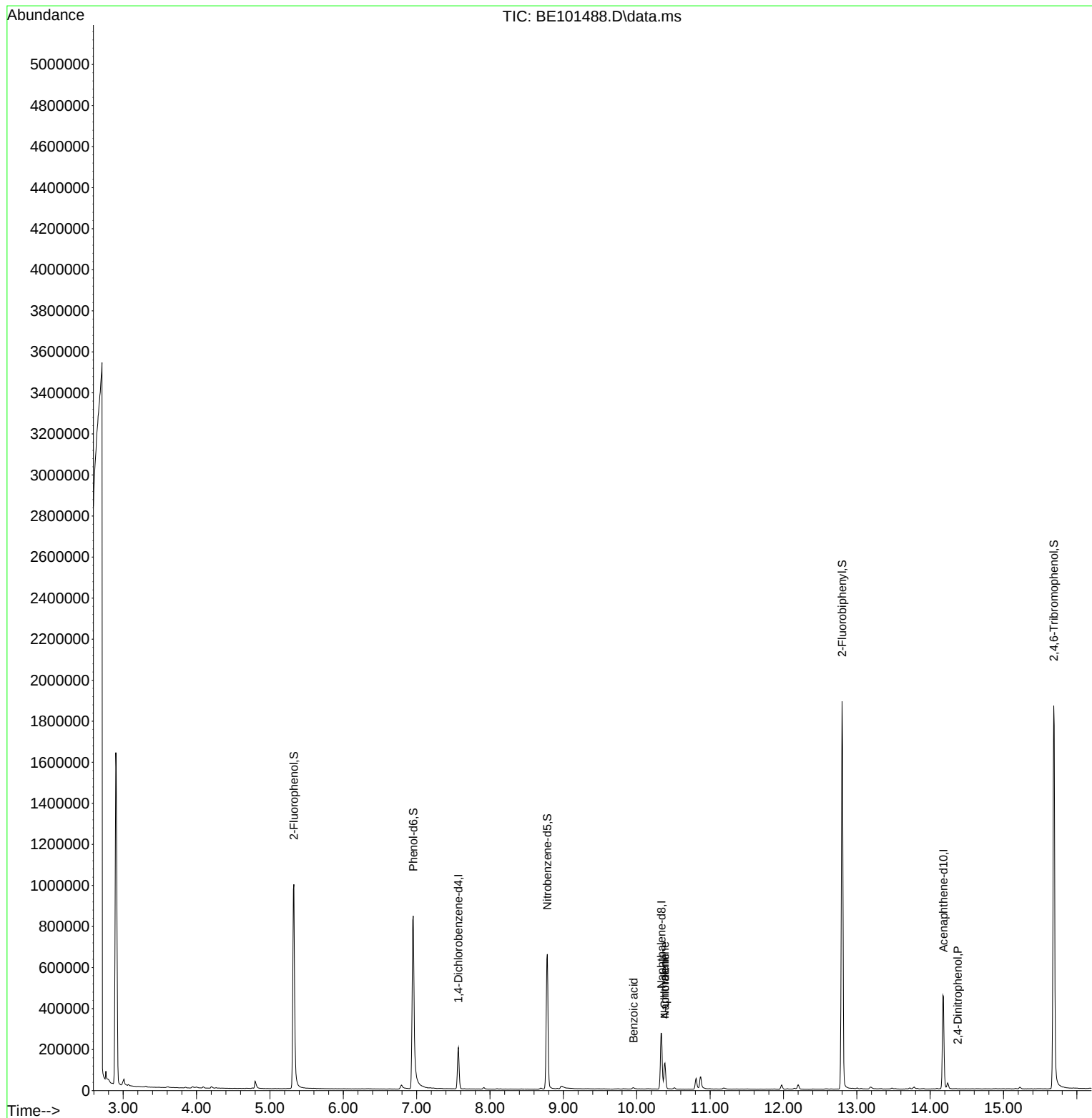
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.570	152	57343	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	245737	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	174187	20.000	ng	0.00
64) Phenanthrene-d10	16.912	188	416458	20.000	ng	0.00
76) Chrysene-d12	21.072	240	485314	20.000	ng	0.00
86) Perylene-d12	23.363	264	618963	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.326	112	537447	164.268	ng	0.00
7) Phenol-d6	6.953	99	685925	151.197	ng	0.00
23) Nitrobenzene-d5	8.781	82	399448	102.097	ng	0.00
42) 2,4,6-Tribromophenol	15.684	330	519159	170.052	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	1039265	101.043	ng	0.00
79) Terphenyl-d14	19.509	244	2227694	105.646	ng	0.00
Target Compounds						
31) Naphthalene	10.385	128	109480	8.743	ng	99
32) Benzoic acid	9.956	122	3820	9.431	ng	# 18
33) 4-Chloroaniline	10.385	127	13868	3.185	ng	# 33
54) 2,4-Dinitrophenol	14.374	184	26	5.629	ng	# 1

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

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Operator : RC/JU
Sample : P4660-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

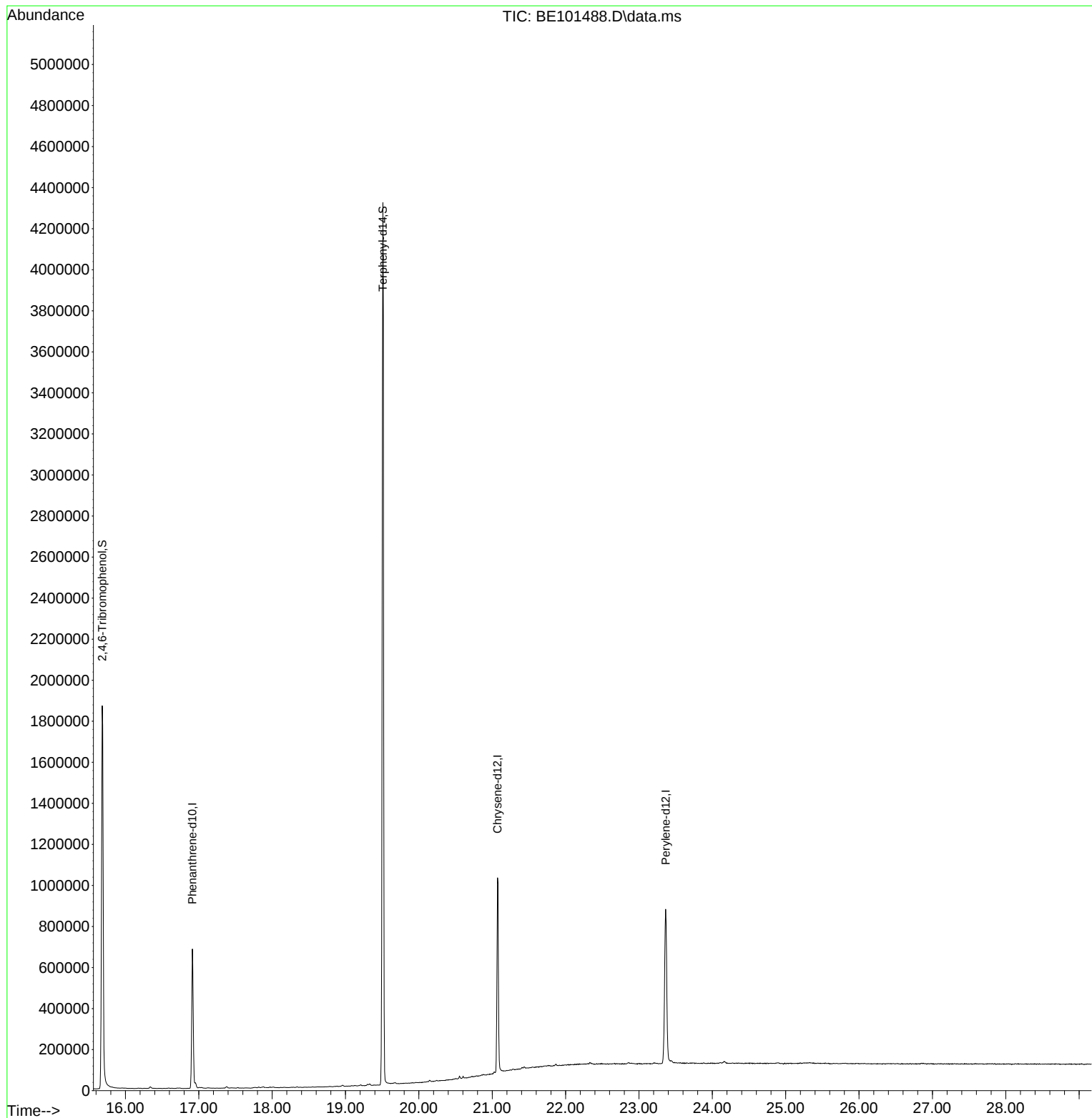
Quant Time: Nov 06 00:04:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

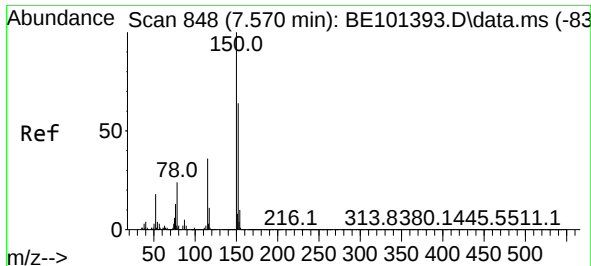


Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
Data File : BE101488.D
Acq On : 5 Nov 2024 20:27
Operator : RC/JU
Sample : P4660-03
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Nov 06 00:04:05 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

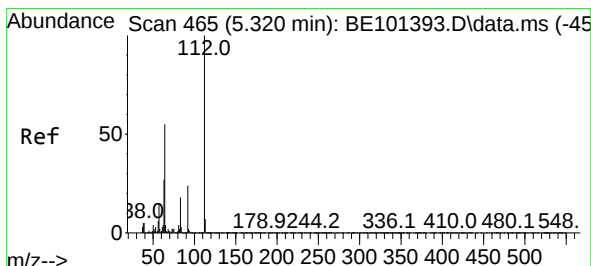
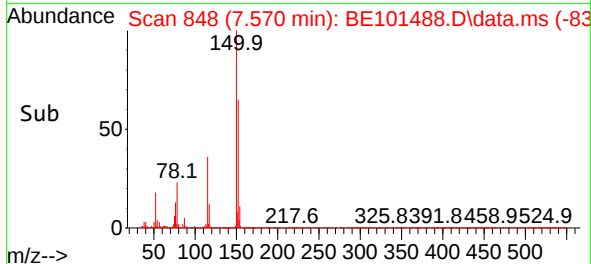
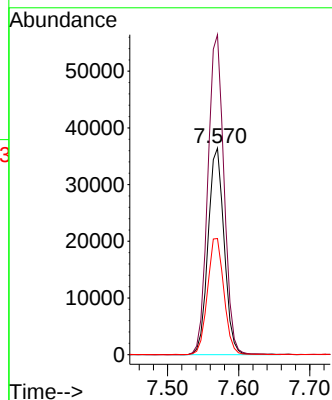
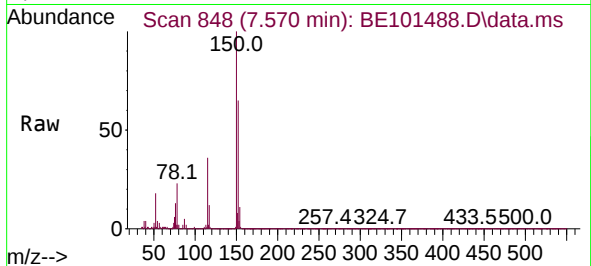




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 848
Delta R.T. 0.000 min
Lab File: BE101488.D
Acq: 5 Nov 2024 20:27

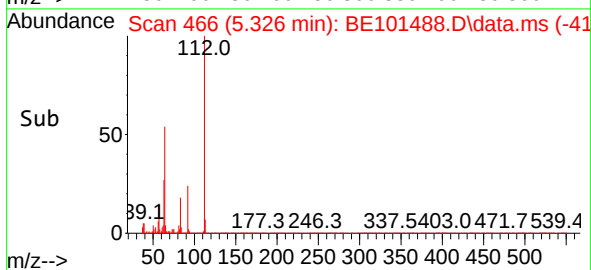
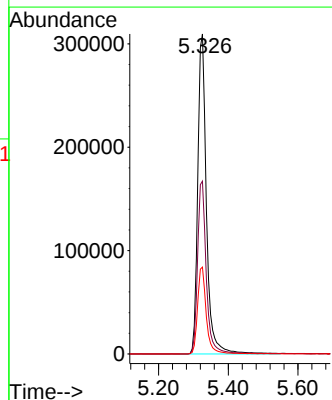
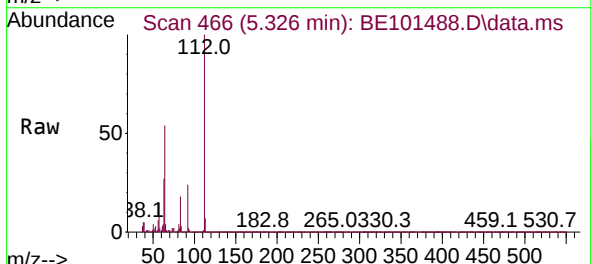
Instrument :
BNA_E
ClientSampleId :

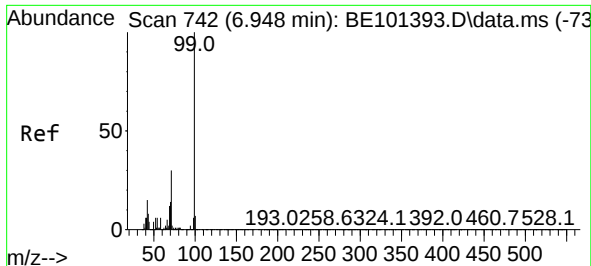
Tgt Ion:152 Resp: 57343
Ion Ratio Lower Upper
152 100
150 154.9 124.2 186.4
115 56.3 45.3 67.9



#5
2-Fluorophenol
Concen: 164.268 ng
RT: 5.326 min Scan# 466
Delta R.T. 0.006 min
Lab File: BE101488.D
Acq: 5 Nov 2024 20:27

Tgt Ion:112 Resp: 537447
Ion Ratio Lower Upper
112 100
64 54.0 43.7 65.5
63 27.1 21.4 32.2

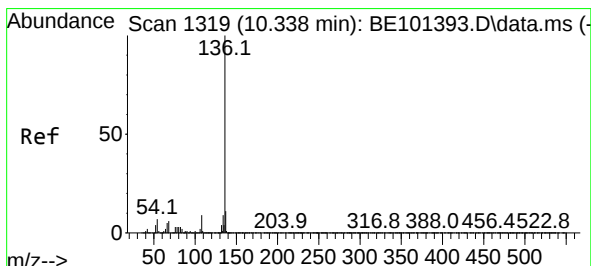
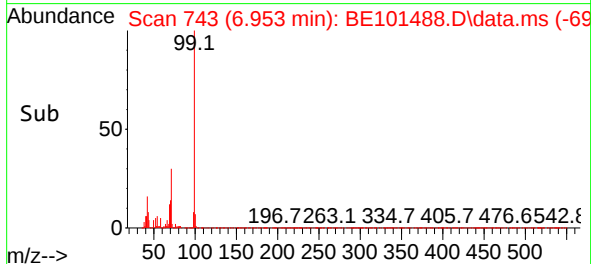
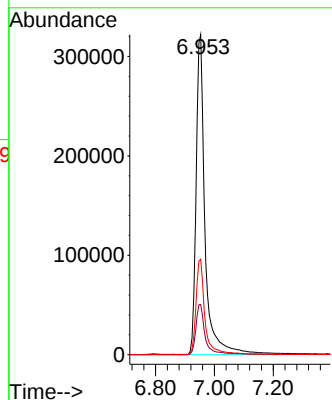
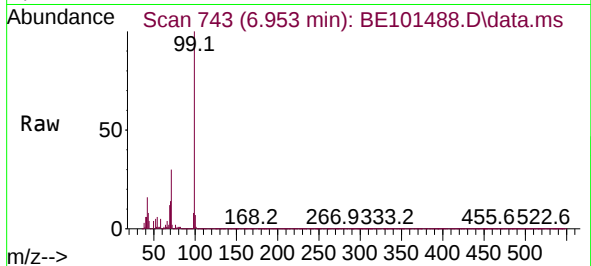




#7
Phenol-d6
Concen: 151.197 ng
RT: 6.953 min Scan# 742
Delta R.T. 0.006 min
Lab File: BE101488.D
Acq: 5 Nov 2024 20:27

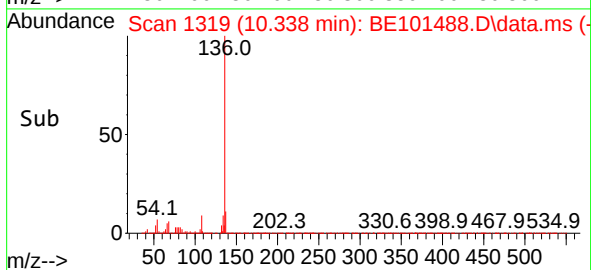
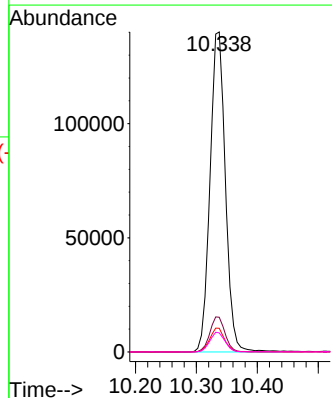
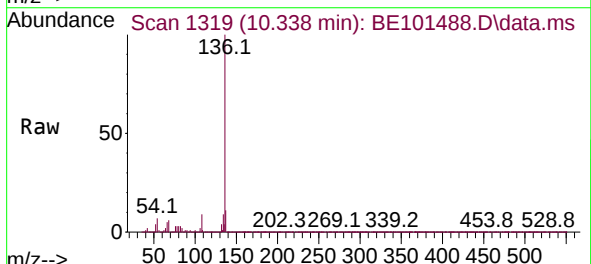
Instrument :
BNA_E
ClientSampleId :

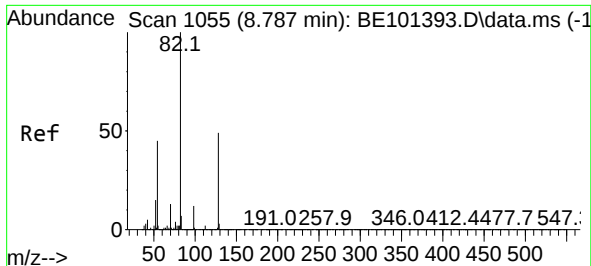
Tgt Ion: 99 Resp: 685925
Ion Ratio Lower Upper
99 100
42 15.7 12.3 18.5
71 29.9 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.338 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BE101488.D
Acq: 5 Nov 2024 20:27

Tgt Ion:136 Resp: 245737
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 7.4 5.9 8.9
68 5.9 4.8 7.2

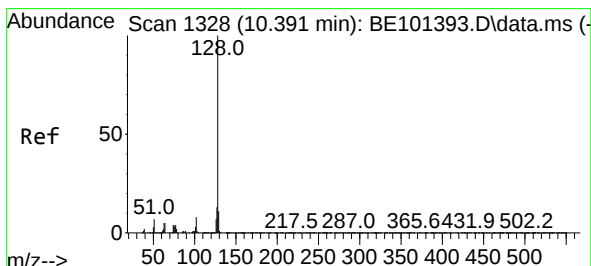
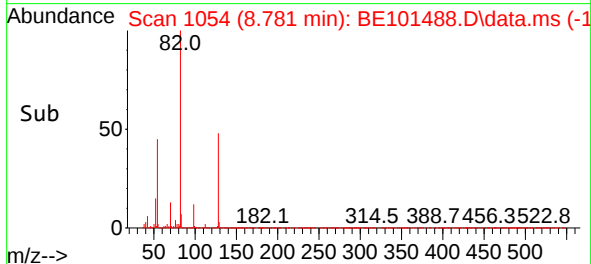
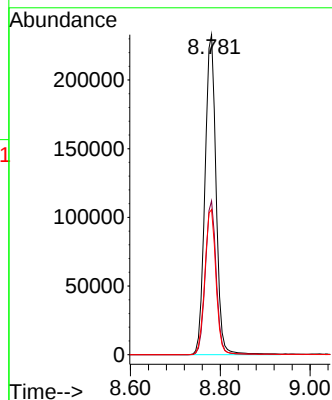
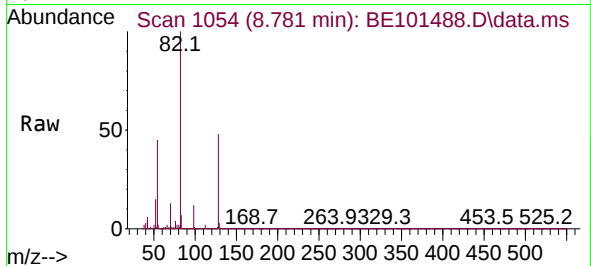




#23
Nitrobenzene-d5
Concen: 102.097 ng
RT: 8.781 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BE101488.D
Acq: 5 Nov 2024 20:27

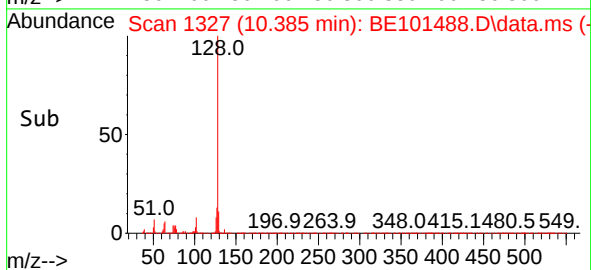
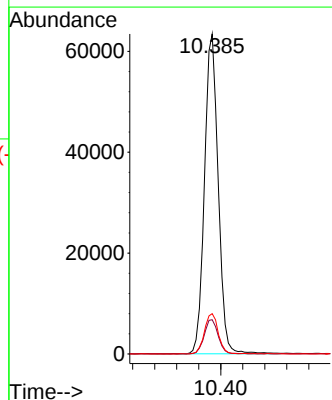
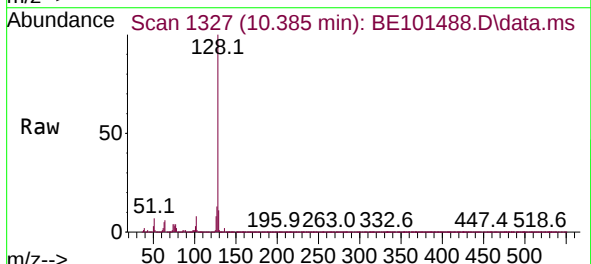
Instrument :
BNA_E
ClientSampleId :

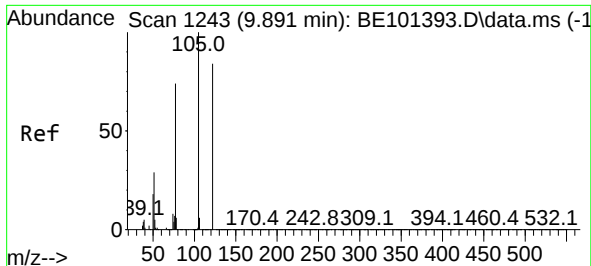
Tgt Ion: 82 Resp: 399448
Ion Ratio Lower Upper
82 100
128 48.0 38.9 58.3
54 45.3 36.2 54.4



#31
Naphthalene
Concen: 8.743 ng
RT: 10.385 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BE101488.D
Acq: 5 Nov 2024 20:27

Tgt Ion:128 Resp: 109480
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 12.6 10.3 15.5

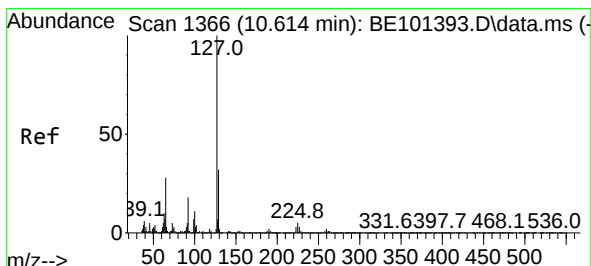
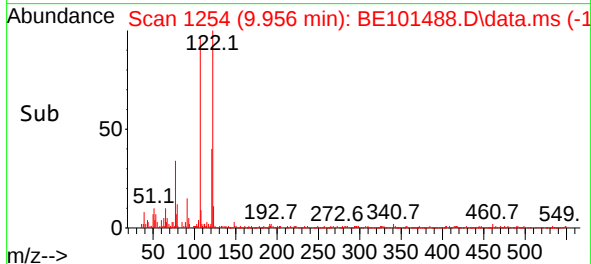
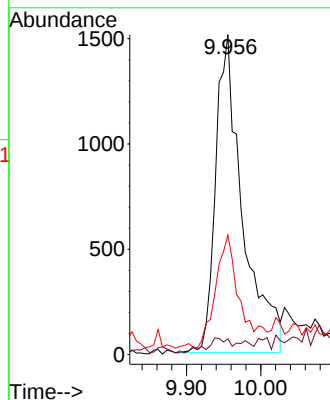
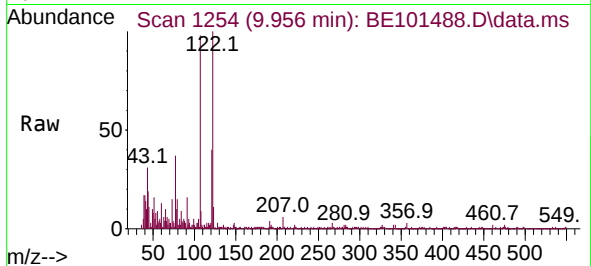




#32
Benzoic acid
Concen: 9.431 ng
RT: 9.956 min Scan# 11
Delta R.T. 0.065 min
Lab File: BE101488.D
Acq: 5 Nov 2024 20:27

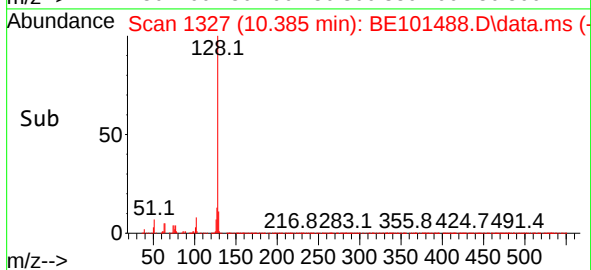
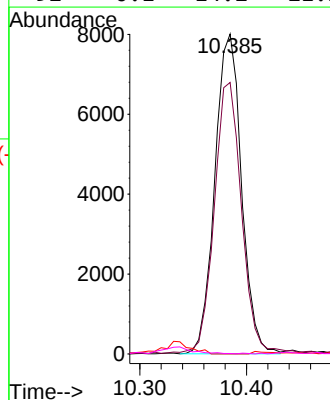
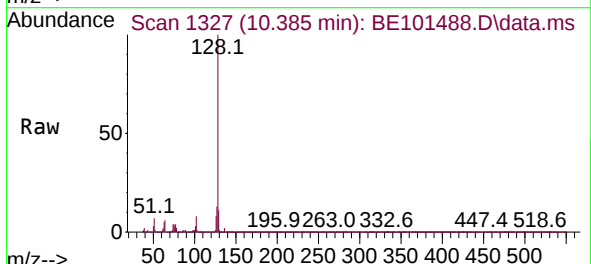
Instrument :
BNA_E
ClientSampleId :

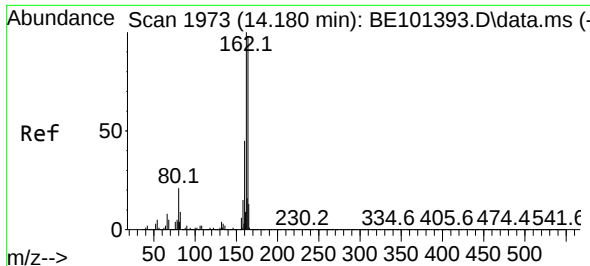
Tgt Ion:122 Resp: 3820
Ion Ratio Lower Upper
122 100
105 4.9 97.9 137.9#
77 37.3 68.1 108.1#



#33
4-Chloroaniline
Concen: 3.185 ng
RT: 10.385 min Scan# 1327
Delta R.T. -0.229 min
Lab File: BE101488.D
Acq: 5 Nov 2024 20:27

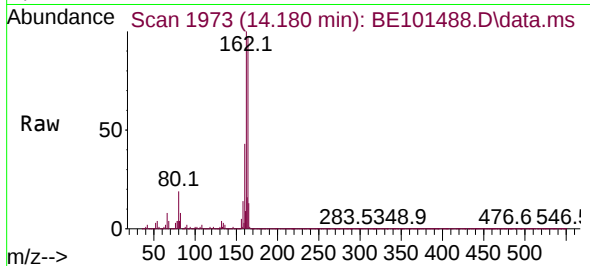
Tgt Ion:127 Resp: 13868
Ion Ratio Lower Upper
127 100
129 84.9 25.7 38.5#
65 0.0 22.2 33.4#
92 0.1 14.2 21.2#



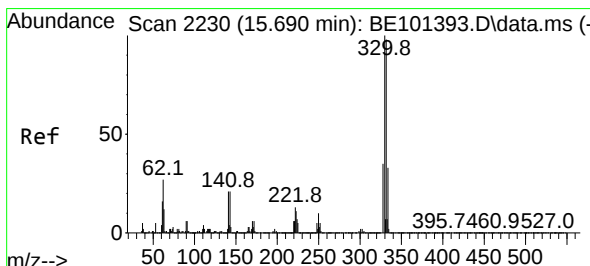
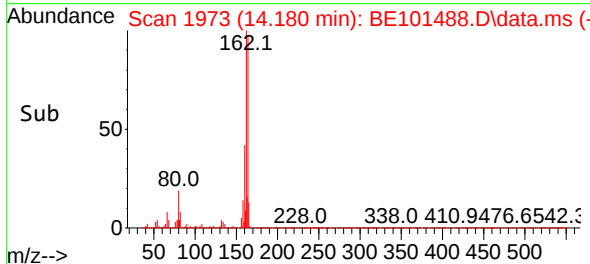
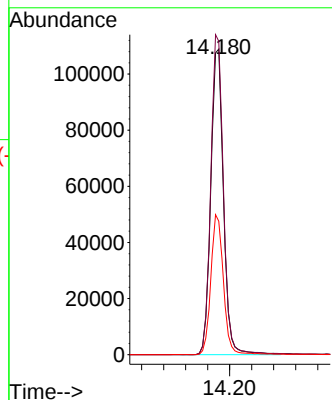


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BE101488.D
Acq: 5 Nov 2024 20:27

Instrument :
BNA_E
ClientSampleId :

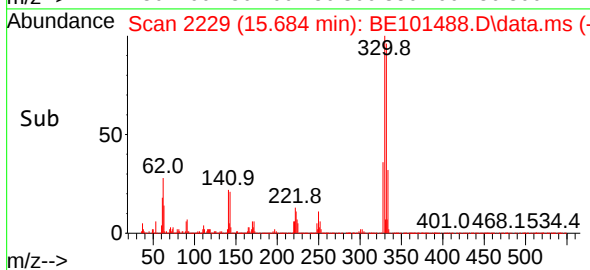
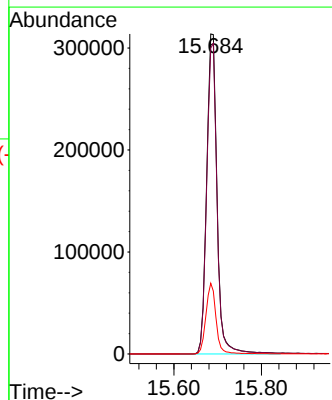
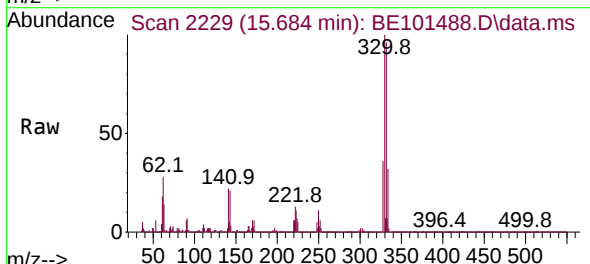


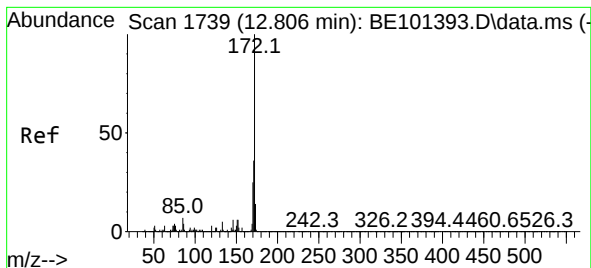
Tgt Ion:164 Resp: 174187
Ion Ratio Lower Upper
164 100
162 102.6 81.3 121.9
160 43.7 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 170.052 ng
RT: 15.684 min Scan# 2229
Delta R.T. -0.006 min
Lab File: BE101488.D
Acq: 5 Nov 2024 20:27

Tgt Ion:330 Resp: 519159
Ion Ratio Lower Upper
330 100
332 96.1 78.2 117.2
141 21.5 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 101.043 ng

RT: 12.799 min Scan# 1

Delta R.T. -0.006 min

Lab File: BE101488.D

Acq: 5 Nov 2024 20:27

Instrument :

BNA_E

ClientSampleId :

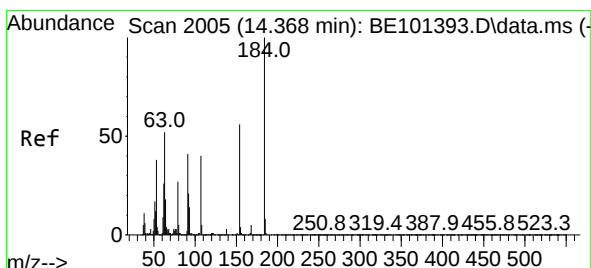
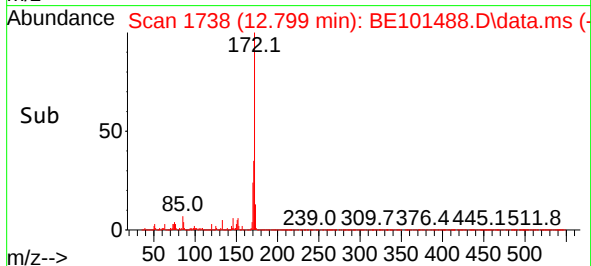
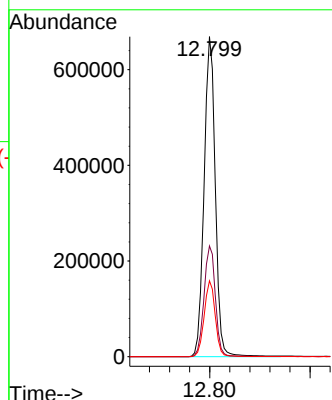
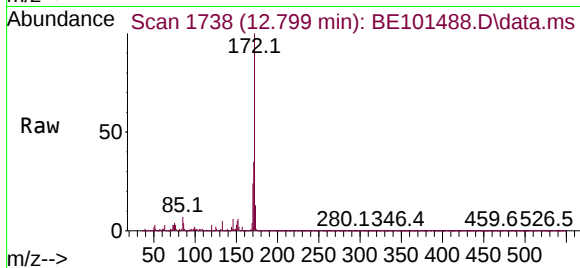
Tgt Ion:172 Resp: 1039265

Ion Ratio Lower Upper

172 100

171 34.6 29.2 43.8

170 23.7 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.629 ng

RT: 14.374 min Scan# 2006

Delta R.T. 0.006 min

Lab File: BE101488.D

Acq: 5 Nov 2024 20:27

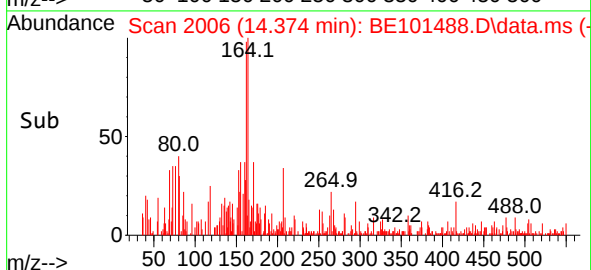
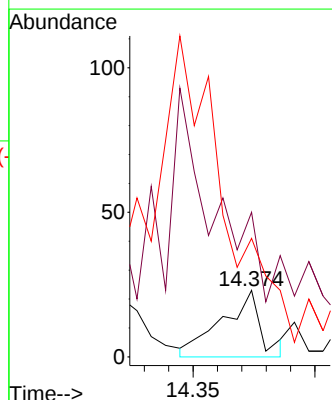
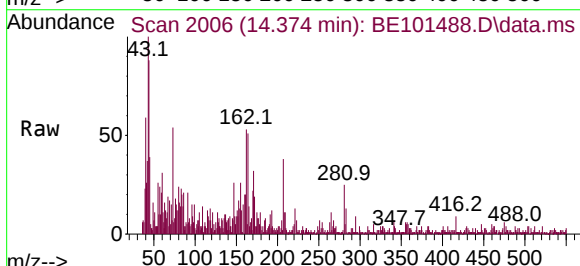
Tgt Ion:184 Resp: 26

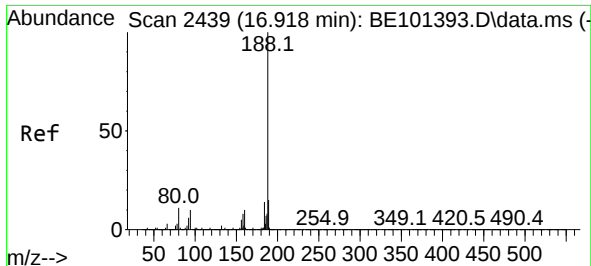
Ion Ratio Lower Upper

184 100

63 217.4 41.8 62.6#

154 178.3 44.9 67.3#

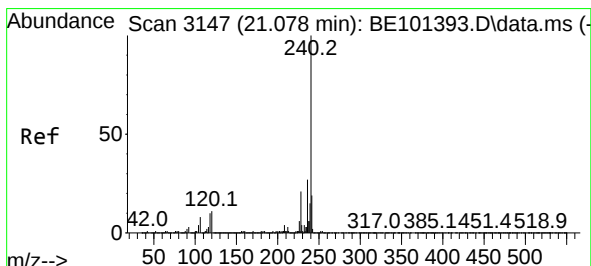
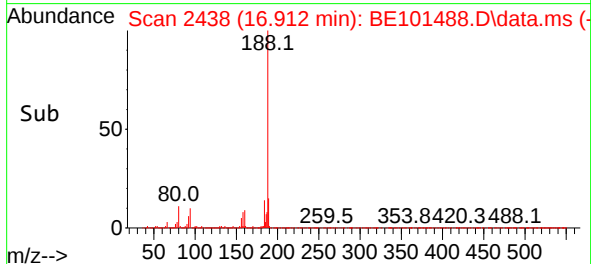
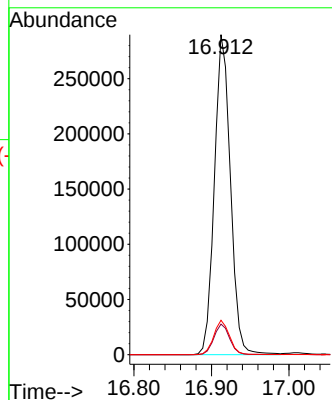
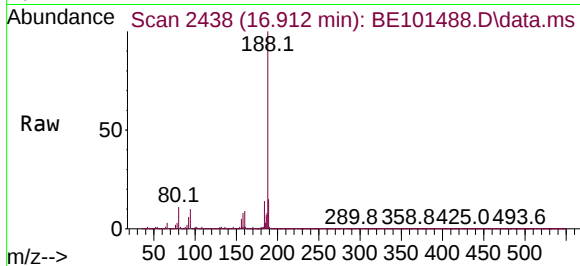




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.912 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BE101488.D
Acq: 5 Nov 2024 20:27

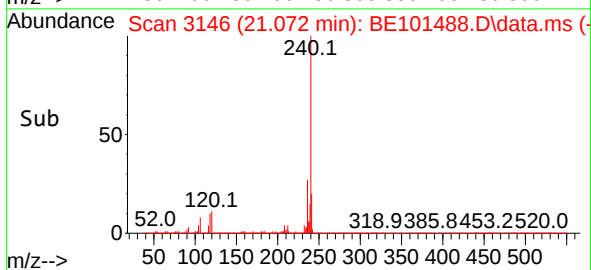
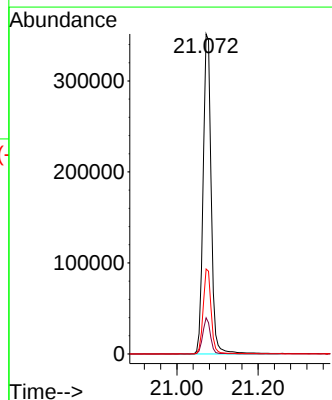
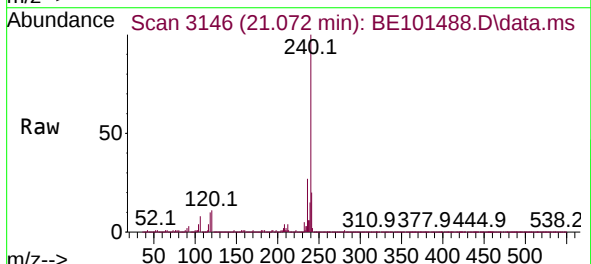
Instrument :
BNA_E
ClientSampleId :

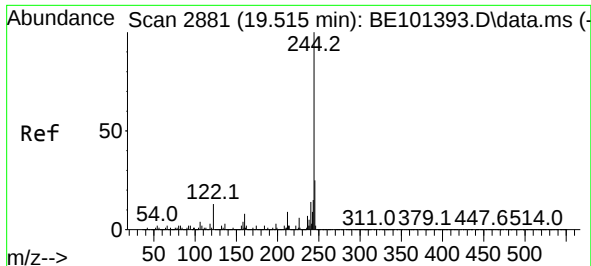
Tgt Ion:188 Resp: 416458
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.8
80 10.7 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.072 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BE101488.D
Acq: 5 Nov 2024 20:27

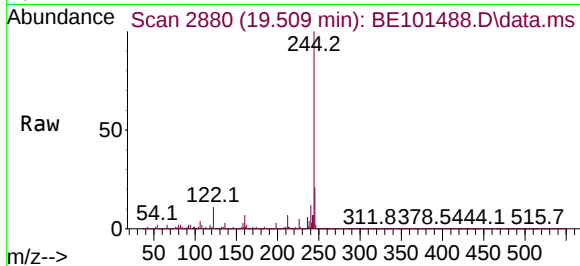
Tgt Ion:240 Resp: 485314
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.4
236 26.6 21.4 32.0





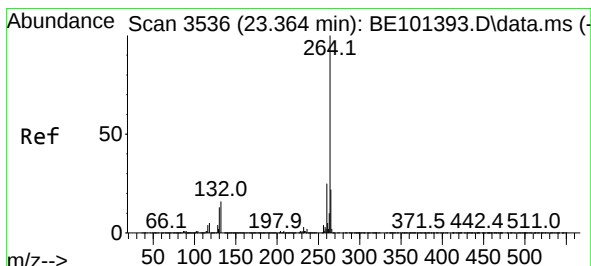
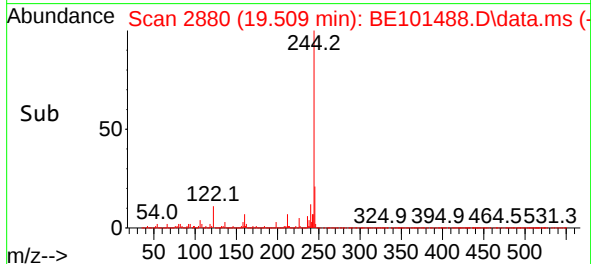
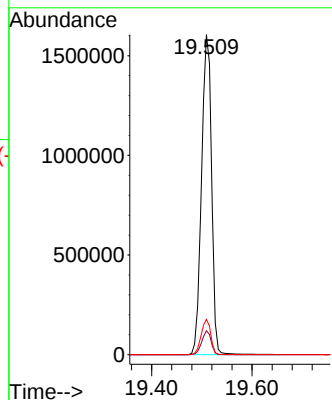
#79
 Terphenyl-d14
 Concen: 105.646 ng
 RT: 19.509 min Scan# 2881
 Delta R.T. -0.006 min
 Lab File: BE101488.D
 Acq: 5 Nov 2024 20:27

Instrument :
 BNA_E
 ClientSampleId :



Tgt Ion:244 Resp: 2227694

Ion	Ratio	Lower	Upper
244	100		
212	7.5	7.2	10.8
122	11.0	10.4	15.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.363 min Scan# 3536
 Delta R.T. -0.000 min
 Lab File: BE101488.D
 Acq: 5 Nov 2024 20:27

Tgt Ion:264 Resp: 618963

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.8
265	22.2	17.6	26.4

