

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
 Data File : BE101464.D
 Acq On : 4 Nov 2024 20:26
 Operator : RC/JU
 Sample : P4675-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 COMP-2

Quant Time: Nov 04 22:08:03 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)

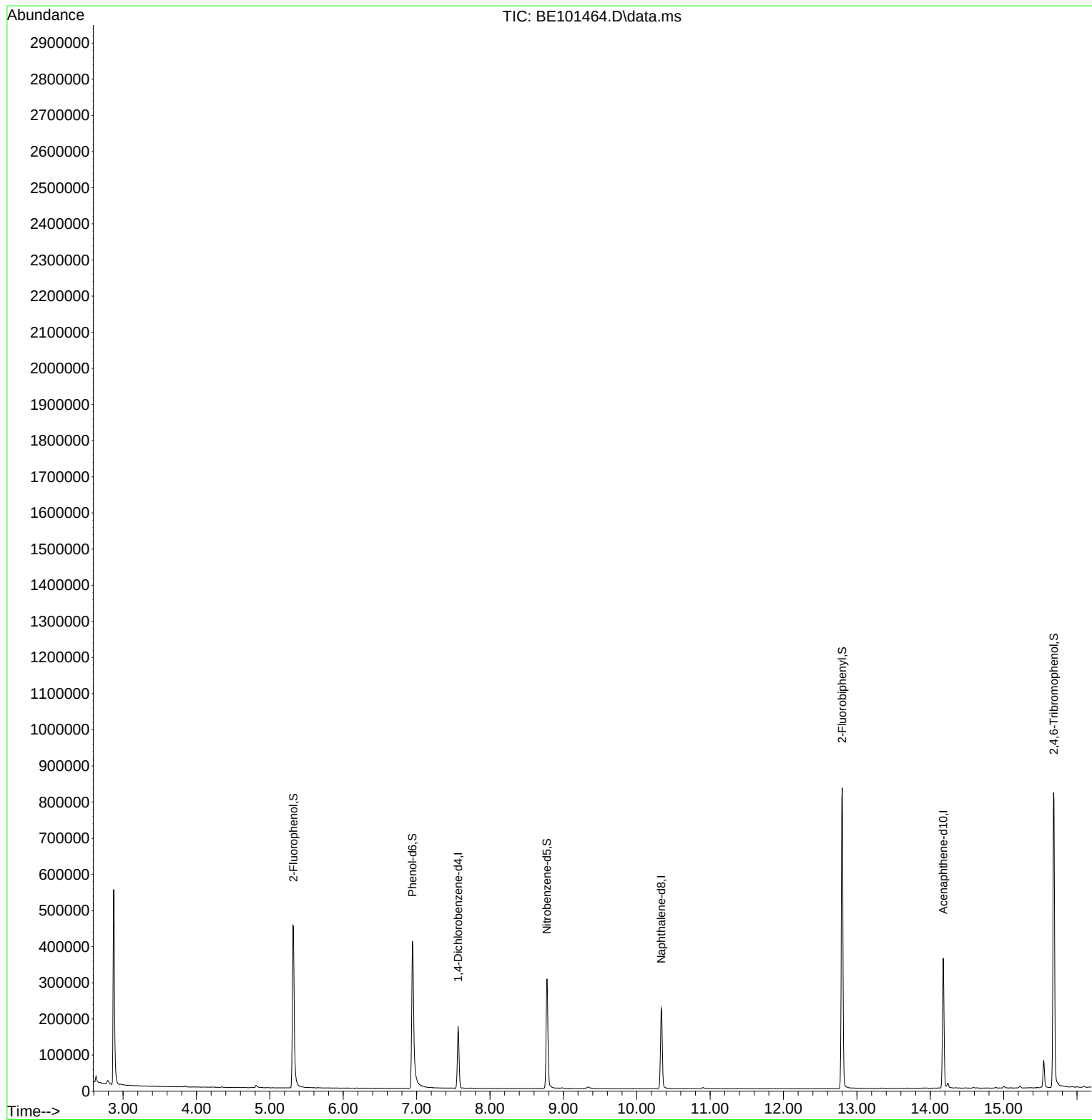
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.566	152	48630	20.000	ng	0.00
21) Naphthalene-d8	10.334	136	202752	20.000	ng	0.00
39) Acenaphthene-d10	14.176	164	127678	20.000	ng	0.00
64) Phenanthrene-d10	16.914	188	305050	20.000	ng	0.00
76) Chrysene-d12	21.074	240	475416	20.000	ng	0.00
86) Perylene-d12	23.365	264	662069	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	256661	92.503	ng	0.00
7) Phenol-d6	6.944	99	328612	85.413	ng	0.00
23) Nitrobenzene-d5	8.777	82	184786	57.244	ng	-0.01
42) 2,4,6-Tribromophenol	15.686	330	212768	95.080	ng	0.00
45) 2-Fluorobiphenyl	12.801	172	466605	61.891	ng	0.00
79) Terphenyl-d14	19.505	244	1214419	58.792	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	16.955	178	51891	3.553	ng	99
75) Fluoranthene	18.959	202	118861	6.700	ng	95
78) Pyrene	19.329	202	106060	4.057	ng	96
81) Benzo(a)anthracene	21.056	228	75915	2.841	ng	95
83) Chrysene	21.109	228	67175	2.600	ng	98
88) Benzo(b)fluoranthene	22.649	252	82947	2.404	ng	98
90) Benzo(a)pyrene	23.248	252	76123	2.523	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
Data File : BE101464.D
Acq On : 4 Nov 2024 20:26
Operator : RC/JU
Sample : P4675-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
COMP-2

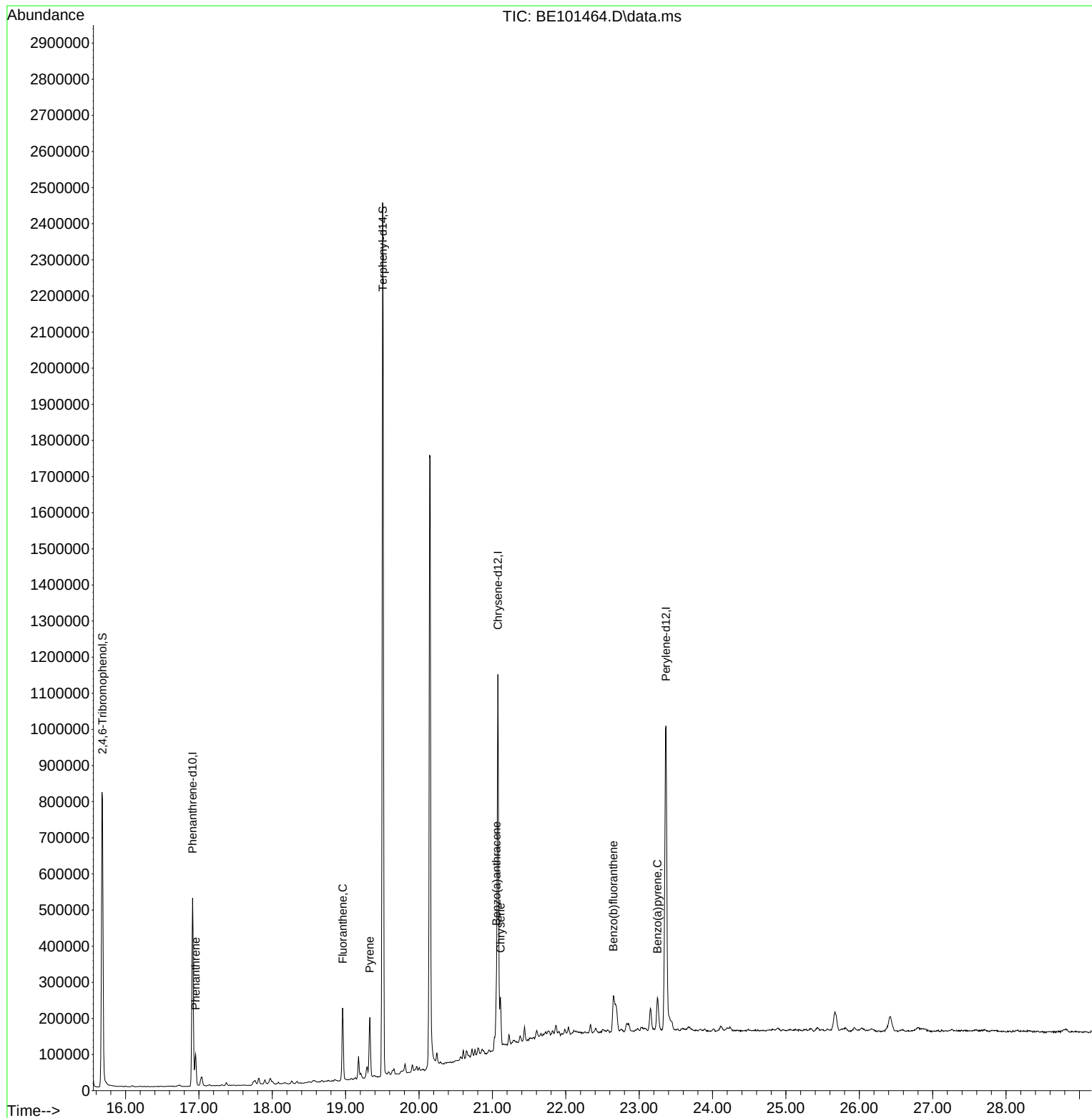
Quant Time: Nov 04 22:08:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

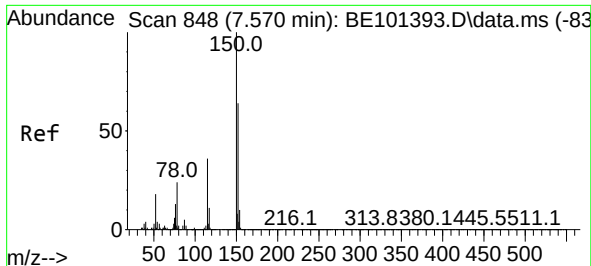


Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
Data File : BE101464.D
Acq On : 4 Nov 2024 20:26
Operator : RC/JU
Sample : P4675-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
COMP-2

Quant Time: Nov 04 22:08:03 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

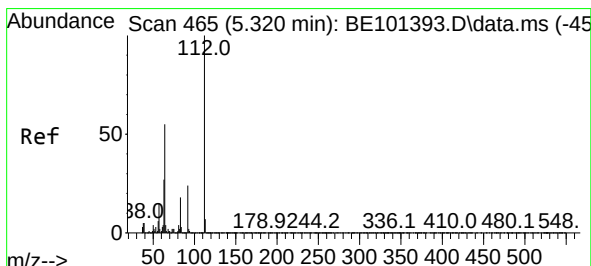
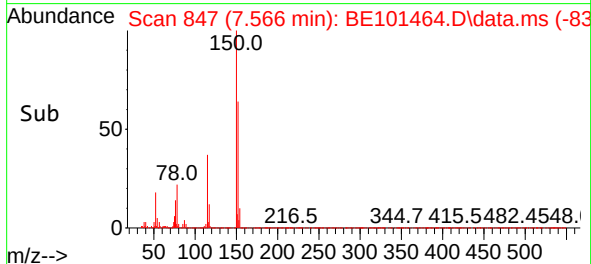
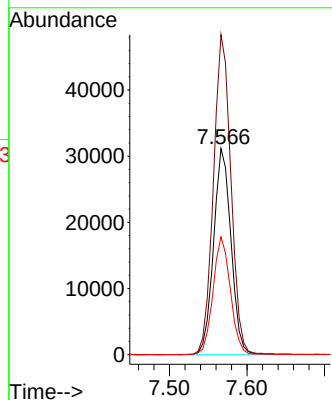
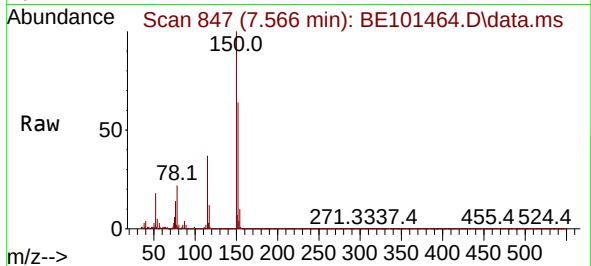




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.566 min Scan# 84
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

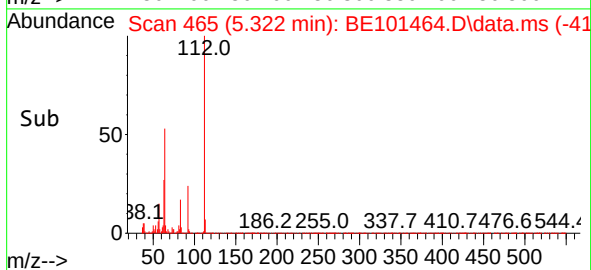
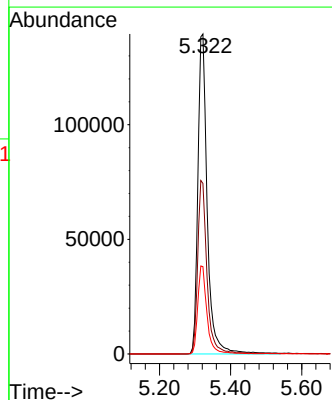
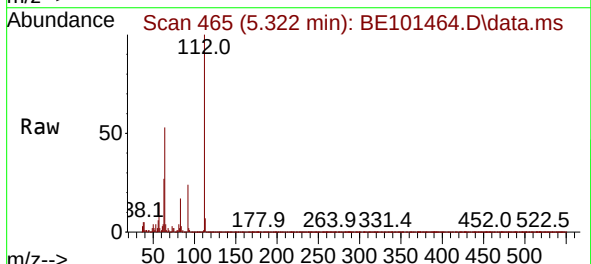
Instrument :
BNA_E
ClientSampleId :
COMP-2

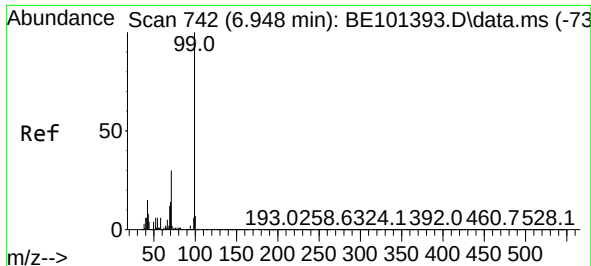
Tgt Ion:152 Resp: 48630
Ion Ratio Lower Upper
152 100
150 155.3 124.2 186.4
115 57.1 45.3 67.9



#5
2-Fluorophenol
Concen: 92.503 ng
RT: 5.322 min Scan# 465
Delta R.T. 0.002 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

Tgt Ion:112 Resp: 256661
Ion Ratio Lower Upper
112 100
64 53.3 43.7 65.5
63 27.3 21.4 32.2

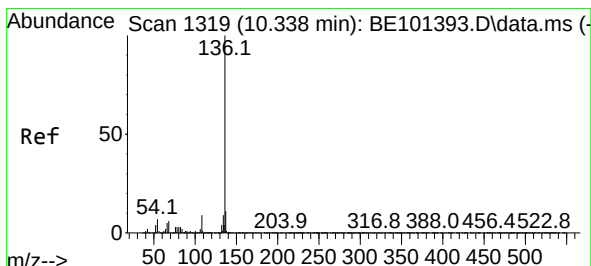
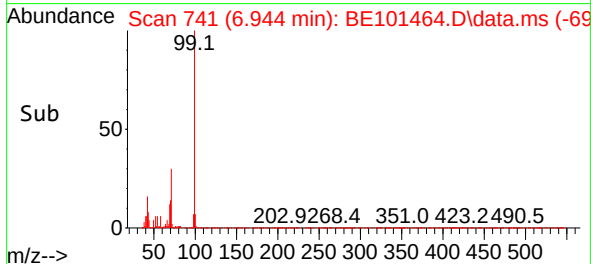
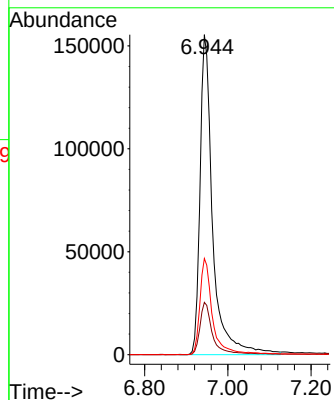
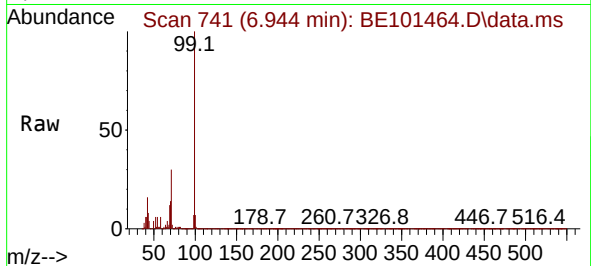




#7
Phenol-d6
Concen: 85.413 ng
RT: 6.944 min Scan# 741
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

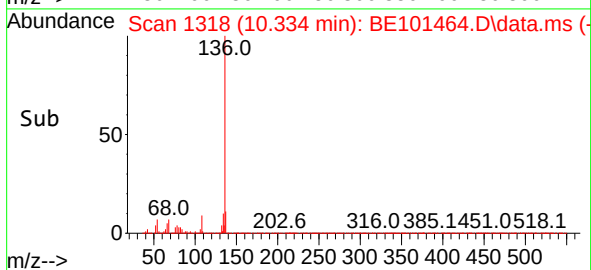
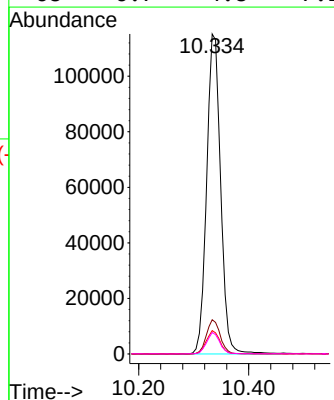
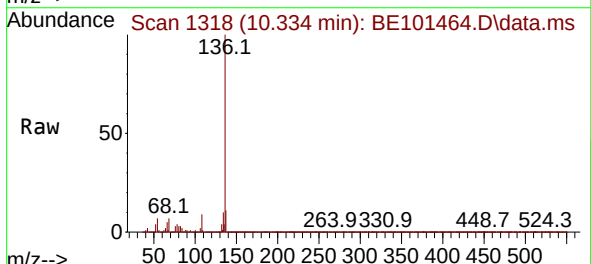
Instrument :
BNA_E
ClientSampleId :
COMP-2

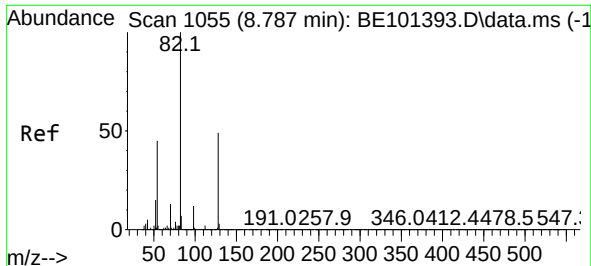
Tgt Ion: 99 Resp: 328612
Ion Ratio Lower Upper
99 100
42 16.3 12.3 18.5
71 30.1 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.334 min Scan# 1318
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

Tgt Ion: 136 Resp: 202752
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 7.3 5.9 8.9
68 6.7 4.8 7.2

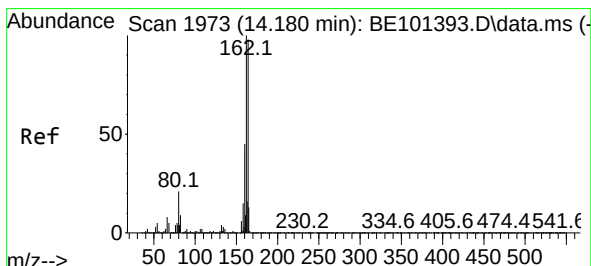
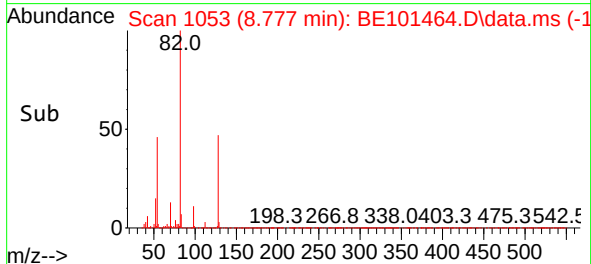
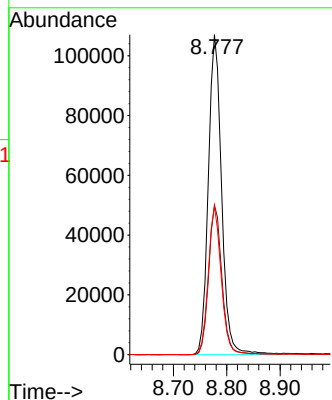
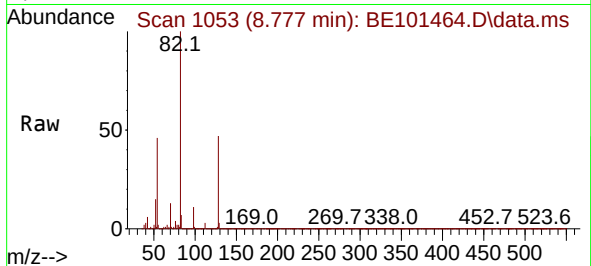




#23
Nitrobenzene-d5
Concen: 57.244 ng
RT: 8.777 min Scan# 1053
Delta R.T. -0.010 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

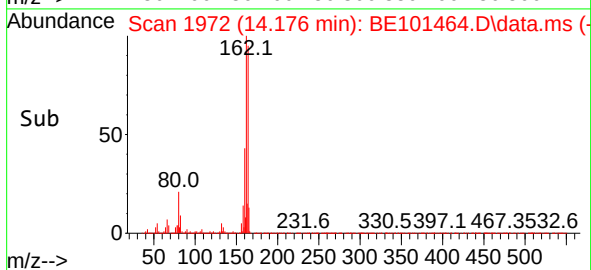
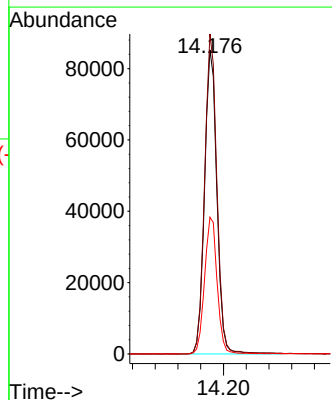
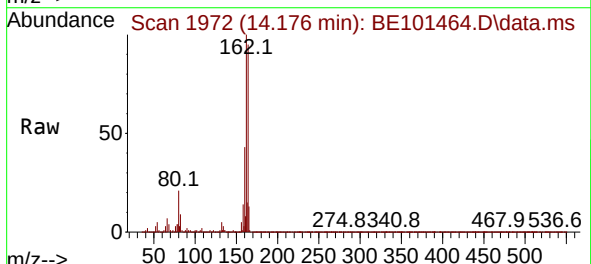
Instrument :
BNA_E
ClientSampleId :
COMP-2

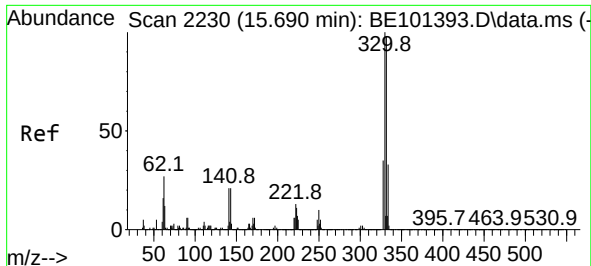
Tgt Ion: 82 Resp: 184786
Ion Ratio Lower Upper
82 100
128 46.8 38.9 58.3
54 46.5 36.2 54.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.176 min Scan# 1972
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

Tgt Ion: 164 Resp: 127678
Ion Ratio Lower Upper
164 100
162 105.2 81.3 121.9
160 44.9 36.4 54.6

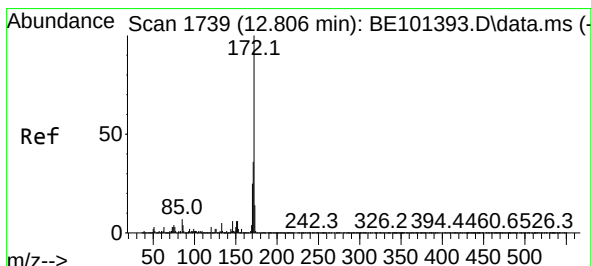
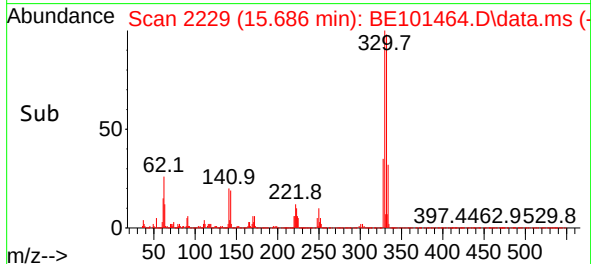
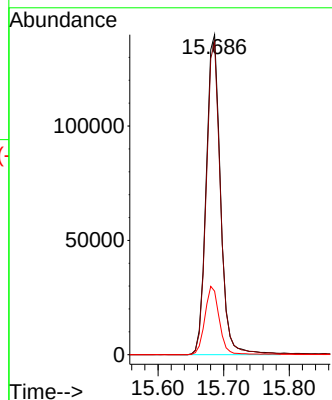
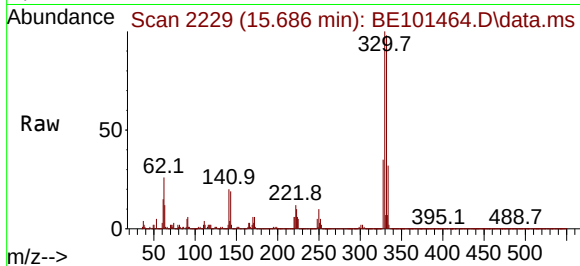




#42
2,4,6-Tribromophenol
Concen: 95.080 ng
RT: 15.686 min Scan# 21
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

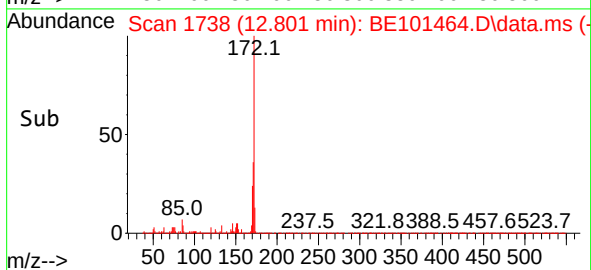
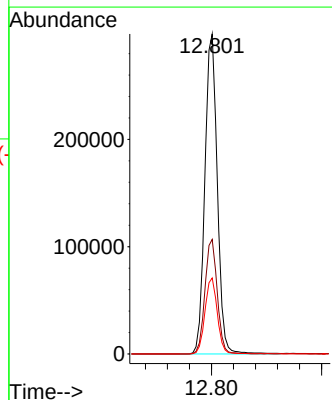
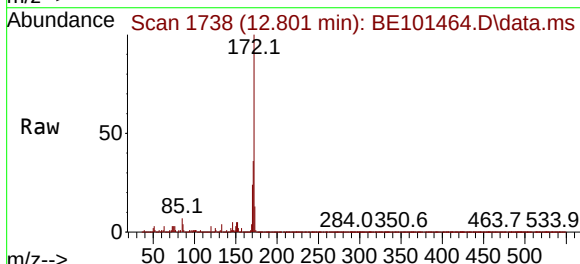
Instrument :
BNA_E
ClientSampleId :
COMP-2

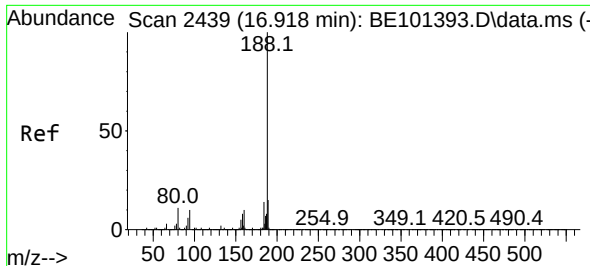
Tgt Ion:330 Resp: 212768
Ion Ratio Lower Upper
330 100
332 97.7 78.2 117.2
141 21.4 18.3 27.5



#45
2-Fluorobiphenyl
Concen: 61.891 ng
RT: 12.801 min Scan# 1738
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

Tgt Ion:172 Resp: 466605
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 23.7 19.8 29.6

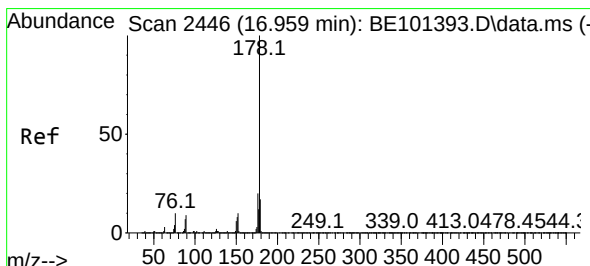
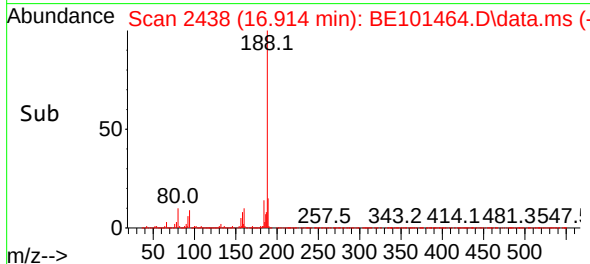
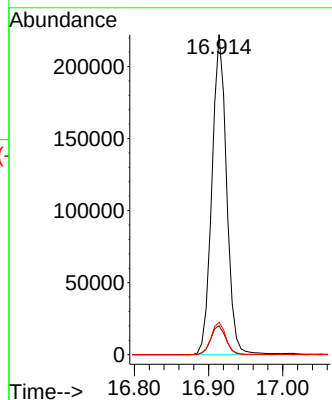
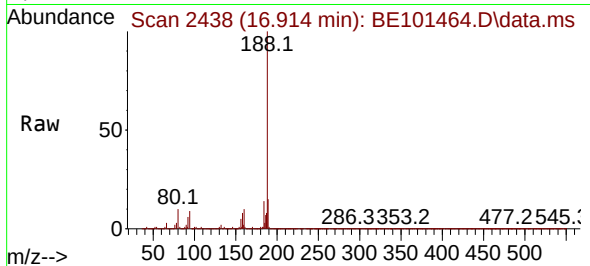




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.914 min Scan# 2438
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

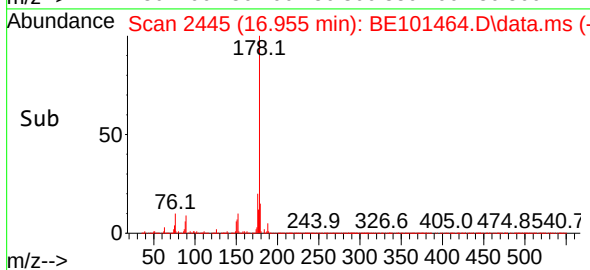
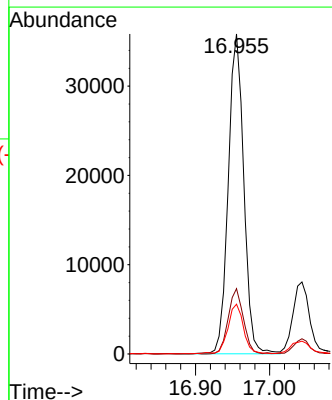
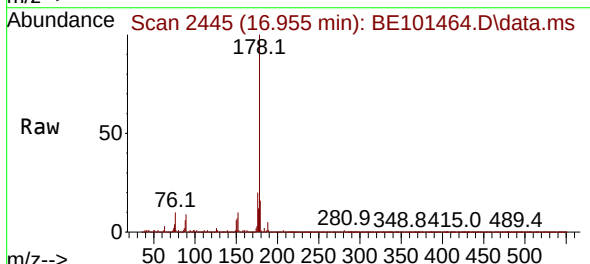
Instrument :
BNA_E
ClientSampleId :
COMP-2

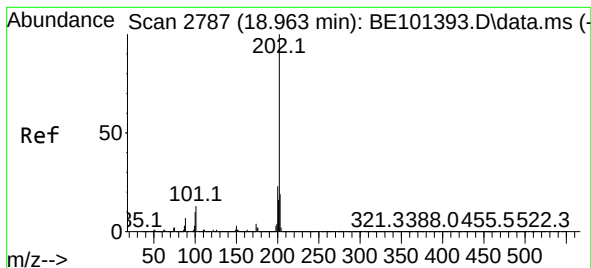
Tgt Ion:188 Resp: 305050
Ion Ratio Lower Upper
188 100
94 9.0 7.8 11.8
80 10.1 8.6 12.8



#71
Phenanthrene
Concen: 3.553 ng
RT: 16.955 min Scan# 2445
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

Tgt Ion:178 Resp: 51891
Ion Ratio Lower Upper
178 100
176 20.4 16.4 24.6
179 15.5 13.2 19.8





#75

Fluoranthene

Concen: 6.700 ng

RT: 18.959 min Scan# 21

Delta R.T. -0.004 min

Lab File: BE101464.D

Acq: 4 Nov 2024 20:26

Instrument :

BNA_E

ClientSampleId :

COMP-2

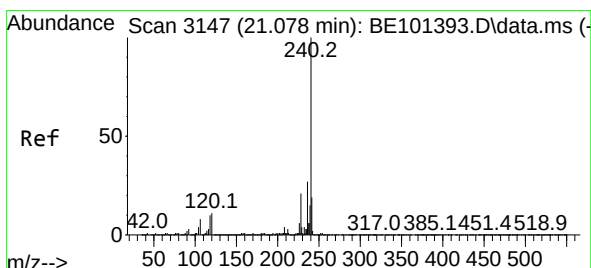
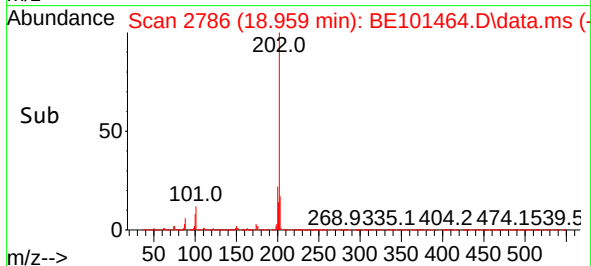
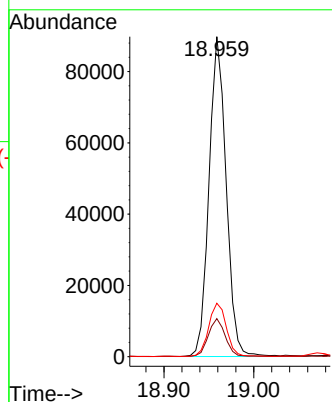
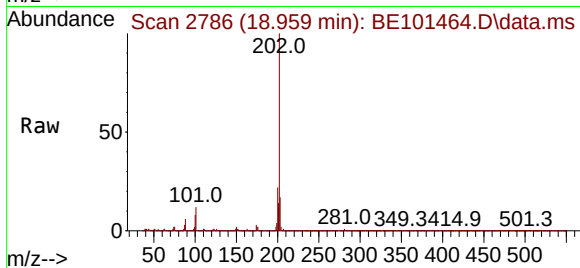
Tgt Ion:202 Resp: 118861

Ion Ratio Lower Upper

202 100

101 11.9 0.0 33.3

203 16.7 0.0 39.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.074 min Scan# 3146

Delta R.T. -0.004 min

Lab File: BE101464.D

Acq: 4 Nov 2024 20:26

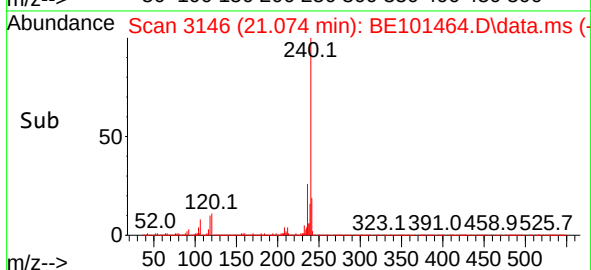
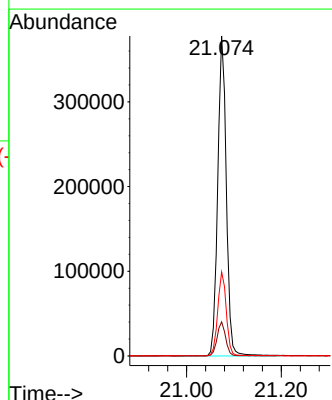
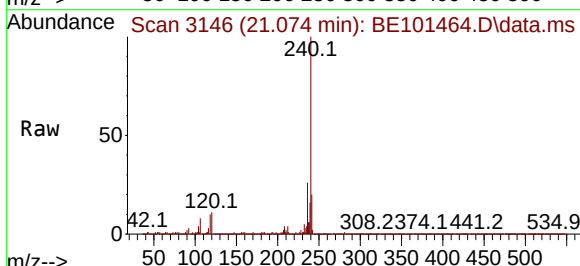
Tgt Ion:240 Resp: 475416

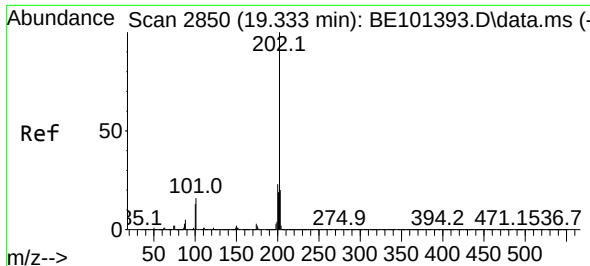
Ion Ratio Lower Upper

240 100

120 10.6 9.0 13.4

236 26.3 21.4 32.0

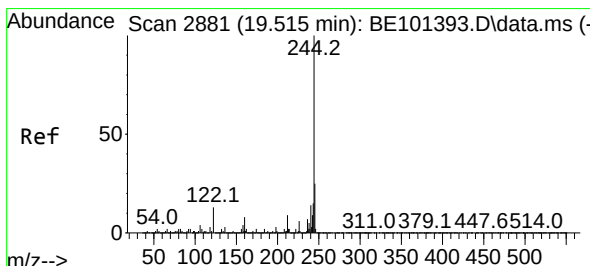
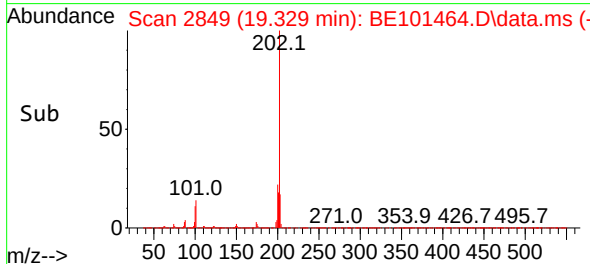
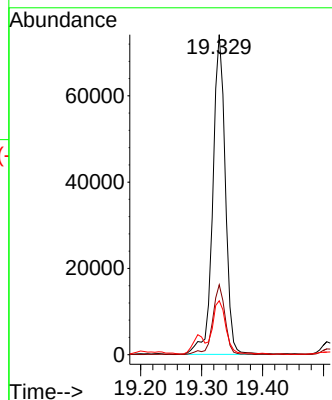
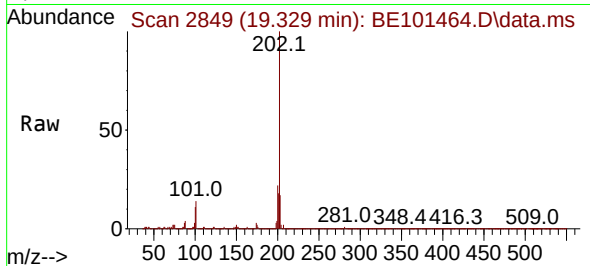




#78
Pyrene
Concen: 4.057 ng
RT: 19.329 min Scan# 2849
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

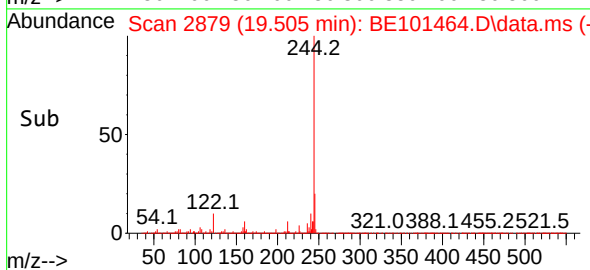
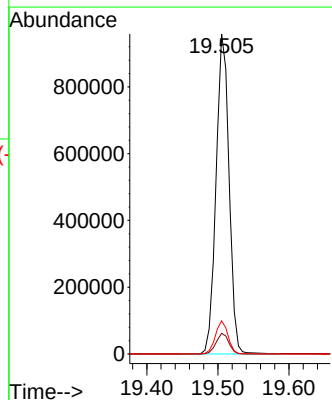
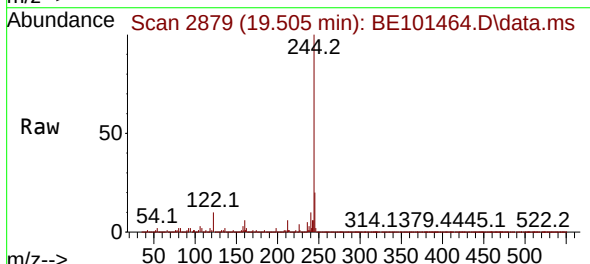
Instrument :
BNA_E
ClientSampleId :
COMP-2

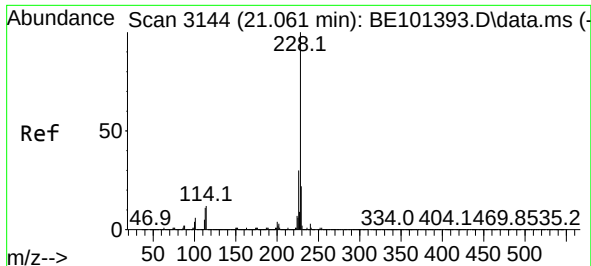
Tgt Ion:202 Resp: 106060
Ion Ratio Lower Upper
202 100
200 21.9 18.6 28.0
203 16.9 15.6 23.4



#79
Terphenyl-d14
Concen: 58.792 ng
RT: 19.505 min Scan# 2879
Delta R.T. -0.010 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

Tgt Ion:244 Resp: 1214419
Ion Ratio Lower Upper
244 100
212 6.4 7.2 10.8#
122 10.4 10.4 15.6#

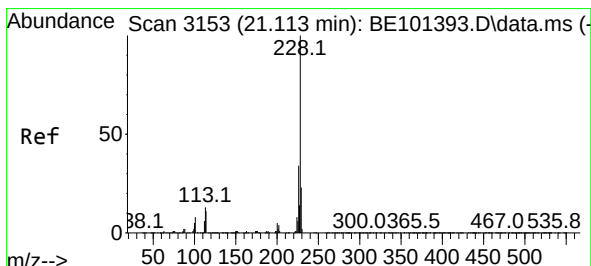
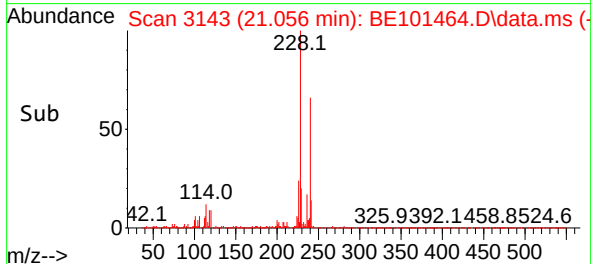
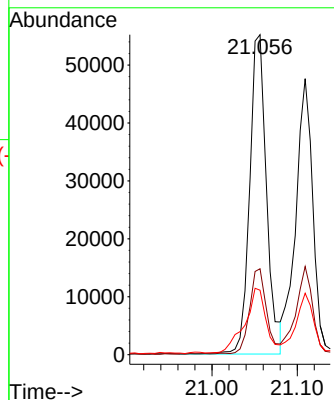
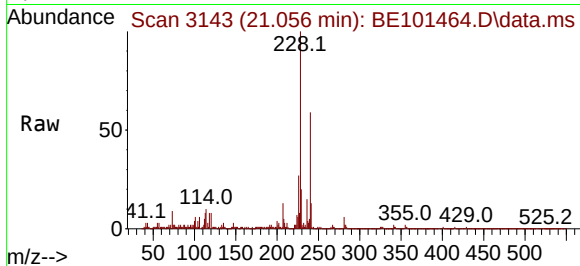




#81
Benzo(a)anthracene
Concen: 2.841 ng
RT: 21.056 min Scan# 3143
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

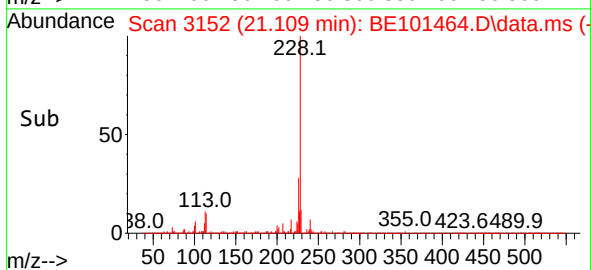
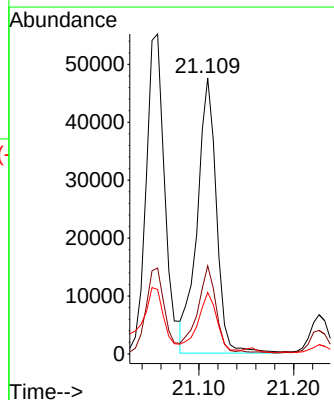
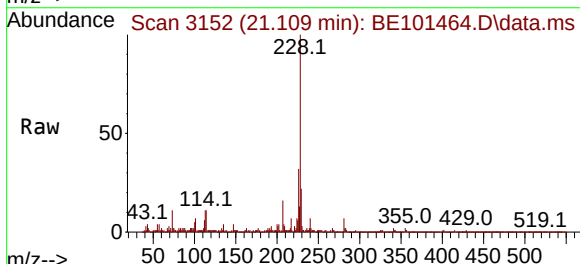
Instrument :
BNA_E
ClientSampleId :
COMP-2

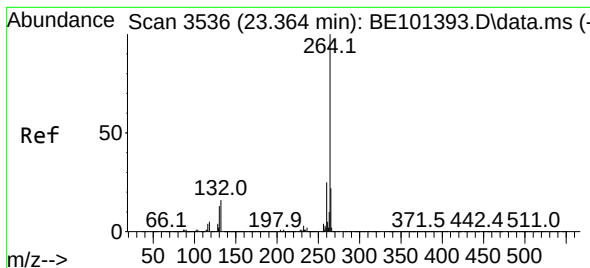
Tgt Ion:228 Resp: 75915
Ion Ratio Lower Upper
228 100
226 26.8 24.1 36.1
229 20.2 17.3 25.9



#83
Chrysene
Concen: 2.600 ng
RT: 21.109 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BE101464.D
Acq: 4 Nov 2024 20:26

Tgt Ion:228 Resp: 67175
Ion Ratio Lower Upper
228 100
226 32.0 27.2 40.8
229 22.3 18.0 27.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.365 min Scan# 3

Delta R.T. 0.002 min

Lab File: BE101464.D

Acq: 4 Nov 2024 20:26

Instrument :

BNA_E

ClientSampleId :

COMP-2

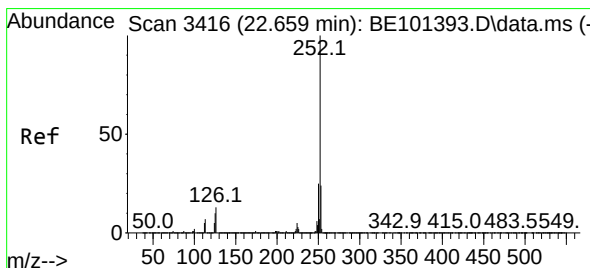
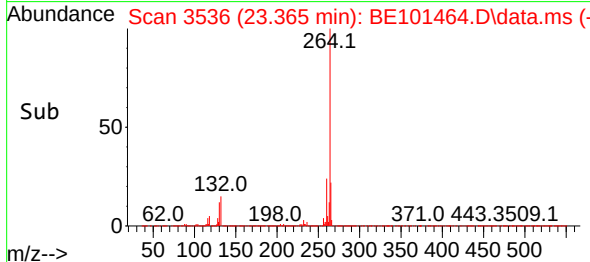
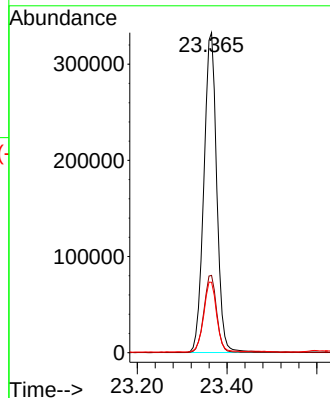
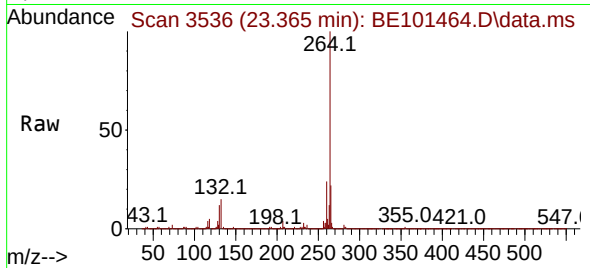
Tgt Ion:264 Resp: 662069

Ion Ratio Lower Upper

264 100

260 24.2 19.8 29.8

265 22.0 17.6 26.4



#88

Benzo(b)fluoranthene

Concen: 2.404 ng

RT: 22.649 min Scan# 3414

Delta R.T. -0.010 min

Lab File: BE101464.D

Acq: 4 Nov 2024 20:26

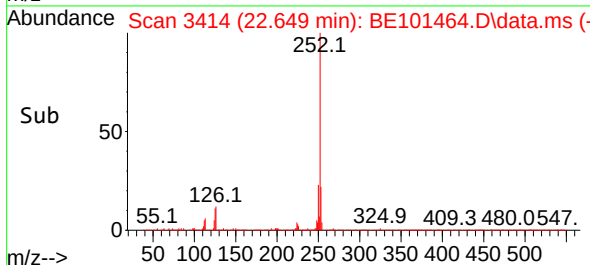
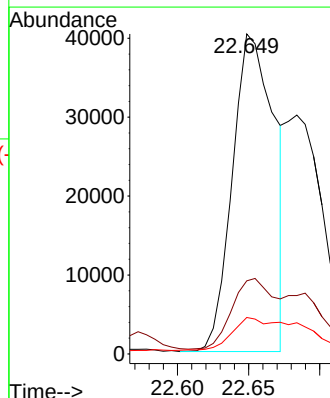
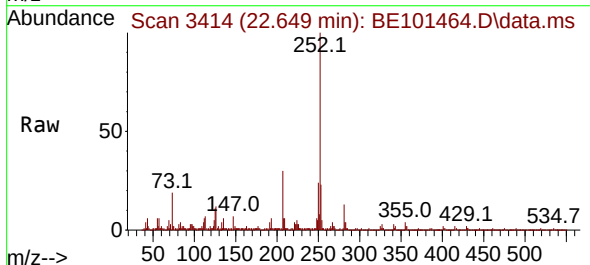
Tgt Ion:252 Resp: 82947

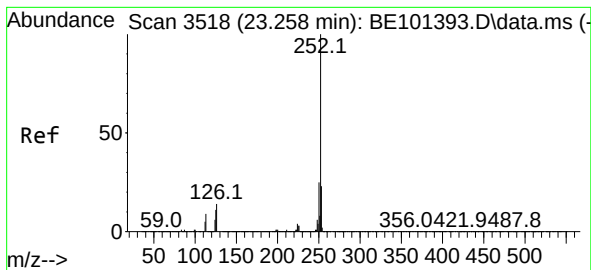
Ion Ratio Lower Upper

252 100

253 22.9 19.0 28.6

125 11.4 8.2 12.2





#90

Benzo(a)pyrene

Concen: 2.523 ng

RT: 23.248 min Scan# 31

Delta R.T. -0.010 min

Lab File: BE101464.D

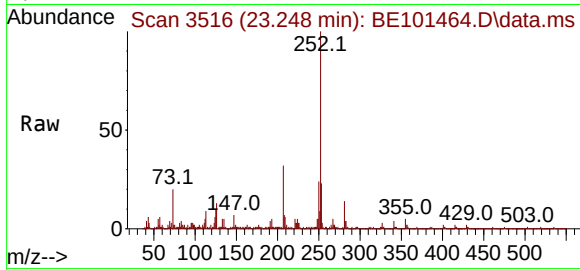
Acq: 4 Nov 2024 20:26

Instrument :

BNA_E

ClientSampleId :

COMP-2



Tgt Ion:252 Resp: 76123

Ion Ratio Lower Upper

252 100

253 23.4 18.4 27.6

125 10.5 9.0 13.6

