

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
 Data File : BE101507.D
 Acq On : 6 Nov 2024 22:15
 Operator : RC/JU
 Sample : P4660-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 WC-CONCRETE-01-C

Quant Time: Nov 07 01:05:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 00:01:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

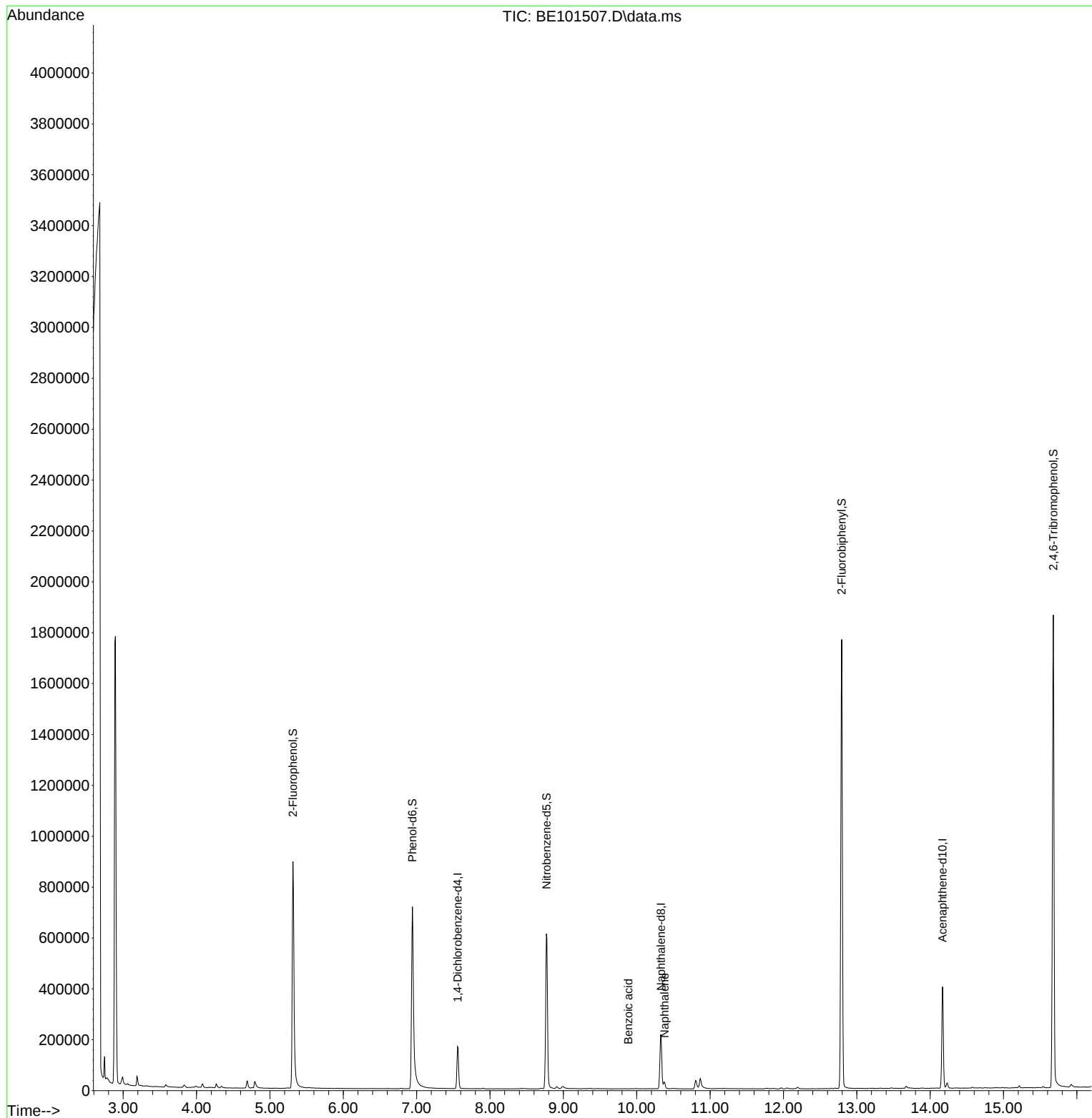
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.559	152	46975	20.000	ng	0.00
21) Naphthalene-d8	10.332	136	200241	20.000	ng	0.00
39) Acenaphthene-d10	14.169	164	139072	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	335687	20.000	ng	0.00
76) Chrysene-d12	21.066	240	438455	20.000	ng	-0.01
86) Perylene-d12	23.352	264	582677	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.314	112	467265	175.882	ng	0.00
7) Phenol-d6	6.942	99	558745	153.395	ng	0.00
23) Nitrobenzene-d5	8.769	82	374015	117.981	ng	0.00
42) 2,4,6-Tribromophenol	15.679	330	476724	182.170	ng	0.00
45) 2-Fluorobiphenyl	12.794	172	946514	111.127	ng	0.00
79) Terphenyl-d14	19.498	244	1719406	86.805	ng	0.00
Target Compounds						Qvalue
31) Naphthalene	10.379	128	21474	2.124	ng	98
32) Benzoic acid	9.885	122	30	6.847	ng	# 66

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

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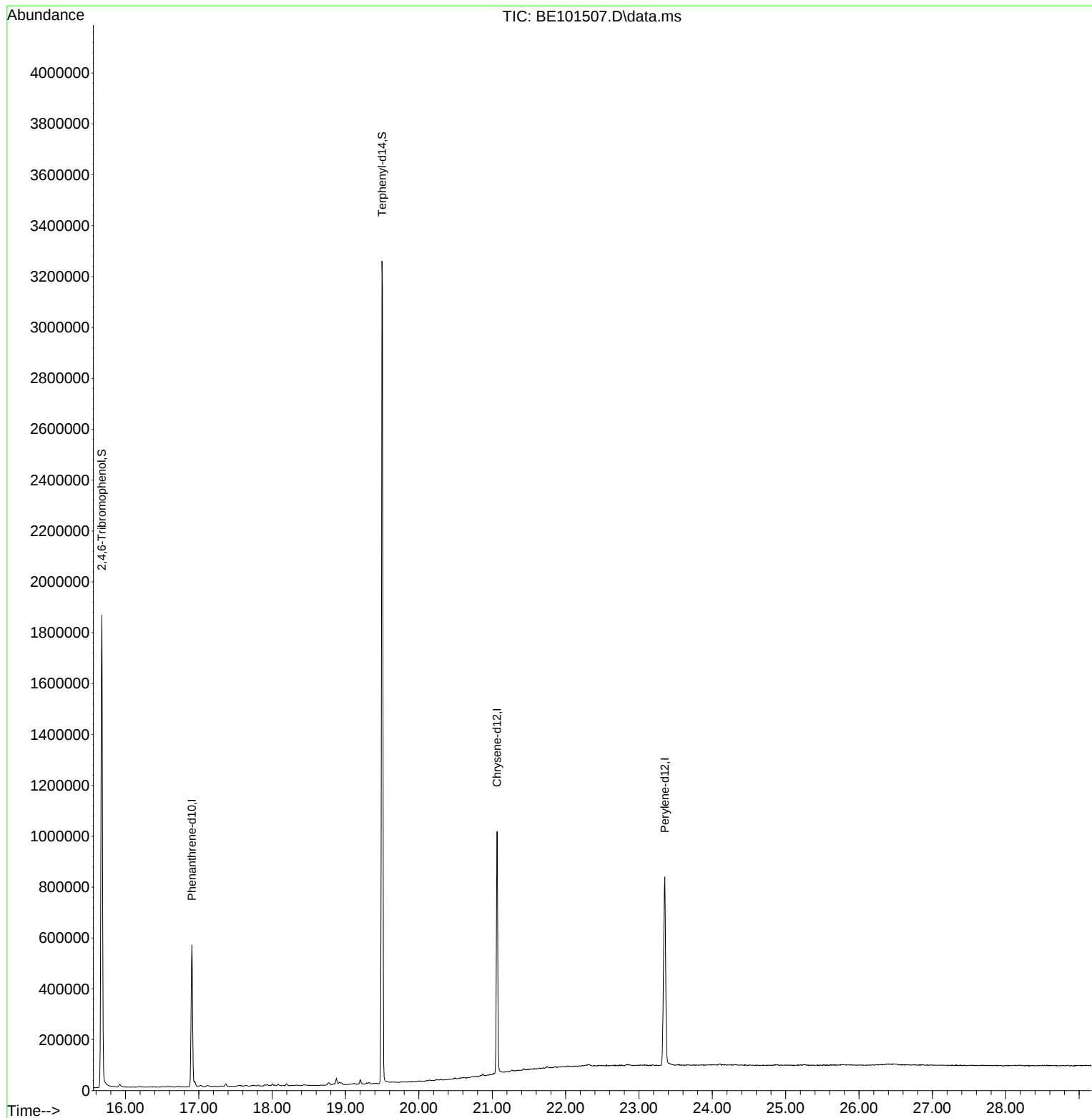
Quant Time: Nov 07 01:05:47 2024
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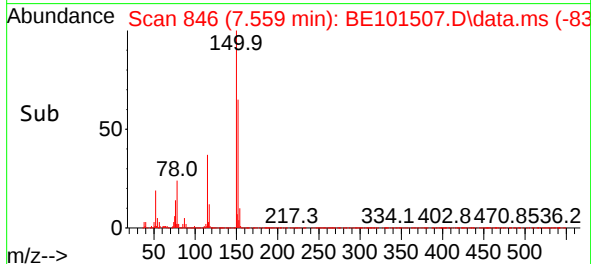
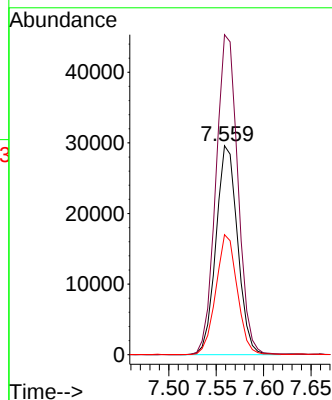
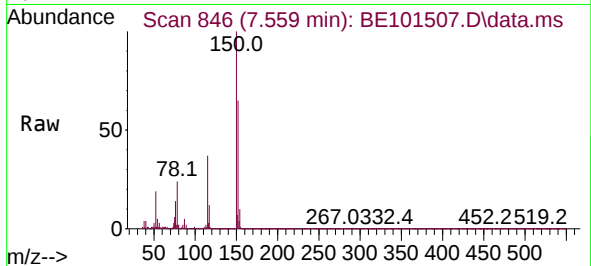




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.559 min Scan# 847
Delta R.T. -0.004 min
Lab File: BE101507.D
Acq: 6 Nov 2024 22:15

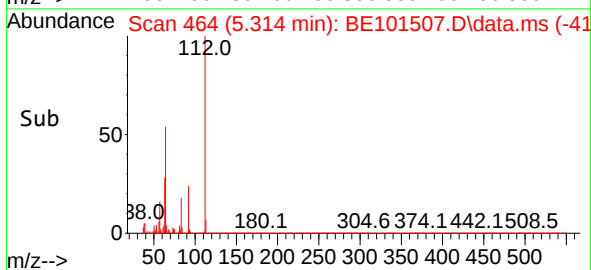
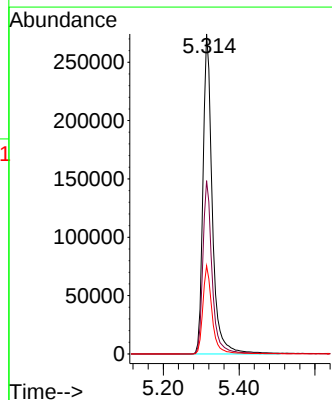
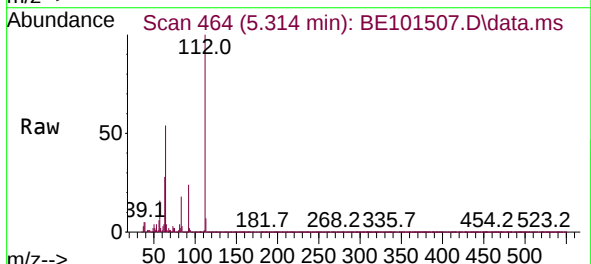
Instrument :
BNA_E
ClientSampleId :
WC-CONCRETE-01-C

Tgt Ion:152 Resp: 46975
Ion Ratio Lower Upper
152 100
150 153.1 126.3 189.5
115 57.4 45.0 67.4



#5
2-Fluorophenol
Concen: 175.882 ng
RT: 5.314 min Scan# 464
Delta R.T. 0.001 min
Lab File: BE101507.D
Acq: 6 Nov 2024 22:15

Tgt Ion:112 Resp: 467265
Ion Ratio Lower Upper
112 100
64 54.1 43.2 64.8
63 27.5 21.8 32.6

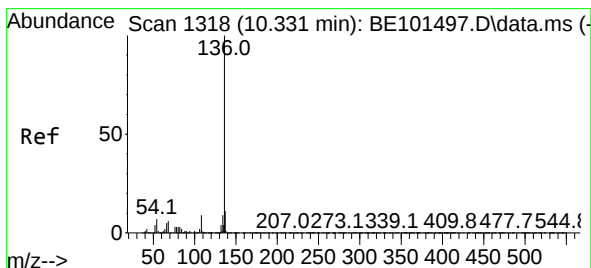
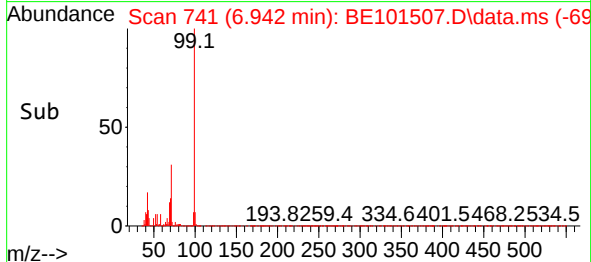
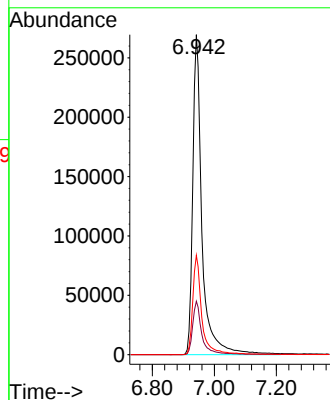
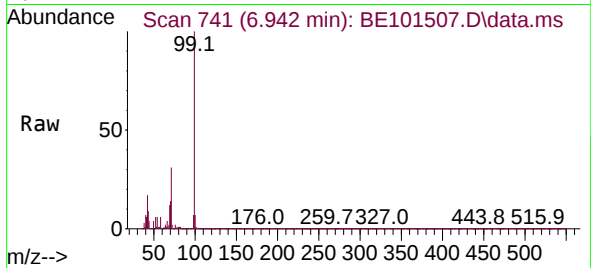




#7
Phenol-d6
Concen: 153.395 ng
RT: 6.942 min Scan# 741
Delta R.T. -0.005 min
Lab File: BE101507.D
Acq: 6 Nov 2024 22:15

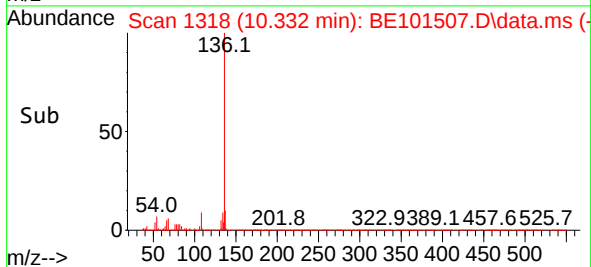
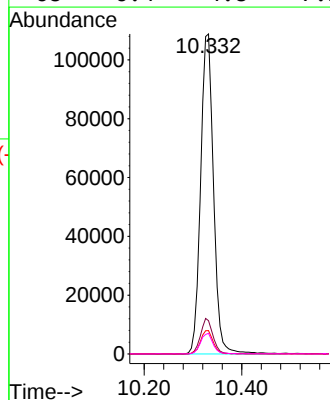
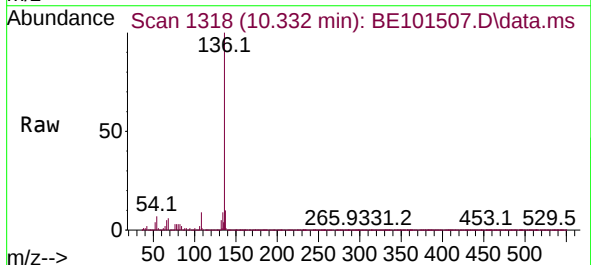
Instrument :
BNA_E
ClientSampleId :
WC-CONCRETE-01-C

Tgt Ion: 99 Resp: 558745
Ion Ratio Lower Upper
99 100
42 16.7 12.5 18.7
71 31.1 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.332 min Scan# 1318
Delta R.T. 0.001 min
Lab File: BE101507.D
Acq: 6 Nov 2024 22:15

Tgt Ion: 136 Resp: 200241
Ion Ratio Lower Upper
136 100
137 10.4 8.6 13.0
54 7.3 5.6 8.4
68 6.4 4.8 7.2

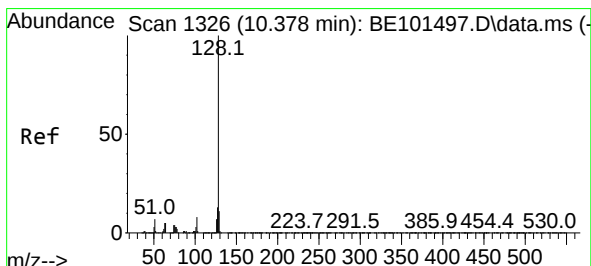
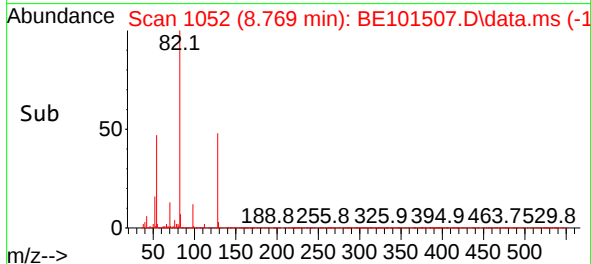
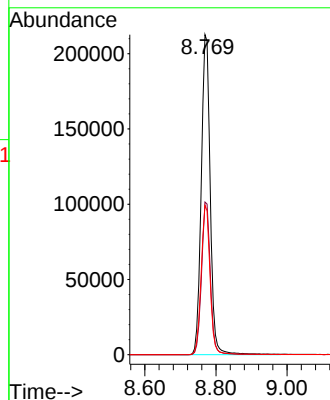
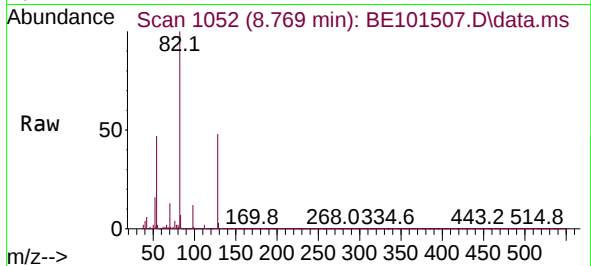




#23
Nitrobenzene-d5
Concen: 117.981 ng
RT: 8.769 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BE101507.D
Acq: 6 Nov 2024 22:15

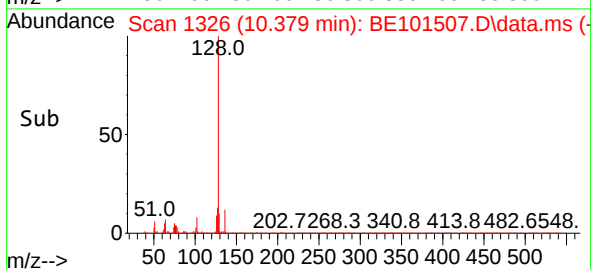
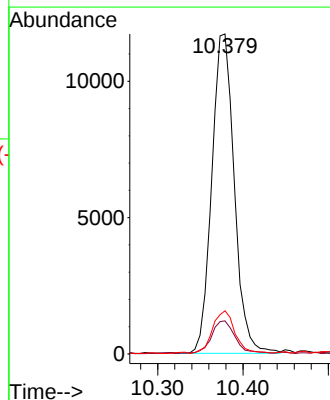
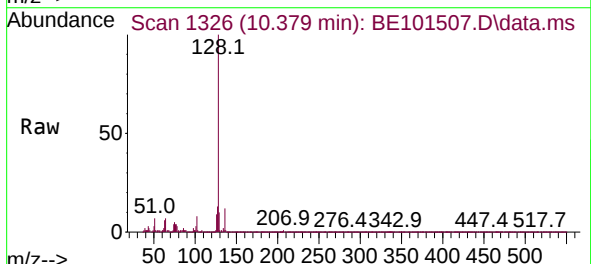
Instrument :
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ClientSampleId :
WC-CONCRETE-01-C

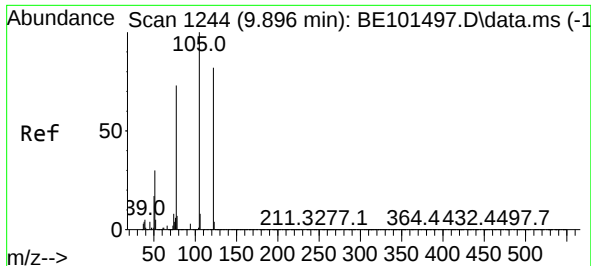
Tgt Ion: 82 Resp: 374015
Ion Ratio Lower Upper
82 100
128 47.7 38.6 58.0
54 46.7 36.3 54.5



#31
Naphthalene
Concen: 2.124 ng
RT: 10.379 min Scan# 1326
Delta R.T. 0.001 min
Lab File: BE101507.D
Acq: 6 Nov 2024 22:15

Tgt Ion: 128 Resp: 21474
Ion Ratio Lower Upper
128 100
129 10.3 8.9 13.3
127 13.5 10.3 15.5

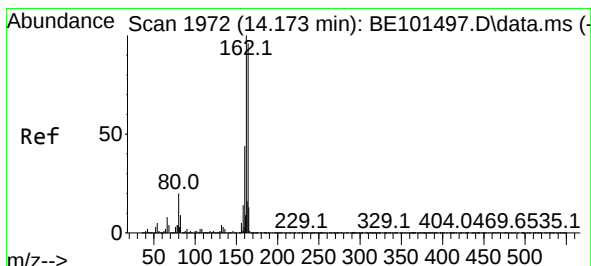
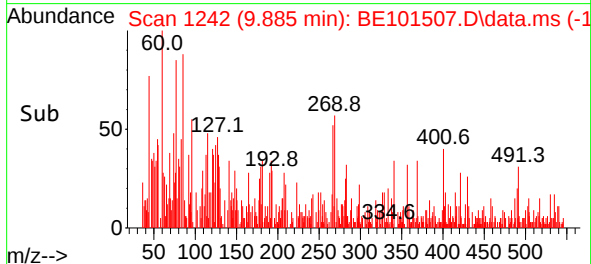
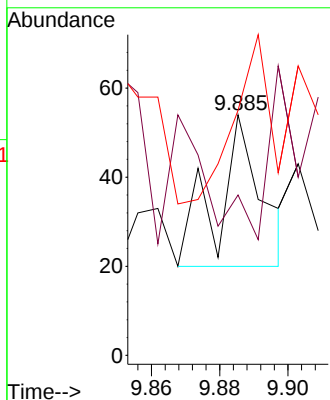
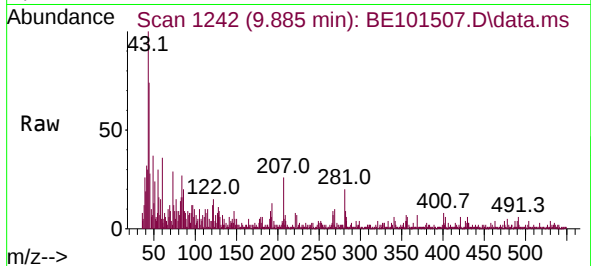




#32
Benzoic acid
Concen: 6.847 ng
RT: 9.885 min Scan# 11
Delta R.T. -0.011 min
Lab File: BE101507.D
Acq: 6 Nov 2024 22:15

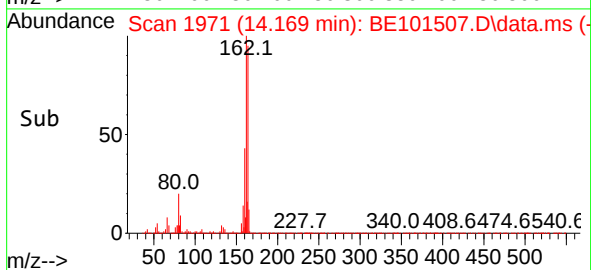
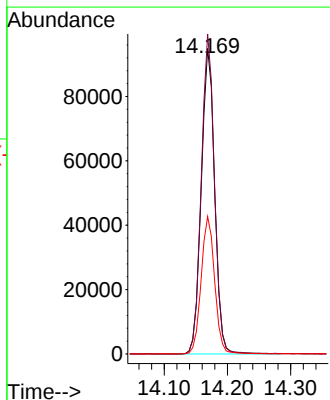
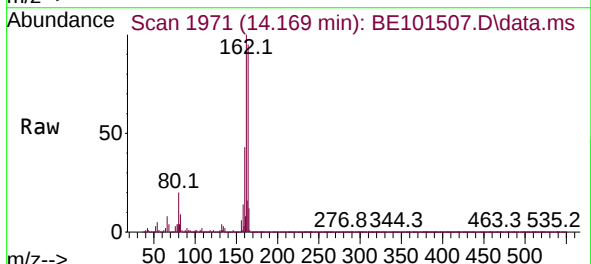
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WC-CONCRETE-01-C

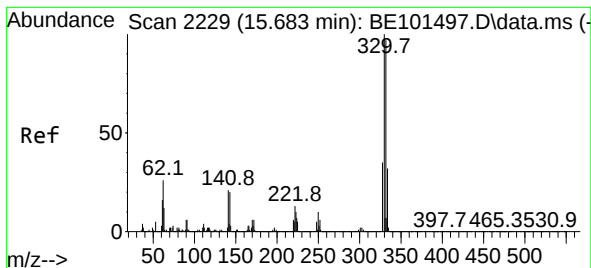
Tgt Ion:122 Resp: 30
Ion Ratio Lower Upper
122 100
105 66.7 100.6 140.6#
77 101.9 68.6 108.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.169 min Scan# 1971
Delta R.T. -0.005 min
Lab File: BE101507.D
Acq: 6 Nov 2024 22:15

Tgt Ion:164 Resp: 139072
Ion Ratio Lower Upper
164 100
162 104.8 83.7 125.5
160 45.0 37.1 55.7





#42

2,4,6-Tribromophenol

Concen: 182.170 ng

RT: 15.679 min Scan# 21

Delta R.T. -0.005 min

Lab File: BE101507.D

Acq: 6 Nov 2024 22:15

Instrument :

BNA_E

ClientSampleId :

WC-CONCRETE-01-C

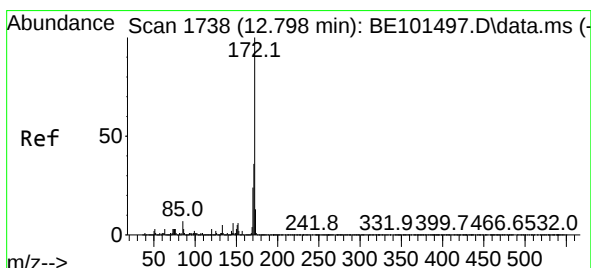
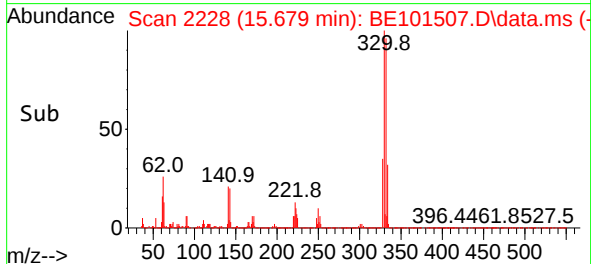
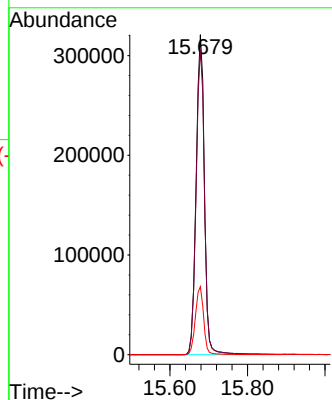
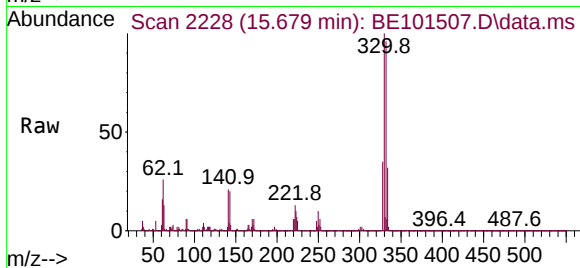
Tgt Ion:330 Resp: 476724

Ion Ratio Lower Upper

330 100

332 96.3 77.7 116.5

141 21.2 17.0 25.4



#45

2-Fluorobiphenyl

Concen: 111.127 ng

RT: 12.794 min Scan# 1737

Delta R.T. -0.005 min

Lab File: BE101507.D

Acq: 6 Nov 2024 22:15

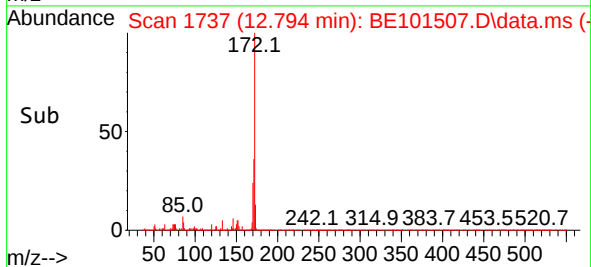
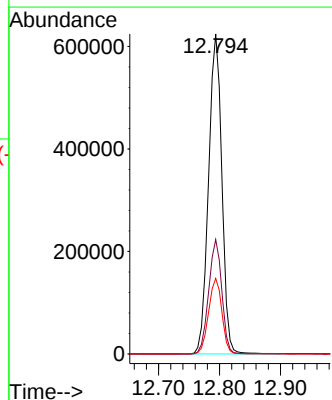
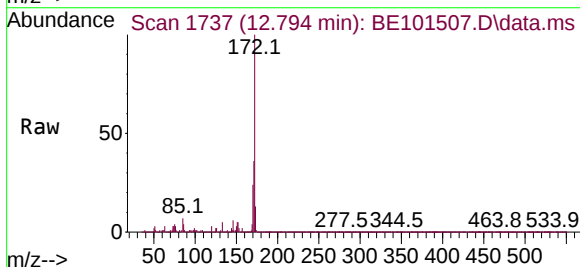
Tgt Ion:172 Resp: 946514

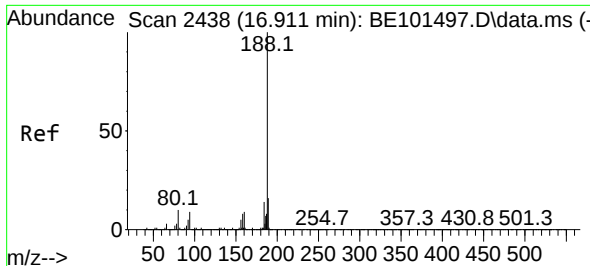
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.6 18.9 28.3

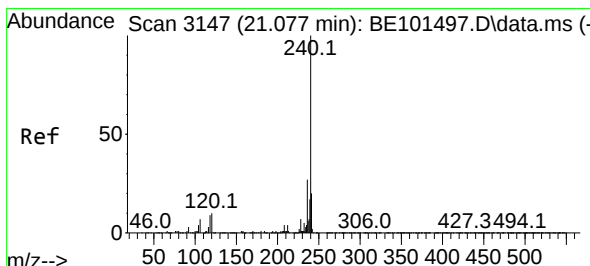
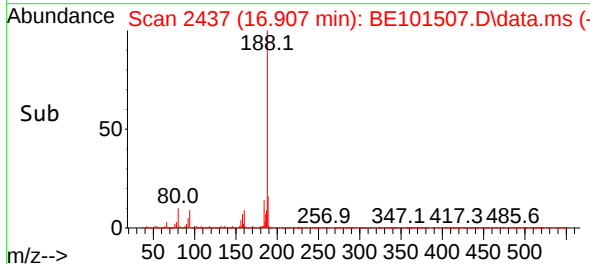
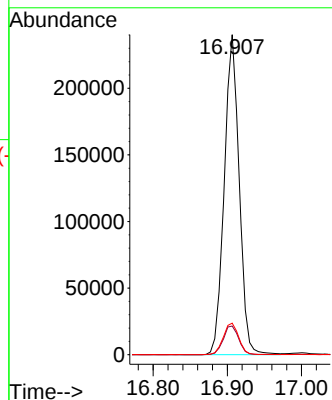
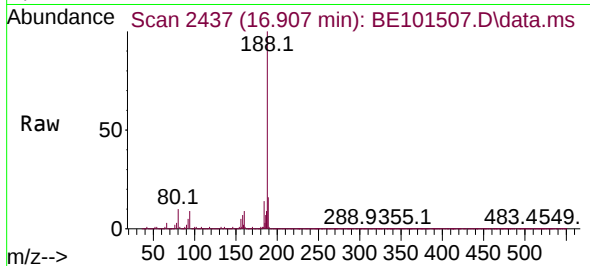




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BE101507.D
Acq: 6 Nov 2024 22:15

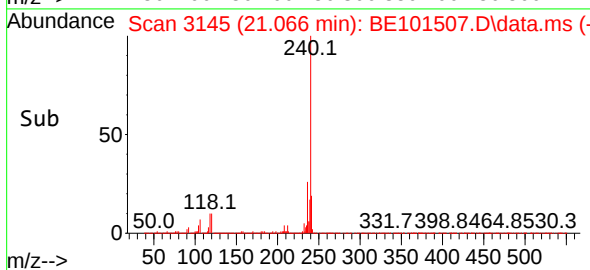
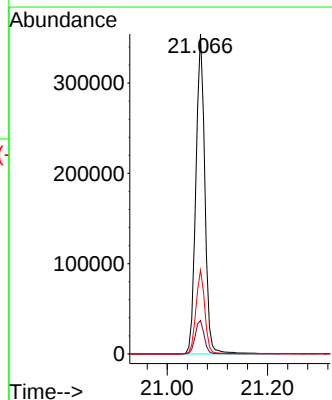
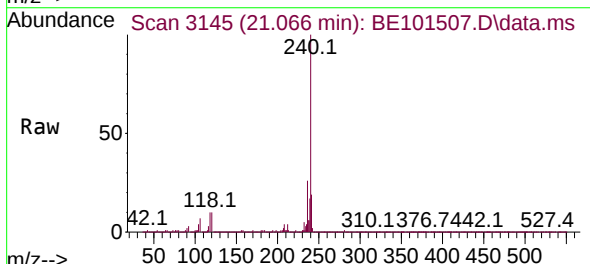
Instrument :
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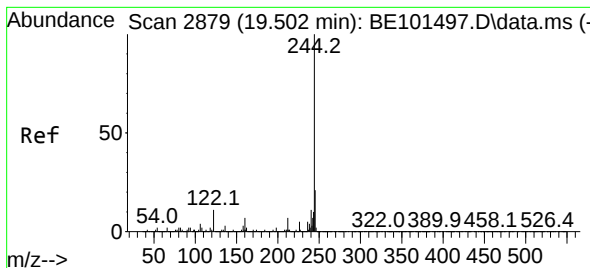
Tgt Ion:188 Resp: 335687
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.2
80 9.9 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.066 min Scan# 3145
Delta R.T. -0.010 min
Lab File: BE101507.D
Acq: 6 Nov 2024 22:15

Tgt Ion:240 Resp: 438455
Ion Ratio Lower Upper
240 100
120 10.4 8.2 12.4
236 26.2 21.4 32.2





#79

Terphenyl-d14

Concen: 86.805 ng

RT: 19.498 min Scan# 21

Delta R.T. -0.005 min

Lab File: BE101507.D

Acq: 6 Nov 2024 22:15

Instrument :

BNA_E

ClientSampleId :

WC-CONCRETE-01-C

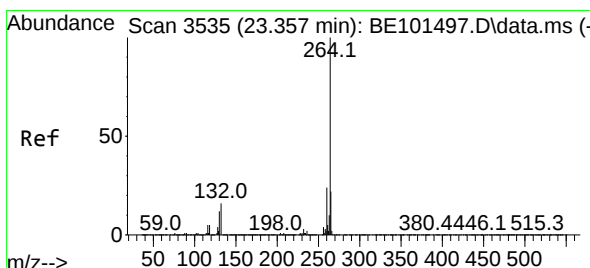
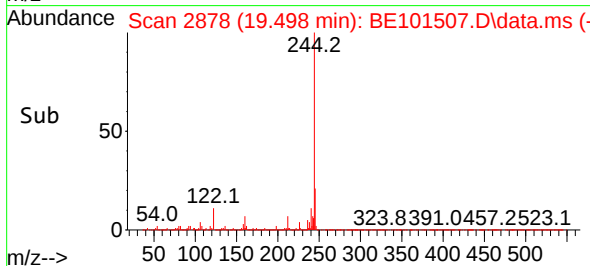
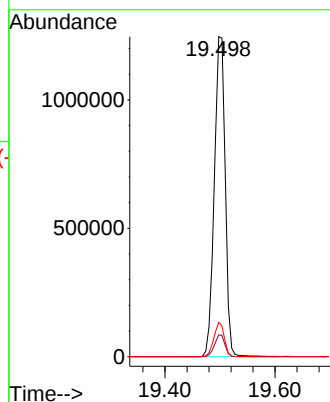
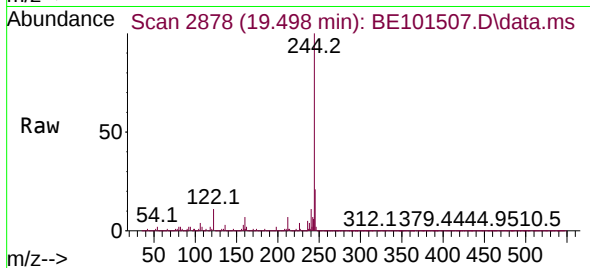
Tgt Ion:244 Resp: 1719406

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 10.7 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.352 min Scan# 3534

Delta R.T. -0.005 min

Lab File: BE101507.D

Acq: 6 Nov 2024 22:15

Tgt Ion:264 Resp: 582677

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 21.7 17.4 26.2

