

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110124\
 Data File : BE101445.D
 Acq On : 1 Nov 2024 10:17
 Operator : RC/JU
 Sample : PB164558BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Nov 01 11:48:29 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)

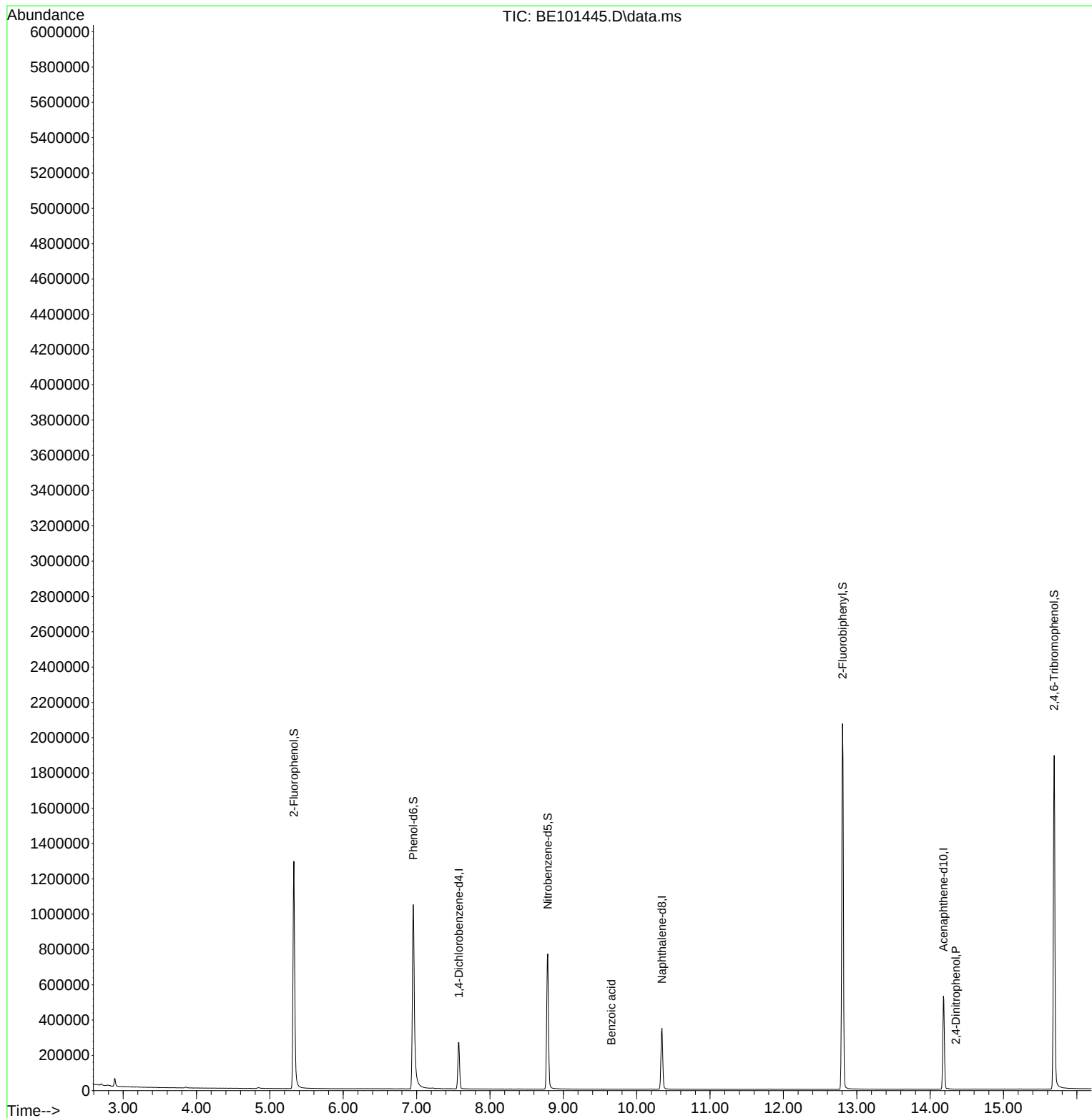
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.577	152	77879	20.000	ng	0.00
21) Naphthalene-d8	10.344	136	309550	20.000	ng	0.00
39) Acenaphthene-d10	14.181	164	190686	20.000	ng	0.00
64) Phenanthrene-d10	16.919	188	428080	20.000	ng	0.00
76) Chrysene-d12	21.078	240	625874	20.000	ng	0.00
86) Perylene-d12	23.376	264	913042	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.326	112	672210	151.281	ng	0.00
7) Phenol-d6	6.954	99	820684	133.200	ng	0.00
23) Nitrobenzene-d5	8.787	82	474299	96.237	ng	0.00
42) 2,4,6-Tribromophenol	15.691	330	486121	145.453	ng	0.00
45) 2-Fluorobiphenyl	12.806	172	1149479	102.089	ng	0.00
79) Terphenyl-d14	19.515	244	2537606	93.316	ng	0.00
Target Compounds						
32) Benzoic acid	9.656	122	61	8.231	ng	Qvalue 85
54) 2,4-Dinitrophenol	14.351	184	18	5.624	ng	# 77

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

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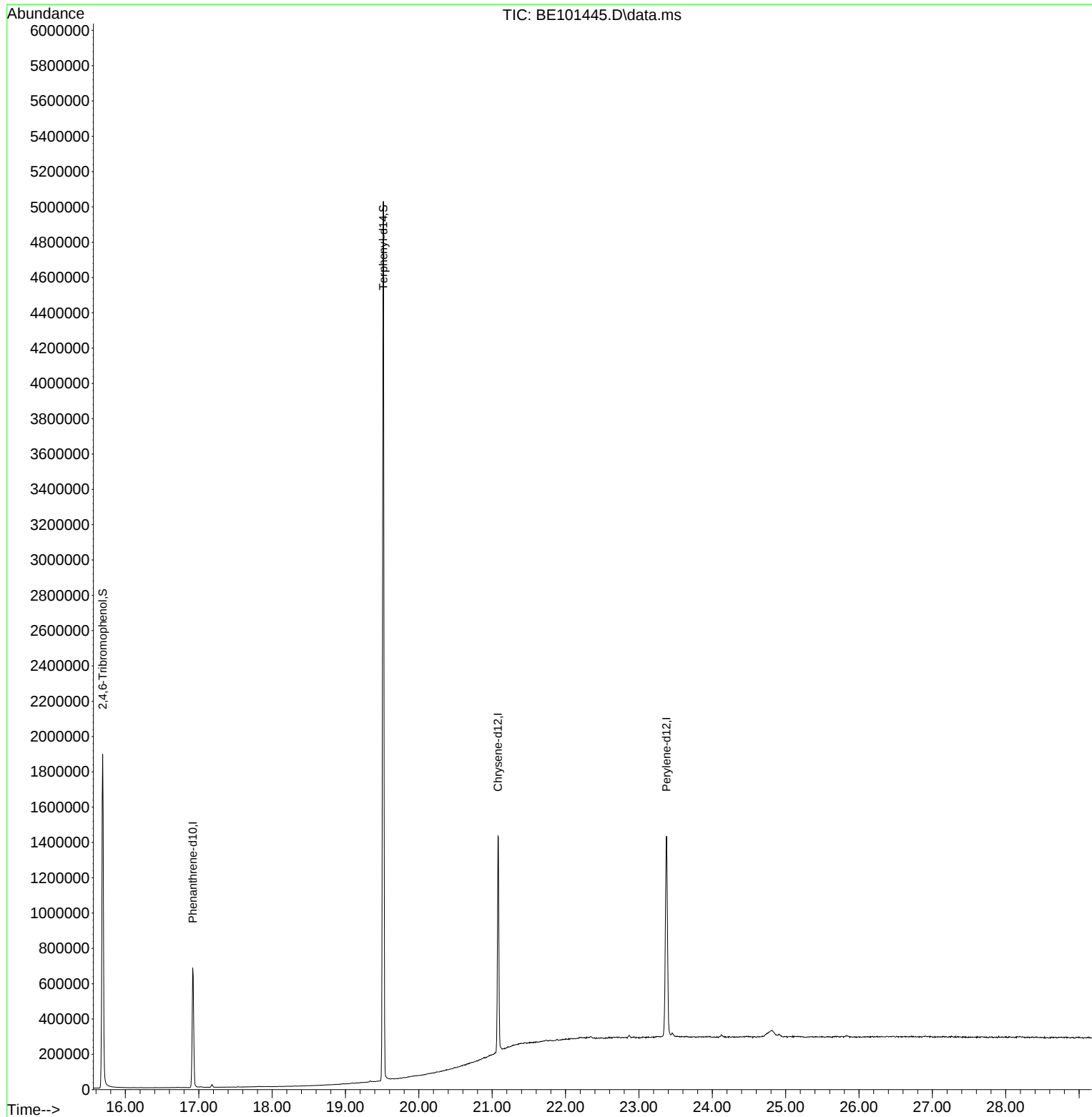
Quant Time: Nov 01 11:48:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE102824.M
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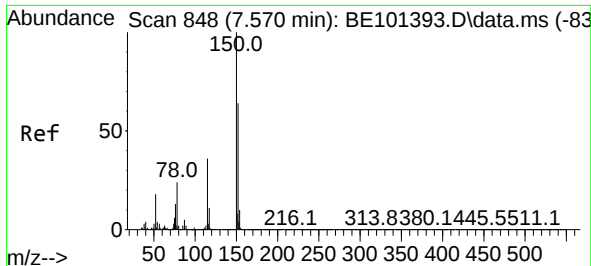


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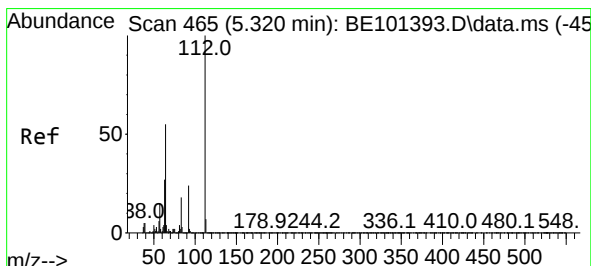
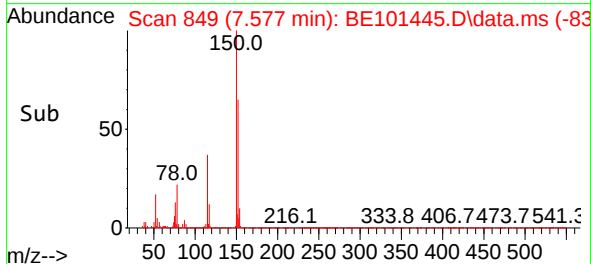
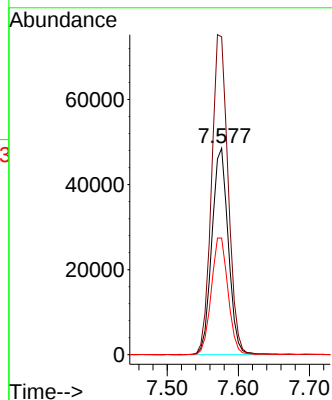
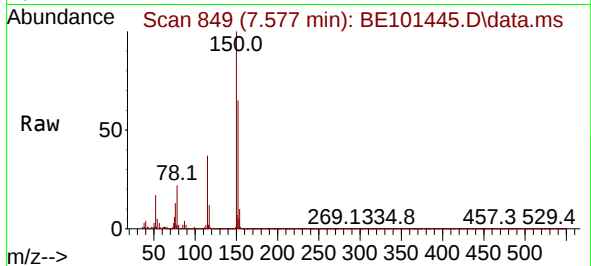




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.577 min Scan# 848
 Delta R.T. 0.007 min
 Lab File: BE101445.D
 Acq: 1 Nov 2024 10:17

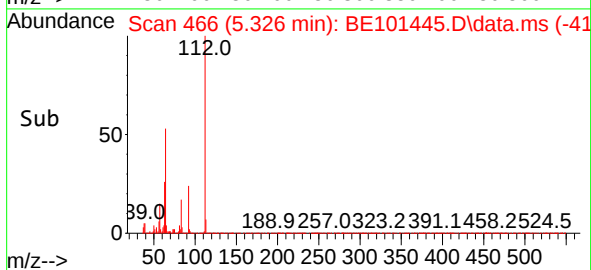
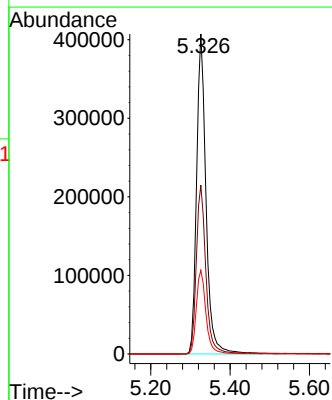
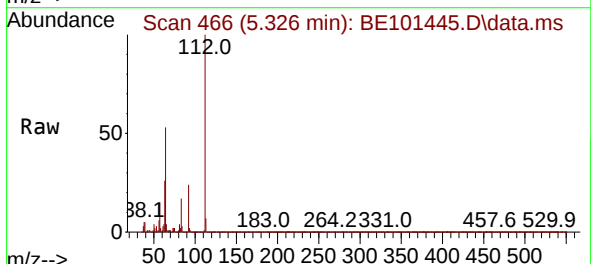
Instrument :
 BNA_E
 ClientSampleId :

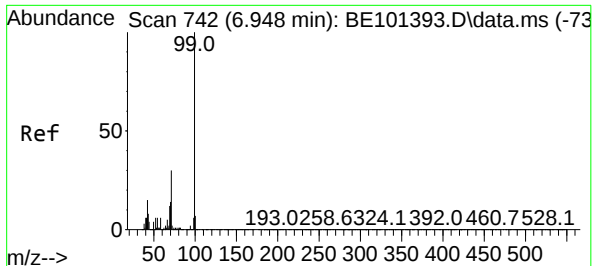
Tgt Ion:152 Resp: 77879
 Ion Ratio Lower Upper
 152 100
 150 154.0 124.2 186.4
 115 56.5 45.3 67.9



#5
 2-Fluorophenol
 Concen: 151.281 ng
 RT: 5.326 min Scan# 466
 Delta R.T. 0.006 min
 Lab File: BE101445.D
 Acq: 1 Nov 2024 10:17

Tgt Ion:112 Resp: 672210
 Ion Ratio Lower Upper
 112 100
 64 52.7 43.7 65.5
 63 26.1 21.4 32.2

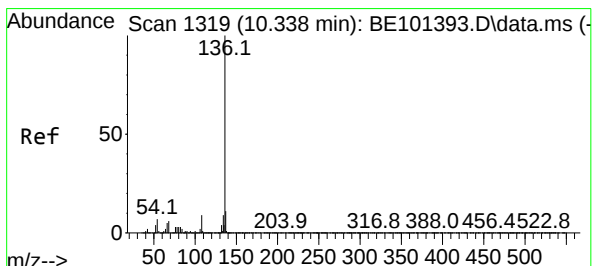
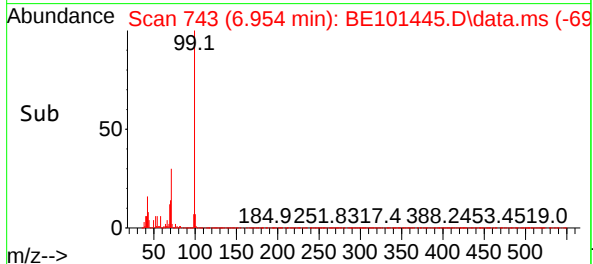
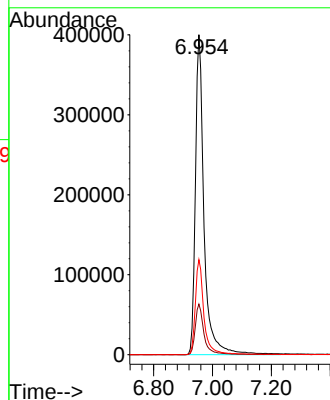
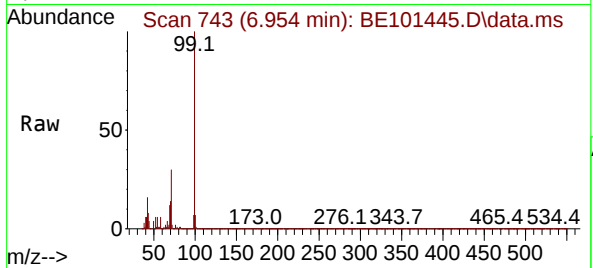




#7
Phenol-d6
Concen: 133.200 ng
RT: 6.954 min Scan# 742
Delta R.T. 0.006 min
Lab File: BE101445.D
Acq: 1 Nov 2024 10:17

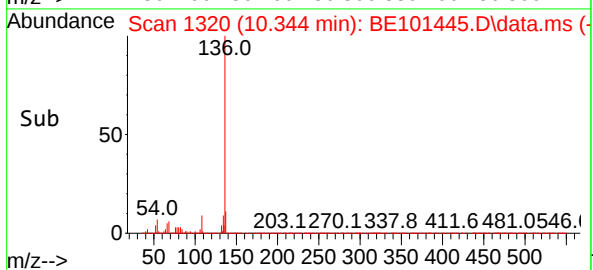
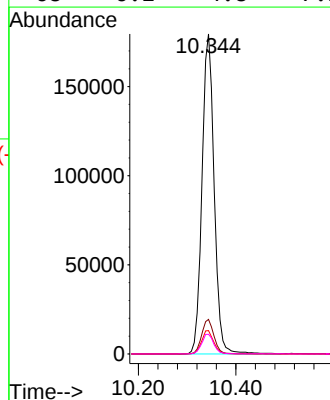
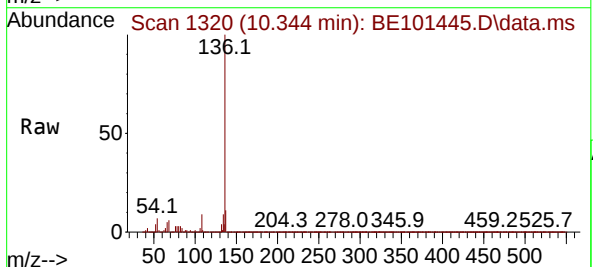
Instrument :
BNA_E
ClientSampleId :

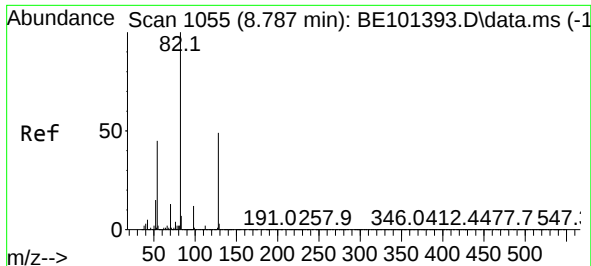
Tgt Ion: 99 Resp: 820684
Ion Ratio Lower Upper
99 100
42 15.8 12.3 18.5
71 29.7 23.8 35.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.344 min Scan# 1320
Delta R.T. 0.006 min
Lab File: BE101445.D
Acq: 1 Nov 2024 10:17

Tgt Ion:136 Resp: 309550
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 7.3 5.9 8.9
68 6.2 4.8 7.2

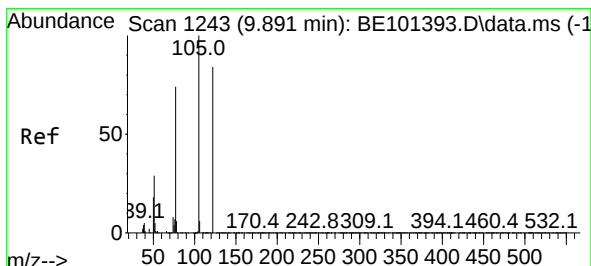
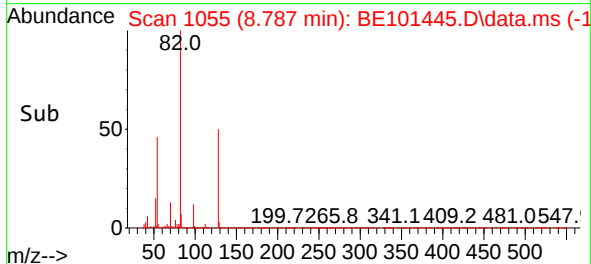
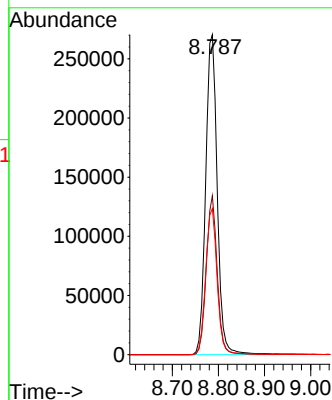
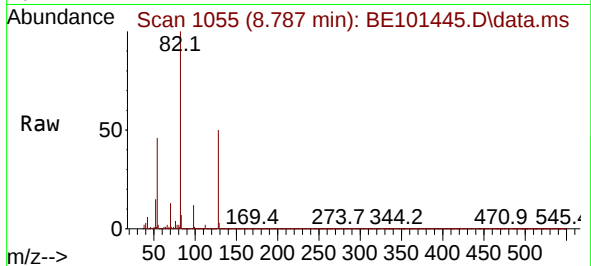




#23
Nitrobenzene-d5
Concen: 96.237 ng
RT: 8.787 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BE101445.D
Acq: 1 Nov 2024 10:17

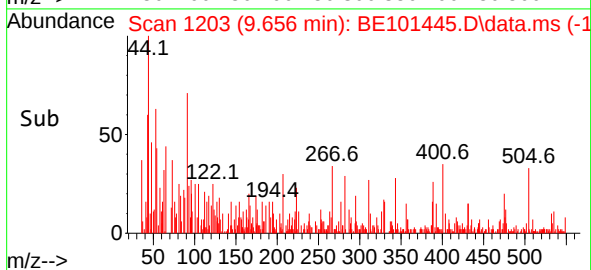
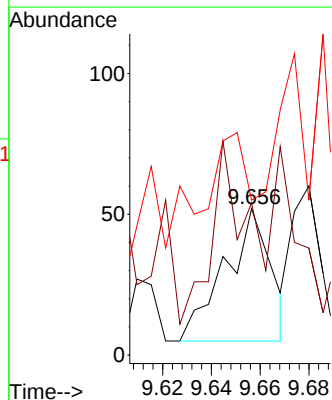
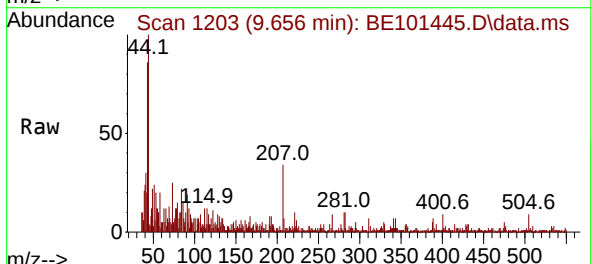
Instrument :
BNA_E
ClientSampleId :

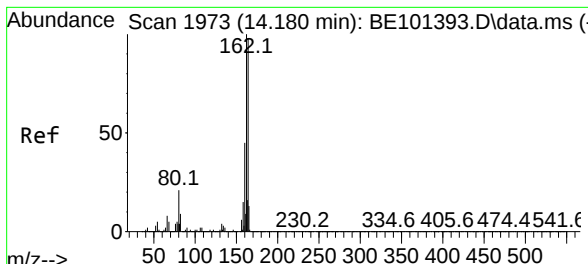
Tgt Ion: 82 Resp: 474299
Ion Ratio Lower Upper
82 100
128 49.7 38.9 58.3
54 45.6 36.2 54.4



#32
Benzoic acid
Concen: 8.231 ng
RT: 9.656 min Scan# 1203
Delta R.T. -0.235 min
Lab File: BE101445.D
Acq: 1 Nov 2024 10:17

Tgt Ion: 122 Resp: 61
Ion Ratio Lower Upper
122 100
105 103.8 97.9 137.9
77 105.8 68.1 108.1

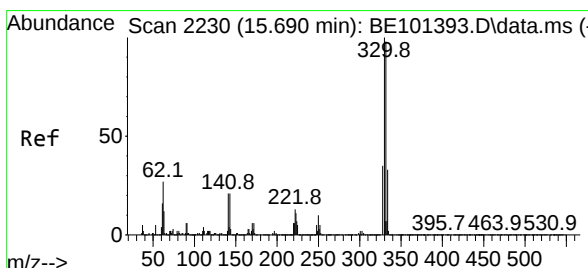
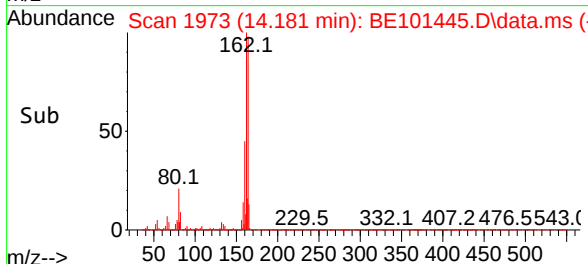
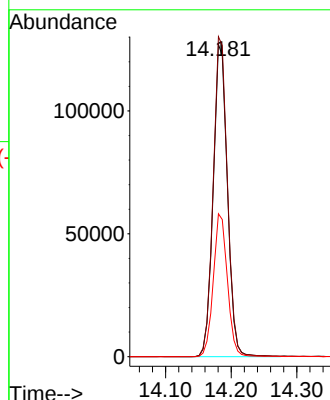
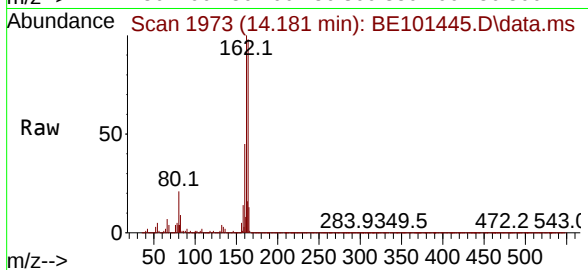




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.181 min Scan# 1973
Delta R.T. 0.000 min
Lab File: BE101445.D
Acq: 1 Nov 2024 10:17

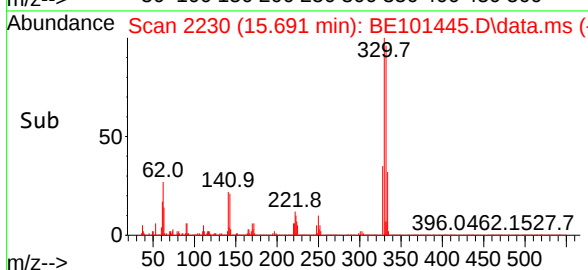
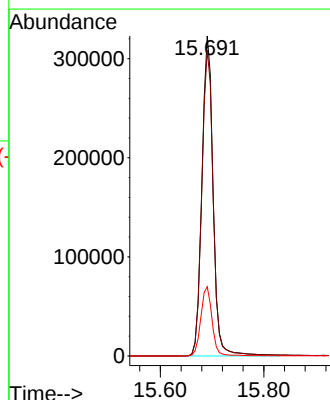
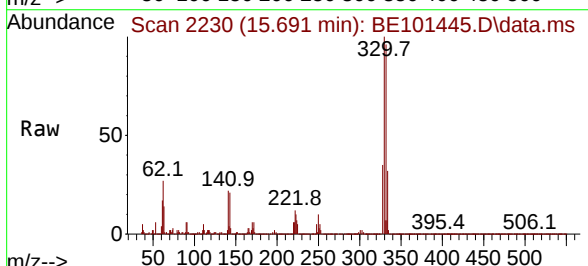
Instrument :
BNA_E
ClientSampleId :

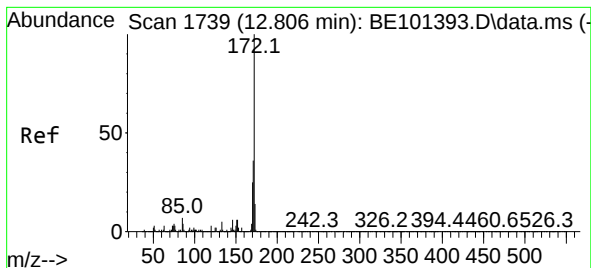
Tgt Ion:164 Resp: 190686
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 45.7 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 145.453 ng
RT: 15.691 min Scan# 2230
Delta R.T. 0.000 min
Lab File: BE101445.D
Acq: 1 Nov 2024 10:17

Tgt Ion:330 Resp: 486121
Ion Ratio Lower Upper
330 100
332 97.4 78.2 117.2
141 21.8 18.3 27.5





#45

2-Fluorobiphenyl

Concen: 102.089 ng

RT: 12.806 min Scan# 1

Delta R.T. 0.000 min

Lab File: BE101445.D

Acq: 1 Nov 2024 10:17

Instrument :

BNA_E

ClientSampleId :

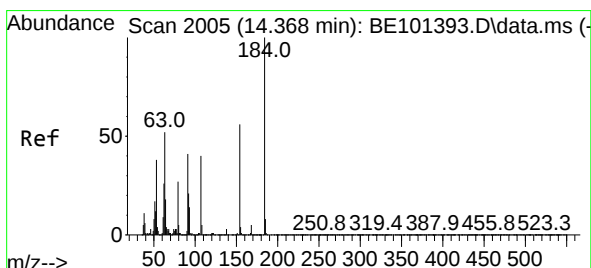
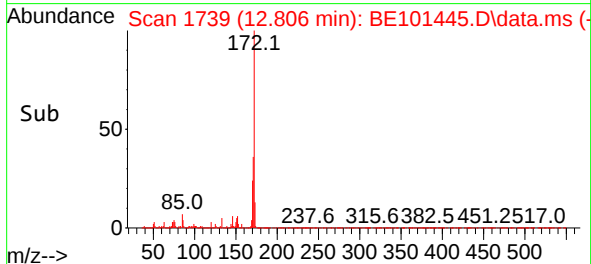
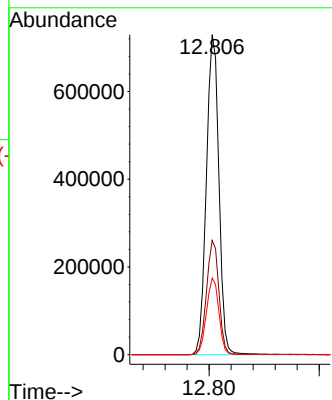
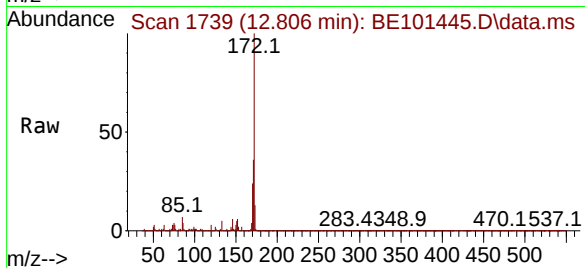
Tgt Ion:172 Resp: 1149479

Ion Ratio Lower Upper

172 100

171 35.7 29.2 43.8

170 24.0 19.8 29.6



#54

2,4-Dinitrophenol

Concen: 5.624 ng

RT: 14.351 min Scan# 2002

Delta R.T. -0.017 min

Lab File: BE101445.D

Acq: 1 Nov 2024 10:17

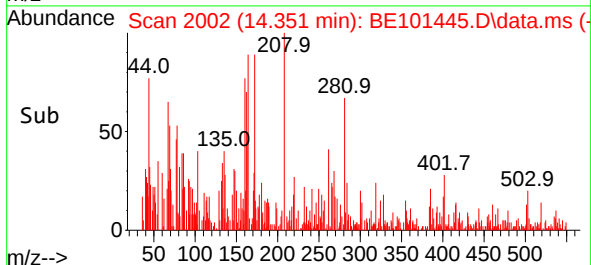
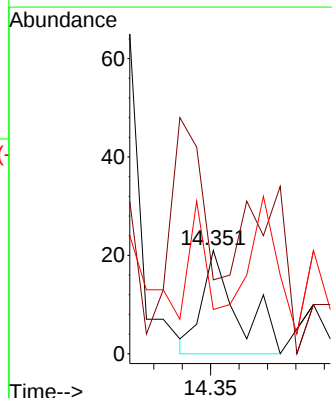
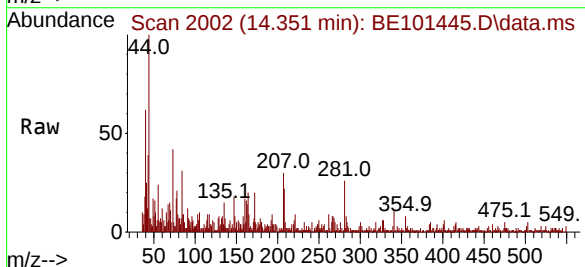
Tgt Ion:184 Resp: 18

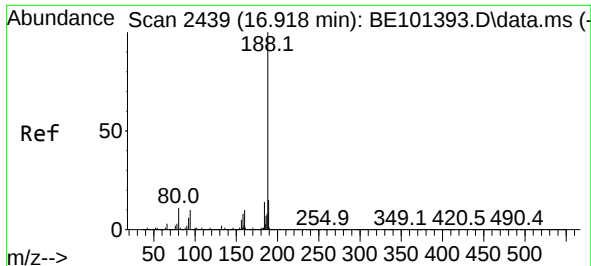
Ion Ratio Lower Upper

184 100

63 71.4 41.8 62.6#

154 42.9 44.9 67.3#

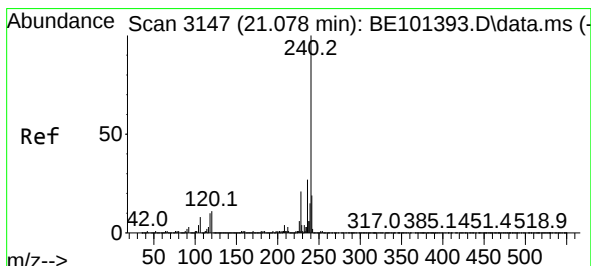
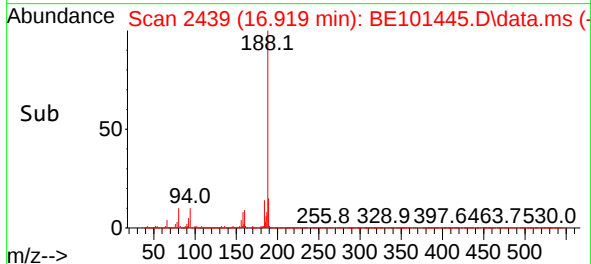
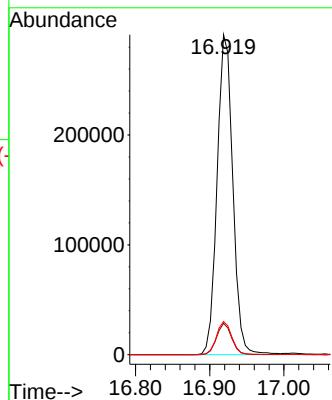
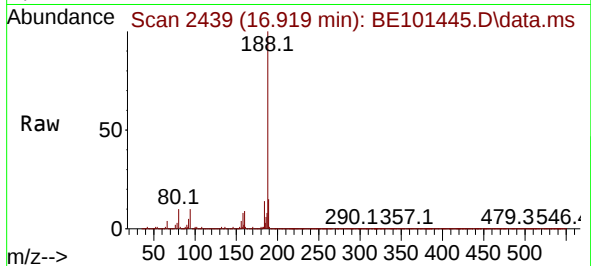




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.919 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BE101445.D
Acq: 1 Nov 2024 10:17

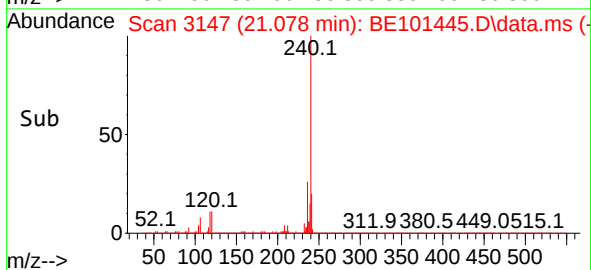
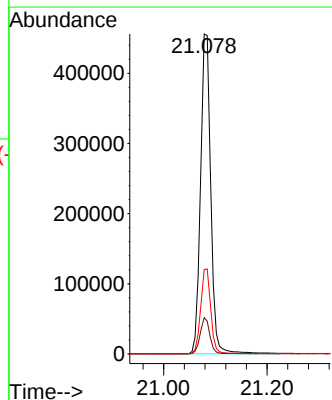
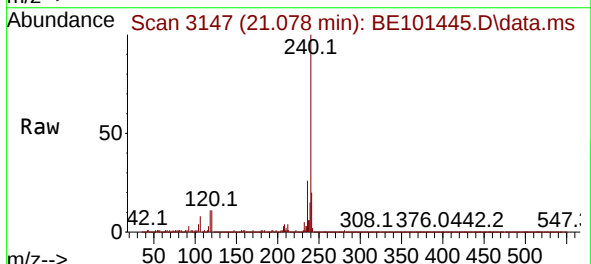
Instrument :
BNA_E
ClientSampleId :

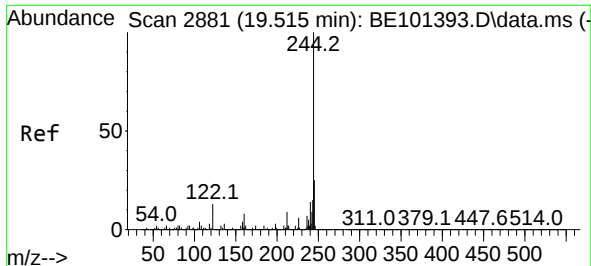
Tgt Ion:188 Resp: 428080
Ion Ratio Lower Upper
188 100
94 9.8 7.8 11.8
80 10.4 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.078 min Scan# 3147
Delta R.T. 0.000 min
Lab File: BE101445.D
Acq: 1 Nov 2024 10:17

Tgt Ion:240 Resp: 625874
Ion Ratio Lower Upper
240 100
120 11.3 9.0 13.4
236 26.4 21.4 32.0

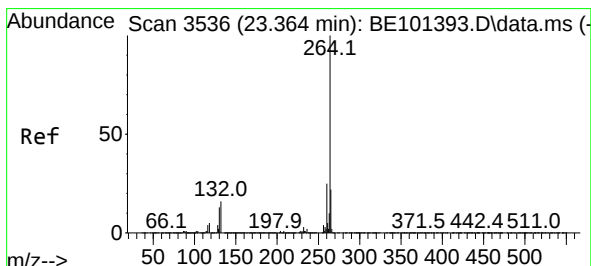
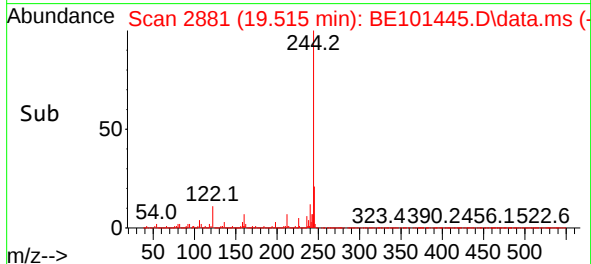
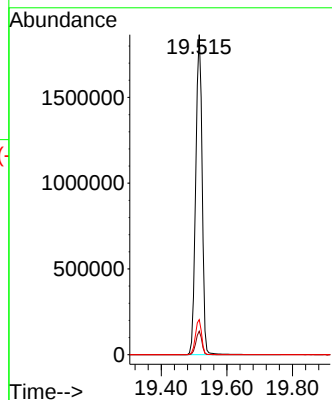
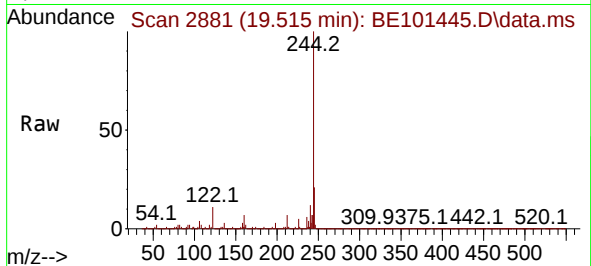




#79
 Terphenyl-d14
 Concen: 93.316 ng
 RT: 19.515 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BE101445.D
 Acq: 1 Nov 2024 10:17

Instrument :
 BNA_E
 ClientSampleId :

Tgt Ion:244 Resp: 2537606
 Ion Ratio Lower Upper
 244 100
 212 7.4 7.2 10.8
 122 10.9 10.4 15.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.376 min Scan# 3538
 Delta R.T. 0.012 min
 Lab File: BE101445.D
 Acq: 1 Nov 2024 10:17

Tgt Ion:264 Resp: 913042
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.8 29.8
 265 22.0 17.6 26.4

