

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
 Data File : BE101475.D
 Acq On : 5 Nov 2024 12:44
 Operator : RC/JU
 Sample : P4680-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 05 12:24:25 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)

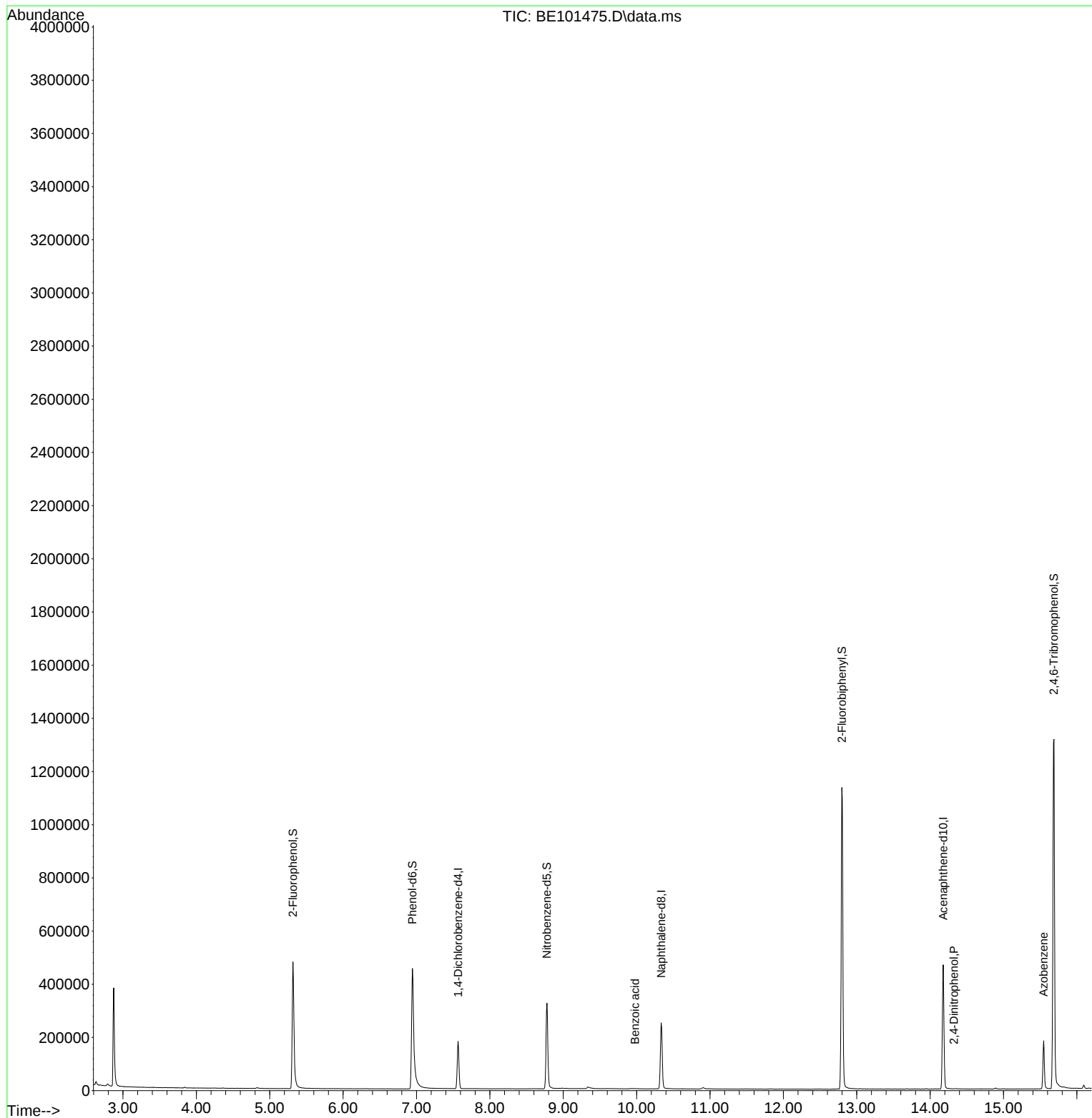
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.567	152	51484	20.000	ng	0.00
21) Naphthalene-d8	10.335	136	225891	20.000	ng	0.00
39) Acenaphthene-d10	14.177	164	169736	20.000	ng	0.00
64) Phenanthrene-d10	16.915	188	421671	20.000	ng	0.00
76) Chrysene-d12	21.075	240	494108	20.000	ng	0.00
86) Perylene-d12	23.367	264	618318	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.317	112	260047	88.528	ng	0.00
7) Phenol-d6	6.945	99	384644	94.435	ng	0.00
23) Nitrobenzene-d5	8.778	82	198303	55.138	ng	0.00
42) 2,4,6-Tribromophenol	15.687	330	349275	117.406	ng	0.00
45) 2-Fluorobiphenyl	12.797	172	630559	62.914	ng	0.00
79) Terphenyl-d14	19.506	244	1663081	77.466	ng	0.00
Target Compounds						
32) Benzoic acid	9.976	122	16	8.221	ng	Qvalue 89
54) 2,4-Dinitrophenol	14.324	184	22	5.627	ng	86
63) Azobenzene	15.546	77	50280	4.668	ng	# 1

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

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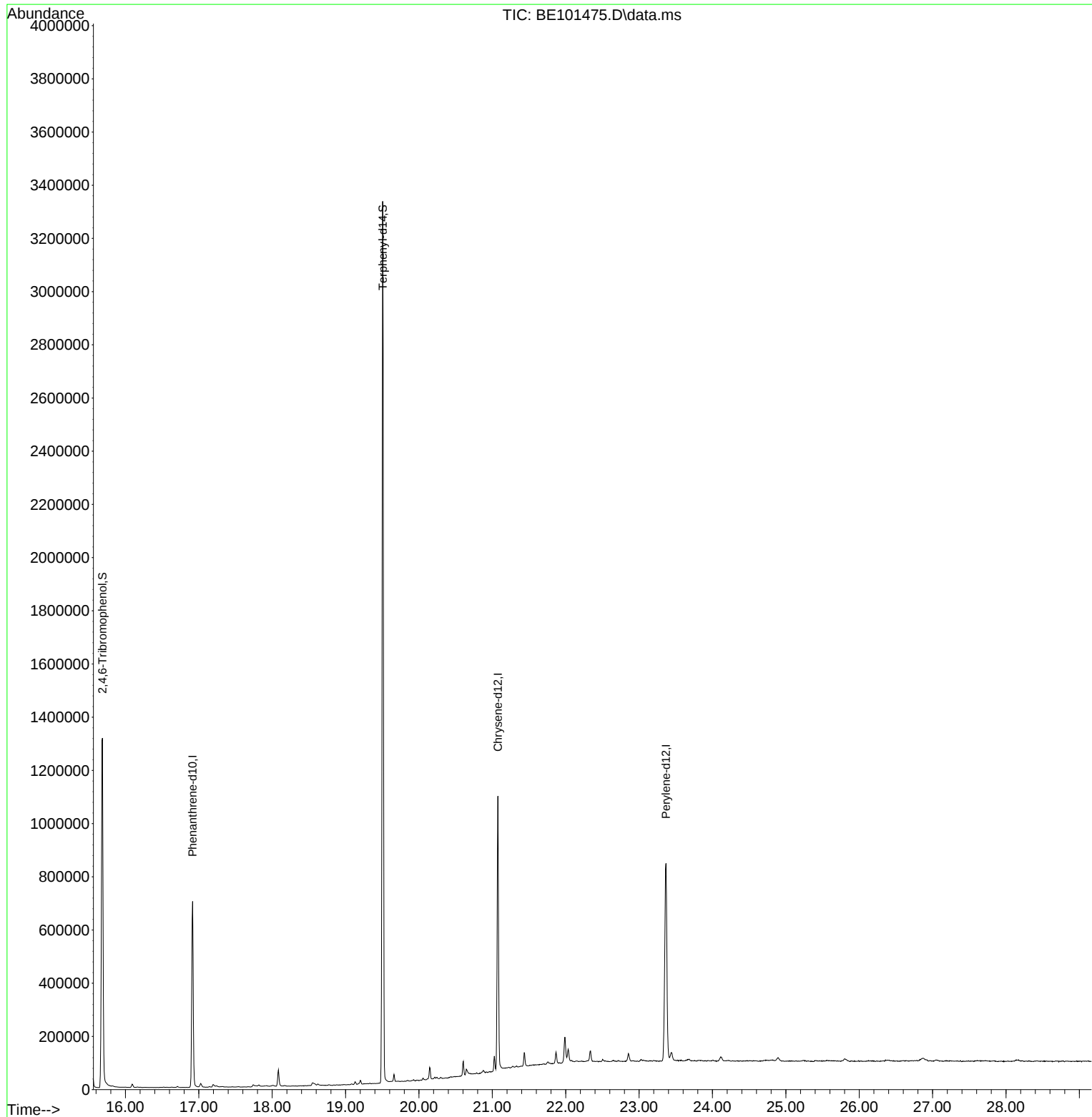
Quant Time: Nov 05 12:24:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 29 01:26:30 2024
Response via : Initial Calibration

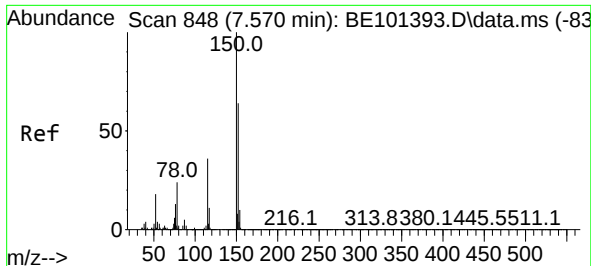


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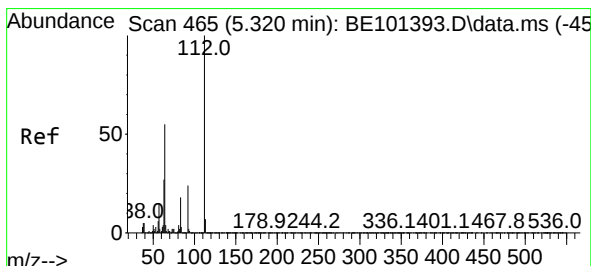
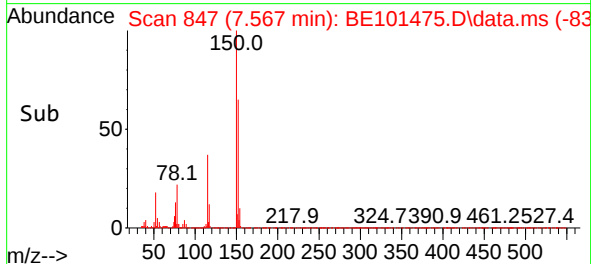
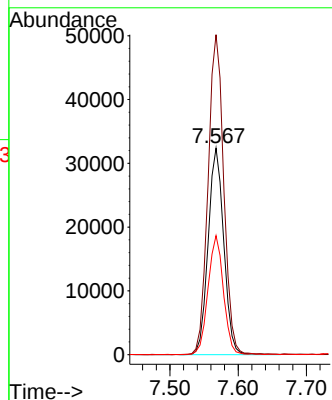
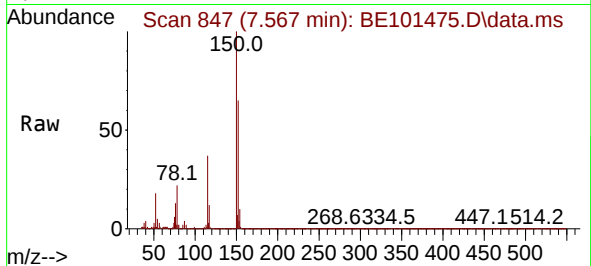




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.567 min Scan# 84
Delta R.T. -0.003 min
Lab File: BE101475.D
Acq: 5 Nov 2024 12:44

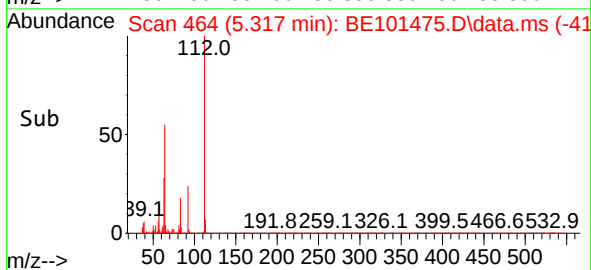
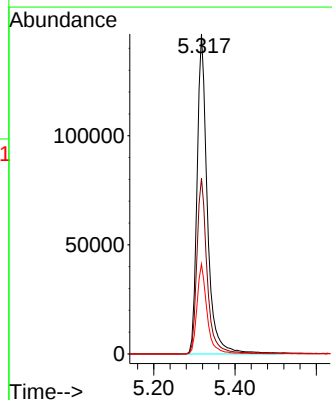
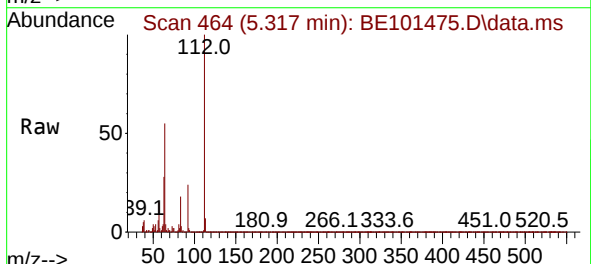
Instrument :
BNA_E
ClientSampleId :

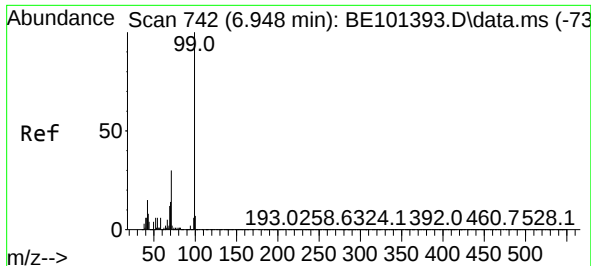
Tgt Ion:152 Resp: 51484
Ion Ratio Lower Upper
152 100
150 154.9 124.2 186.4
115 57.6 45.3 67.9



#5
2-Fluorophenol
Concen: 88.528 ng
RT: 5.317 min Scan# 464
Delta R.T. -0.003 min
Lab File: BE101475.D
Acq: 5 Nov 2024 12:44

Tgt Ion:112 Resp: 260047
Ion Ratio Lower Upper
112 100
64 54.9 43.7 65.5
63 28.1 21.4 32.2

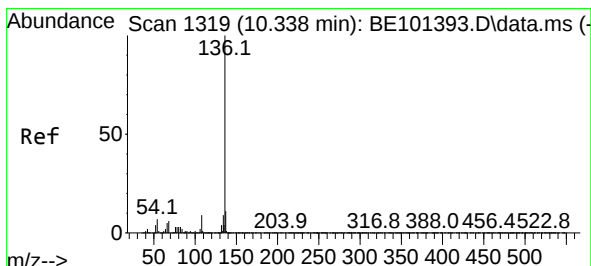
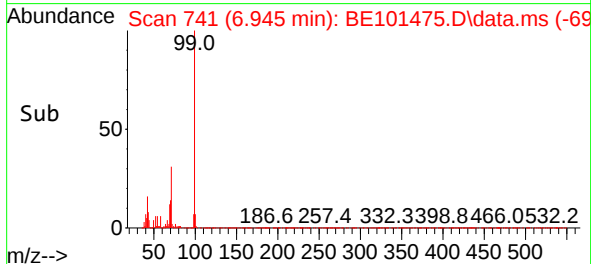
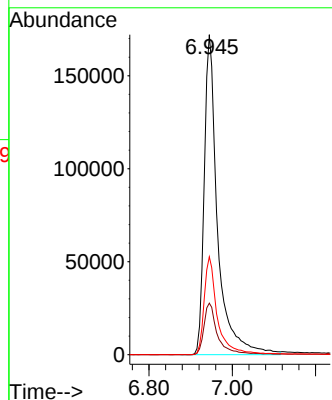
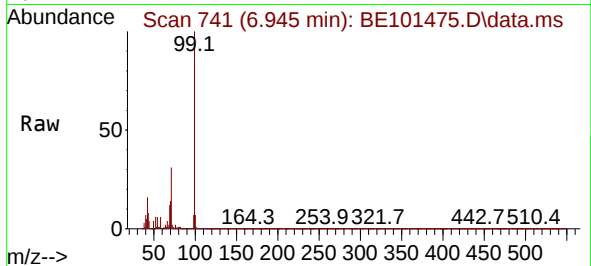




#7
Phenol-d6
Concen: 94.435 ng
RT: 6.945 min Scan# 741
Delta R.T. -0.003 min
Lab File: BE101475.D
Acq: 5 Nov 2024 12:44

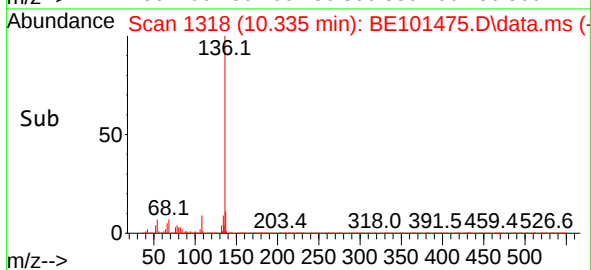
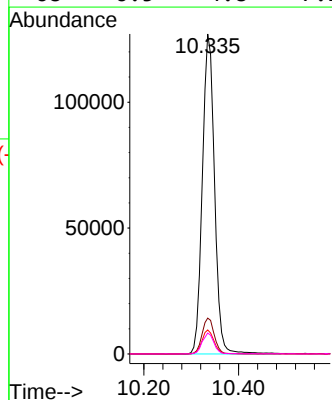
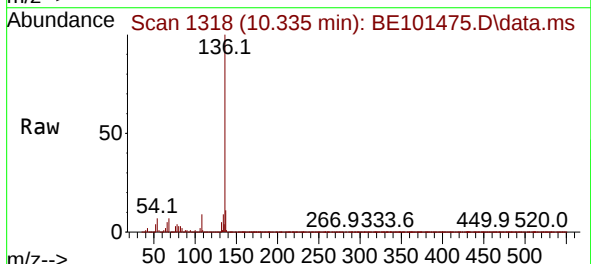
Instrument :
BNA_E
ClientSampleId :

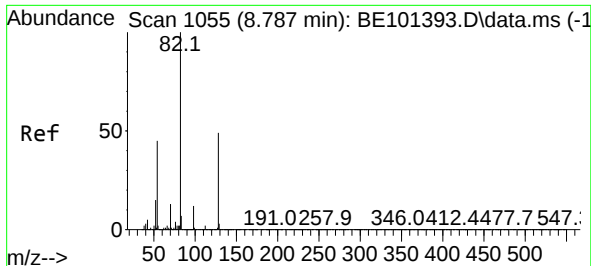
Tgt Ion: 99 Resp: 384644
Ion Ratio Lower Upper
99 100
42 16.1 12.3 18.5
71 30.6 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.335 min Scan# 1318
Delta R.T. -0.003 min
Lab File: BE101475.D
Acq: 5 Nov 2024 12:44

Tgt Ion: 136 Resp: 225891
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 7.5 5.9 8.9
68 6.5 4.8 7.2

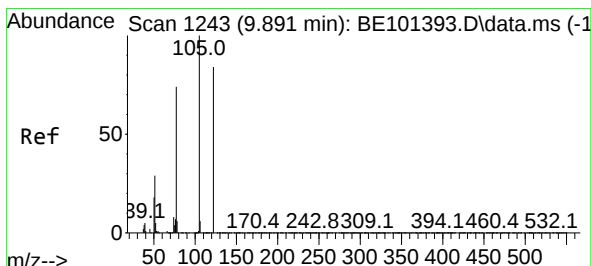
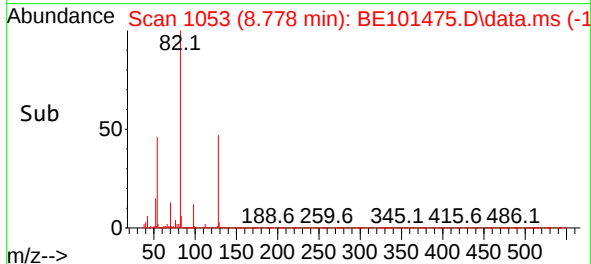
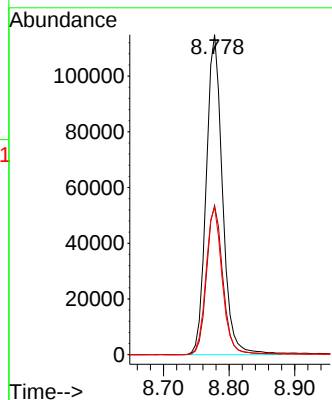
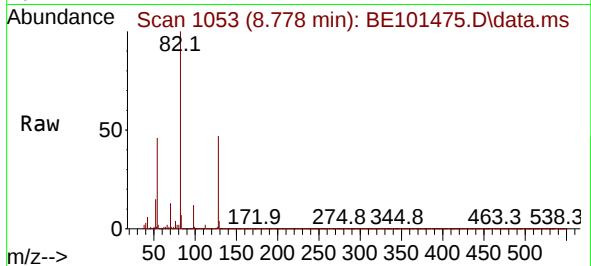




#23
Nitrobenzene-d5
Concen: 55.138 ng
RT: 8.778 min Scan# 1053
Delta R.T. -0.009 min
Lab File: BE101475.D
Acq: 5 Nov 2024 12:44

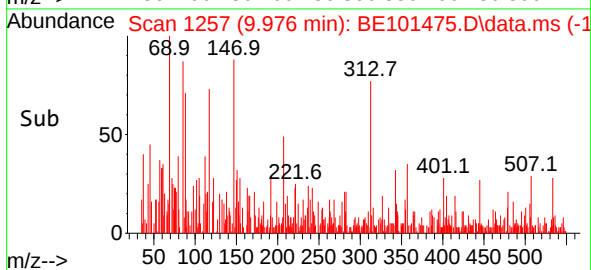
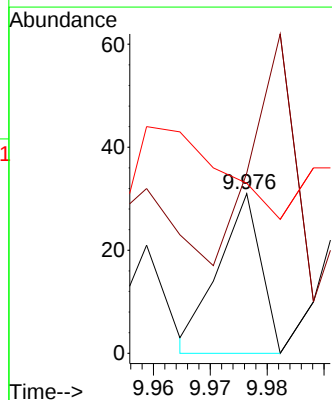
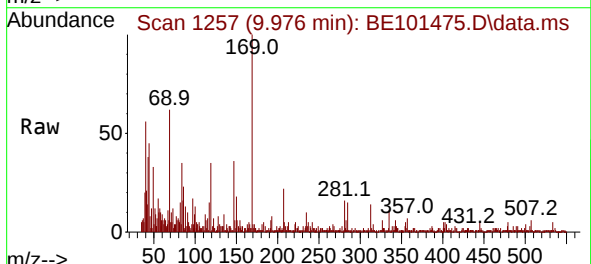
Instrument :
BNA_E
ClientSampleId :

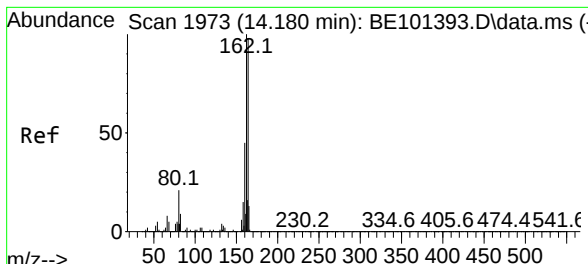
Tgt Ion: 82 Resp: 198303
Ion Ratio Lower Upper
82 100
128 46.6 38.9 58.3
54 46.1 36.2 54.4



#32
Benzoic acid
Concen: 8.221 ng
RT: 9.976 min Scan# 1257
Delta R.T. 0.085 min
Lab File: BE101475.D
Acq: 5 Nov 2024 12:44

Tgt Ion:122 Resp: 16
Ion Ratio Lower Upper
122 100
105 112.9 97.9 137.9
77 106.5 68.1 108.1

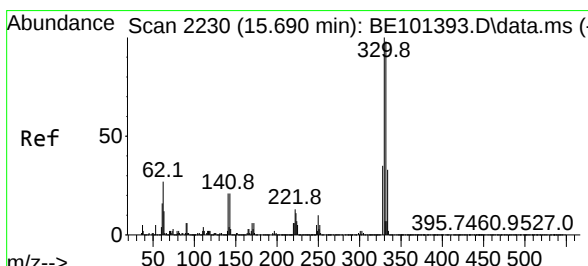
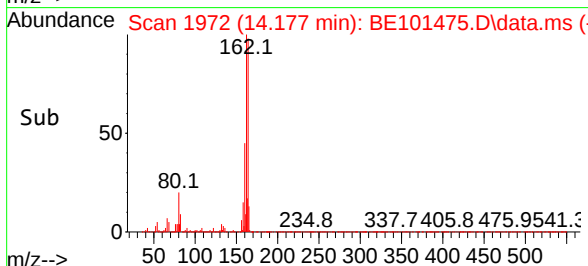
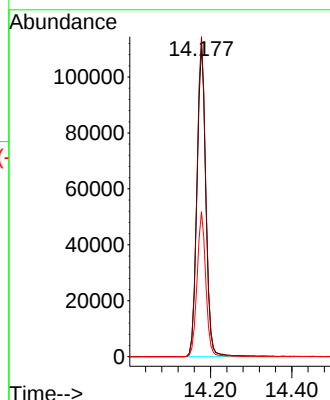
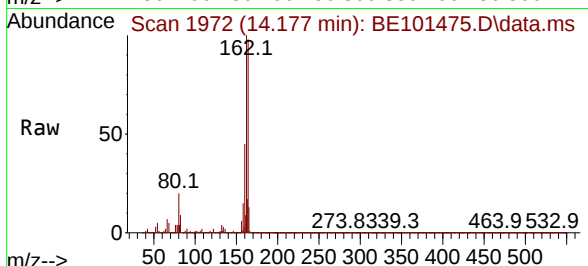




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.177 min Scan# 1973
Delta R.T. -0.003 min
Lab File: BE101475.D
Acq: 5 Nov 2024 12:44

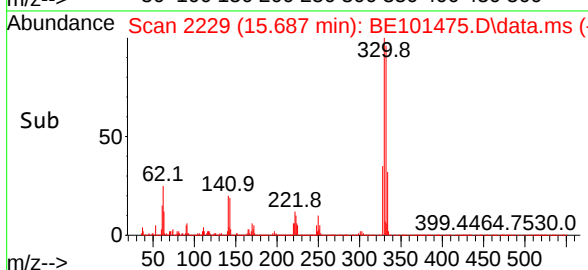
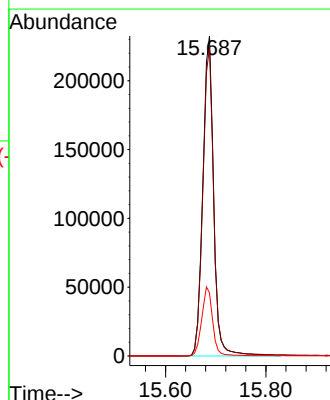
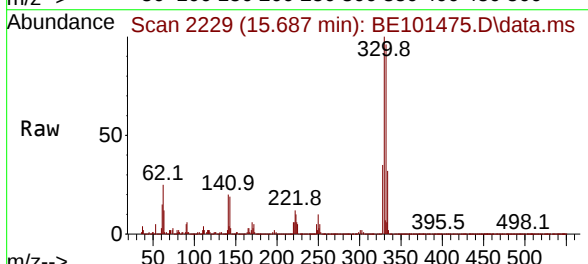
Instrument :
BNA_E
ClientSampleId :

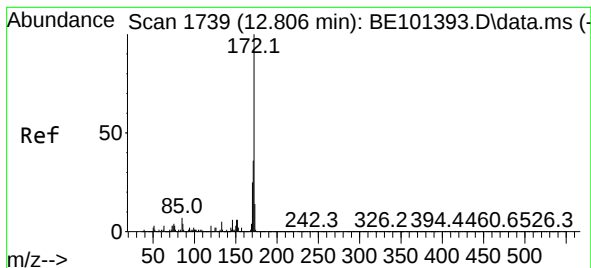
Tgt Ion:164 Resp: 169736
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 46.5 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 117.406 ng
RT: 15.687 min Scan# 2229
Delta R.T. -0.003 min
Lab File: BE101475.D
Acq: 5 Nov 2024 12:44

Tgt Ion:330 Resp: 349275
Ion Ratio Lower Upper
330 100
332 97.3 78.2 117.2
141 21.8 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 62.914 ng

RT: 12.797 min Scan# 1

Delta R.T. -0.009 min

Lab File: BE101475.D

Acq: 5 Nov 2024 12:44

Instrument :

BNA_E

ClientSampleId :

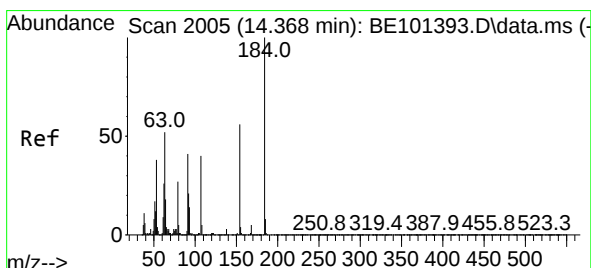
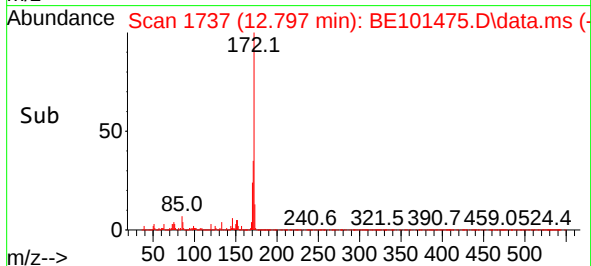
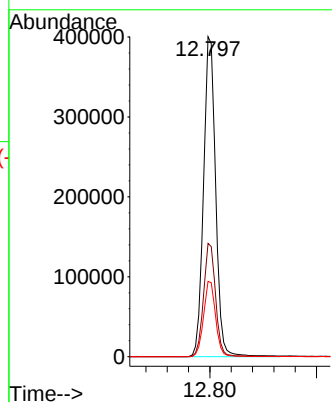
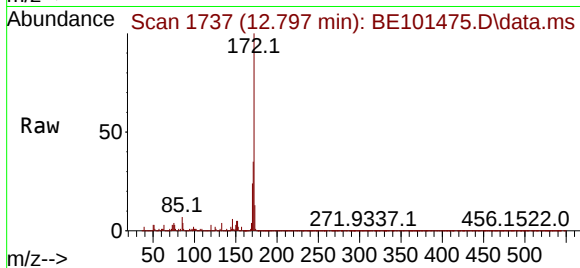
Tgt Ion:172 Resp: 630559

Ion Ratio Lower Upper

172 100

171 35.4 29.2 43.8

170 23.5 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.627 ng

RT: 14.324 min Scan# 1997

Delta R.T. -0.044 min

Lab File: BE101475.D

Acq: 5 Nov 2024 12:44

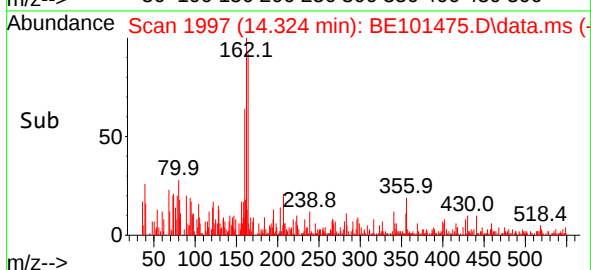
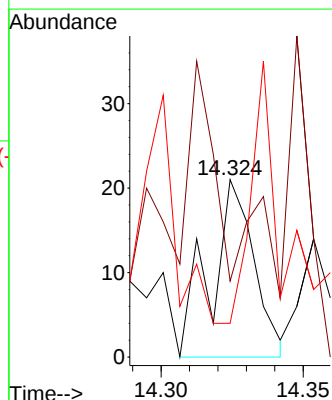
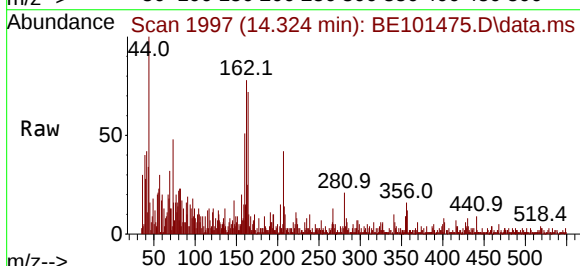
Tgt Ion:184 Resp: 22

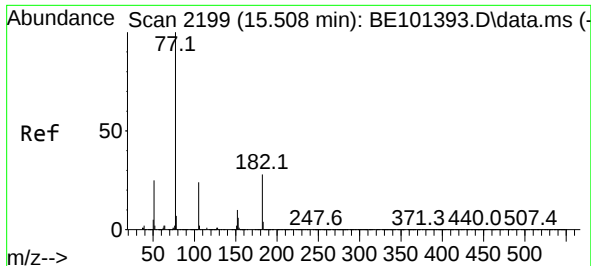
Ion Ratio Lower Upper

184 100

63 42.9 41.8 62.6

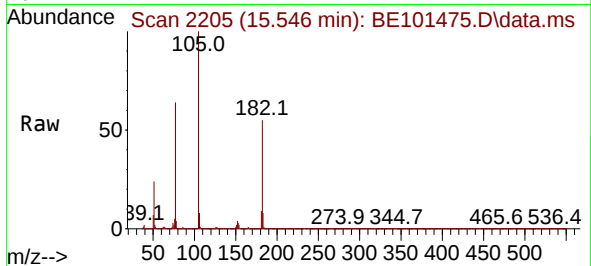
154 66.7 44.9 67.3



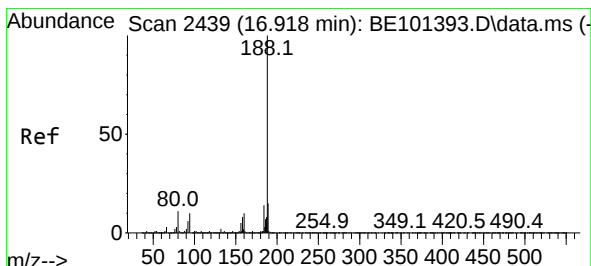
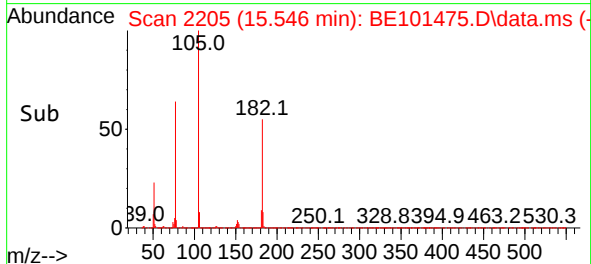
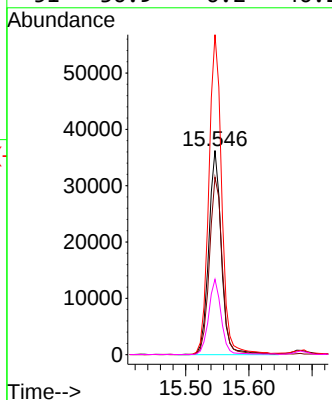


#63
Azobenzene
Concen: 4.668 ng
RT: 15.546 min Scan# 2199
Delta R.T. 0.038 min
Lab File: BE101475.D
Acq: 5 Nov 2024 12:44

Instrument :
BNA_E
ClientSampleId :

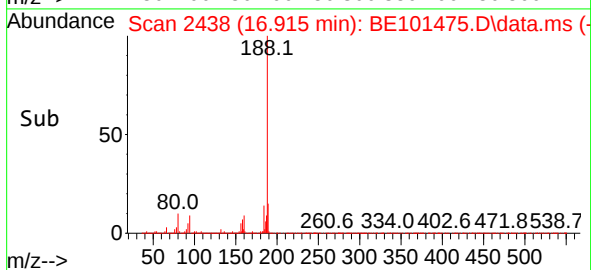
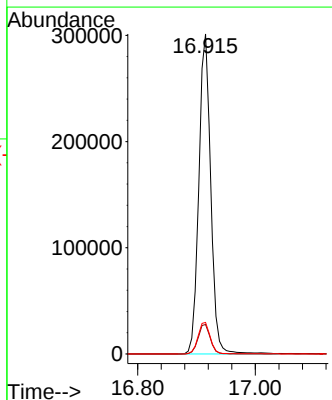
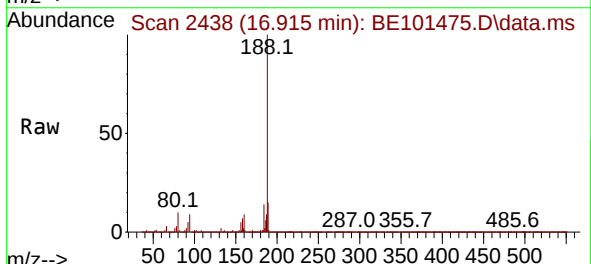


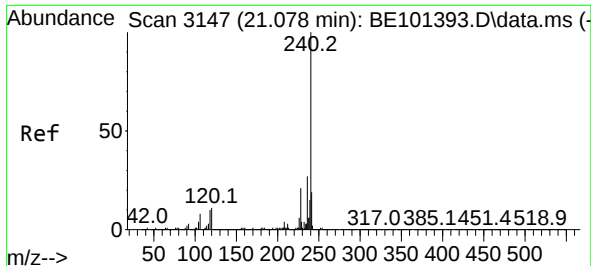
Tgt Ion: 77 Resp: 50280
Ion Ratio Lower Upper
77 100
182 86.9 7.6 47.6#
105 156.8 3.2 43.2#
51 36.9 6.2 46.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.915 min Scan# 2438
Delta R.T. -0.003 min
Lab File: BE101475.D
Acq: 5 Nov 2024 12:44

Tgt Ion: 188 Resp: 421671
Ion Ratio Lower Upper
188 100
94 9.2 7.8 11.8
80 9.9 8.6 12.8

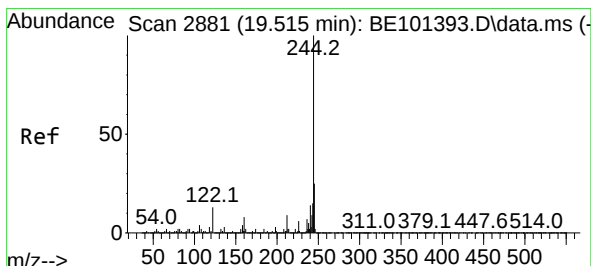
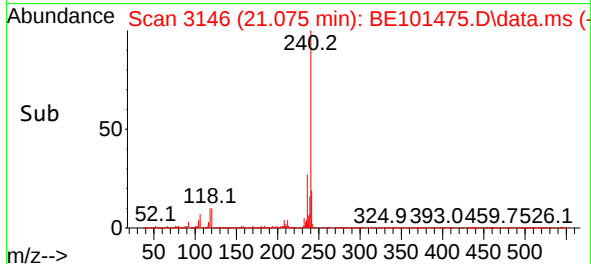
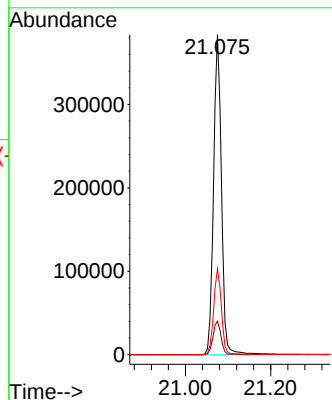
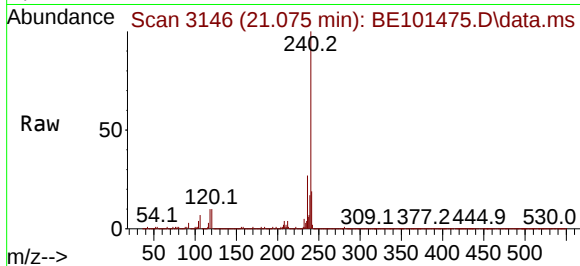




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.075 min Scan# 3147
Delta R.T. -0.003 min
Lab File: BE101475.D
Acq: 5 Nov 2024 12:44

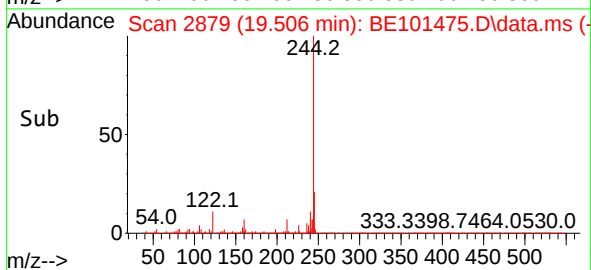
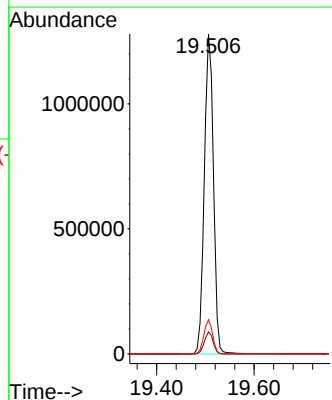
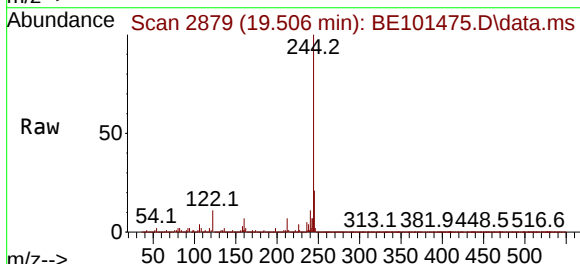
Instrument :
BNA_E
ClientSampleId :

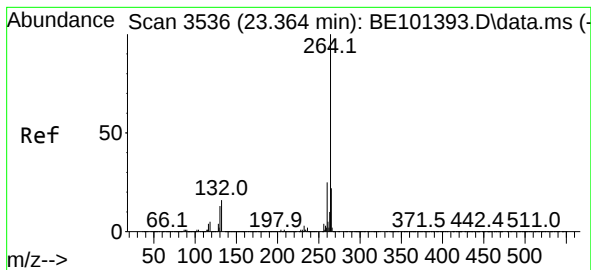
Tgt Ion:240 Resp: 494108
Ion Ratio Lower Upper
240 100
120 10.4 9.0 13.4
236 26.8 21.4 32.0



#79
Terphenyl-d14
Concen: 77.466 ng
RT: 19.506 min Scan# 2879
Delta R.T. -0.009 min
Lab File: BE101475.D
Acq: 5 Nov 2024 12:44

Tgt Ion:244 Resp: 1663081
Ion Ratio Lower Upper
244 100
212 6.9 7.2 10.8#
122 10.7 10.4 15.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.367 min Scan# 3

Delta R.T. 0.003 min

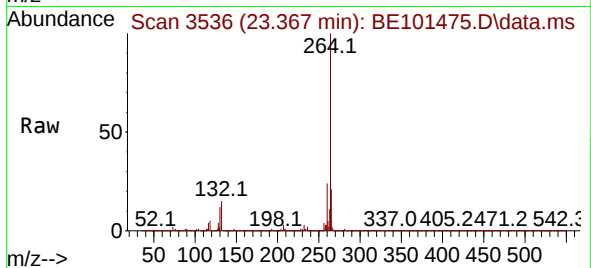
Lab File: BE101475.D

Acq: 5 Nov 2024 12:44

Instrument :

BNA_E

ClientSampleId :



Tgt Ion:264 Resp: 618318

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.8
265	21.3	17.6	26.4

