

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 :
PB164558BL

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

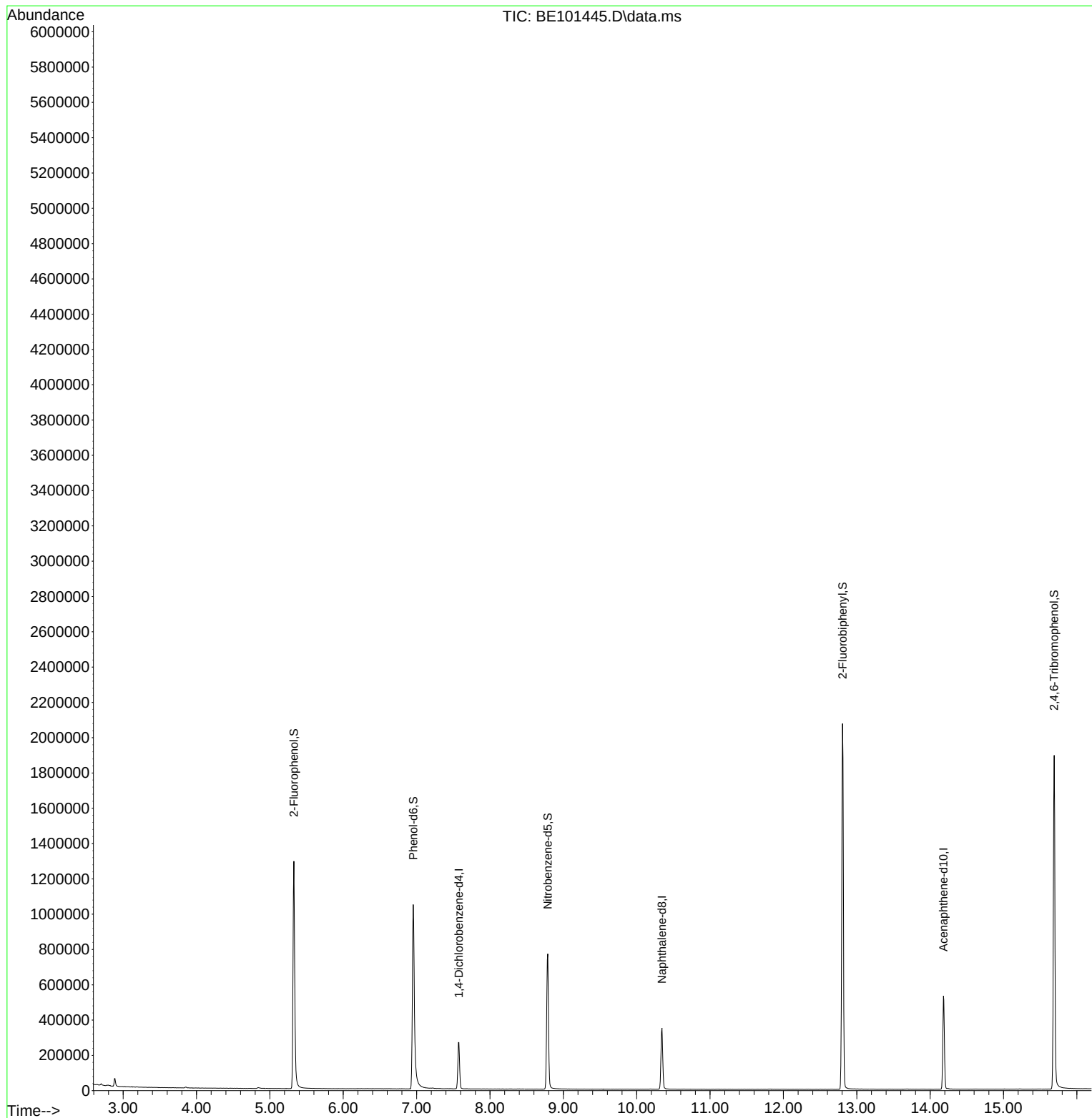
Target Compounds	Qvalue

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

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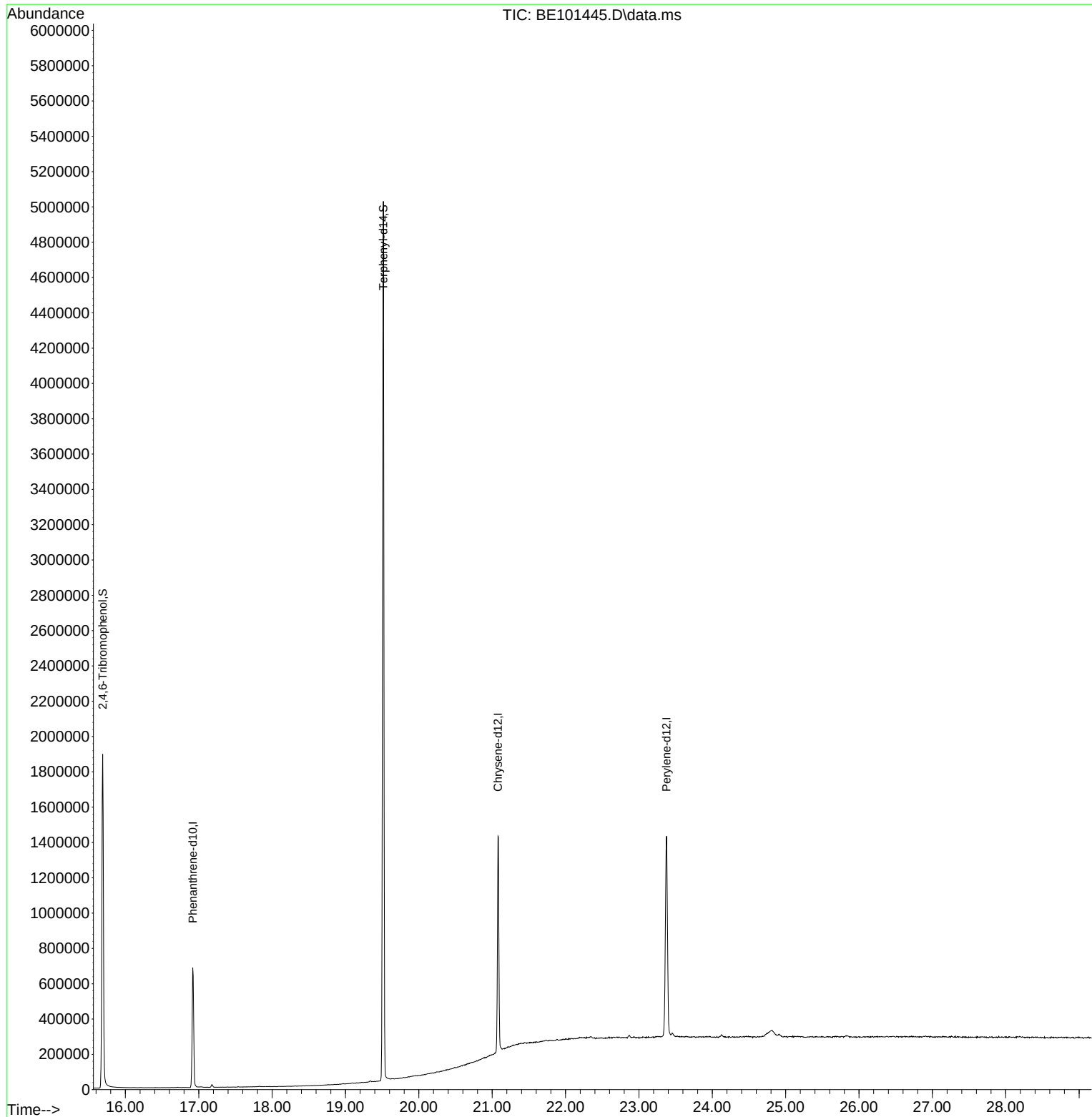
Quant Time: Nov 01 11:48:29 2024
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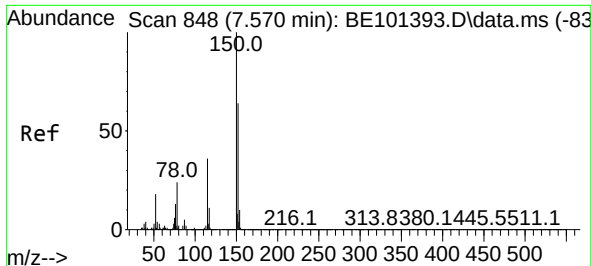


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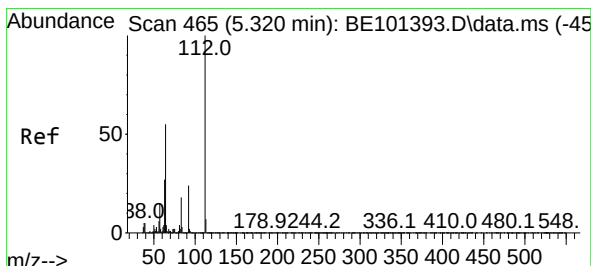
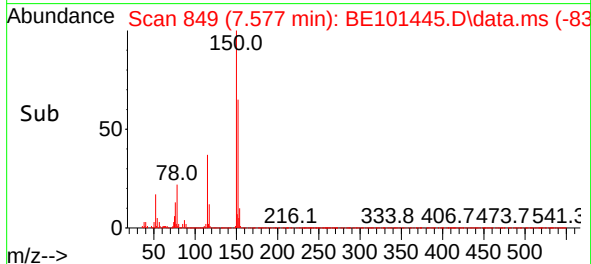
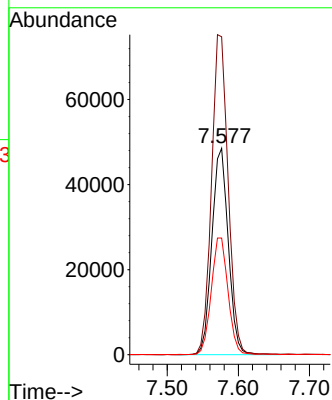
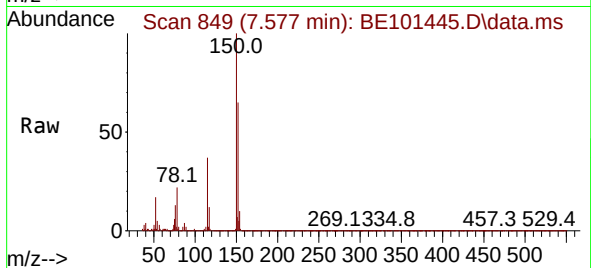




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.577 min Scan# 848
Delta R.T. 0.007 min
Lab File: BE101445.D
Acq: 1 Nov 2024 10:17

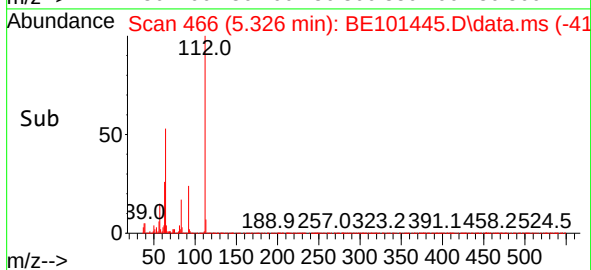
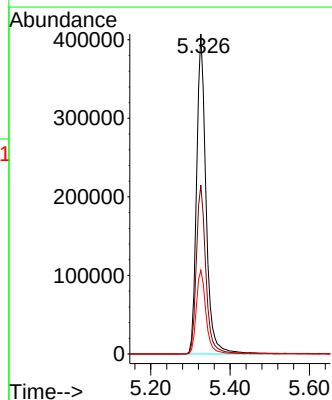
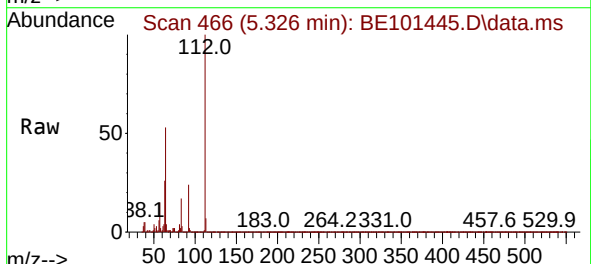
Instrument :
BNA_E
ClientSampleId :
PB164558BL

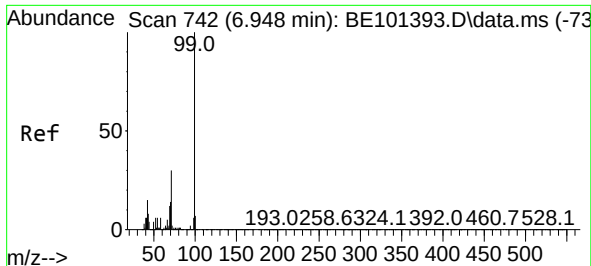
Tgt Ion:152 Resp: 77879
Ion Ratio Lower Upper
152 100
150 154.0 124.2 186.4
115 56.5 45.3 67.9



#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

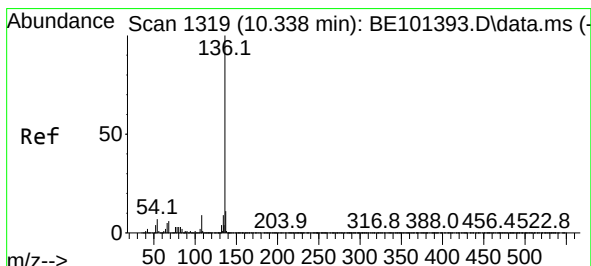
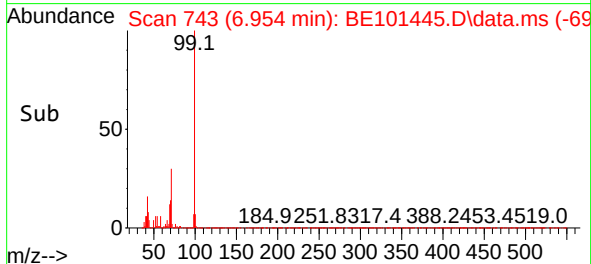
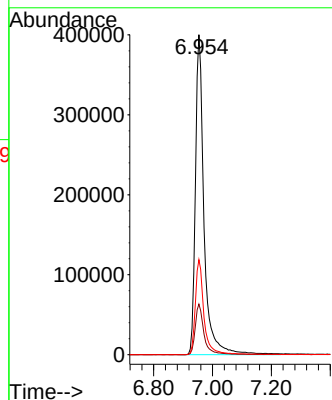
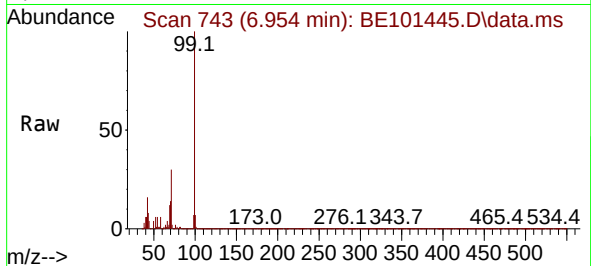




#7
Phenol-d6
Concen: 133.200 ng
RT: 6.954 min Scan# 74
Delta R.T. 0.006 min
Lab File: BE101445.D
Acq: 1 Nov 2024 10:17

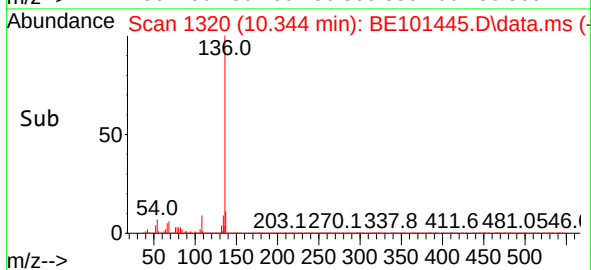
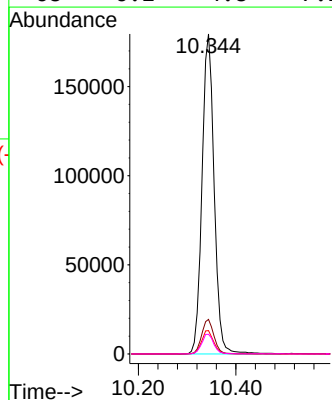
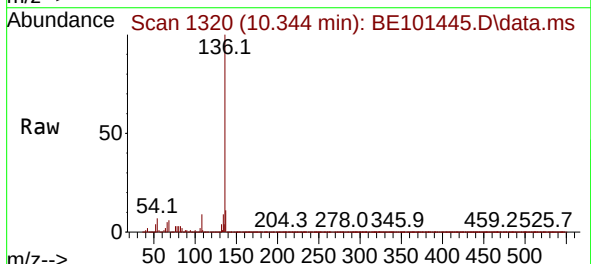
Instrument :
BNA_E
ClientSampleId :
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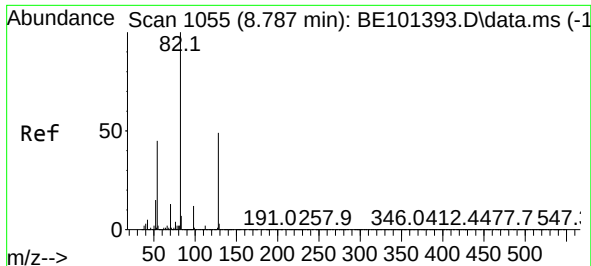
Tgt Ion: 99 Resp: 820684
Ion Ratio Lower Upper
99 100
42 15.8 12.3 18.5
71 29.7 23.8 35.8



#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

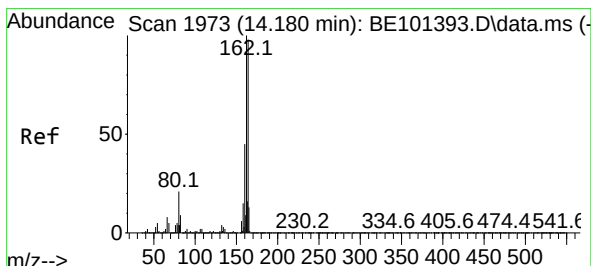
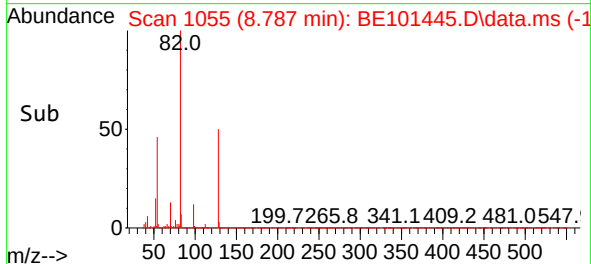
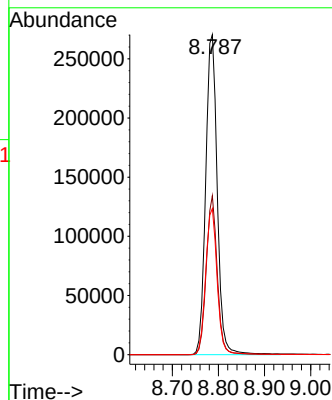
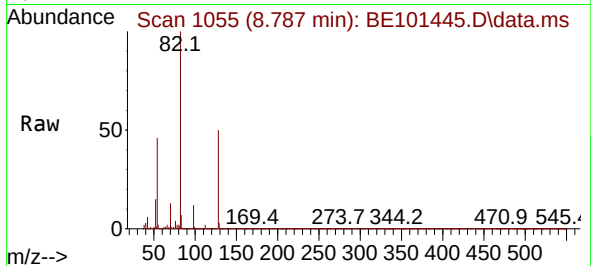




#23
Nitrobenzene-d5
Concen: 96.237 ng
RT: 8.787 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BE101445.D
Acq: 1 Nov 2024 10:17

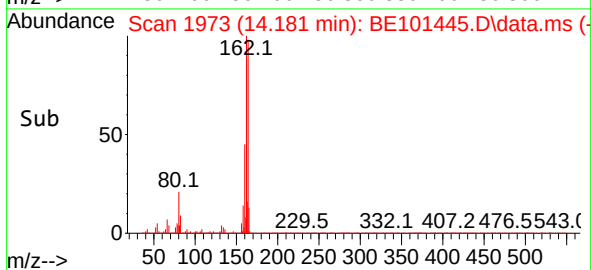
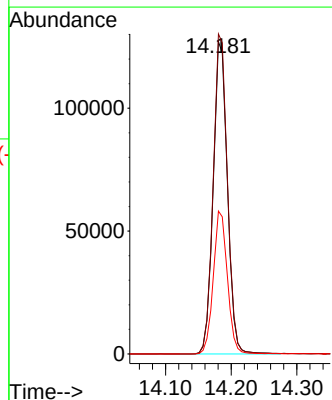
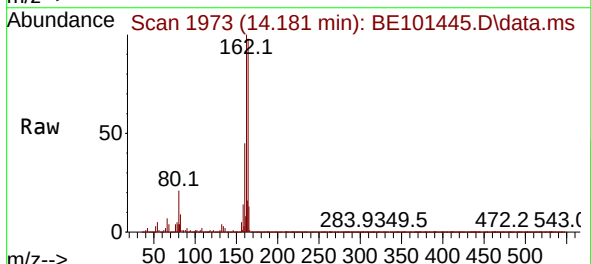
Instrument :
BNA_E
ClientSampleId :
PB164558BL

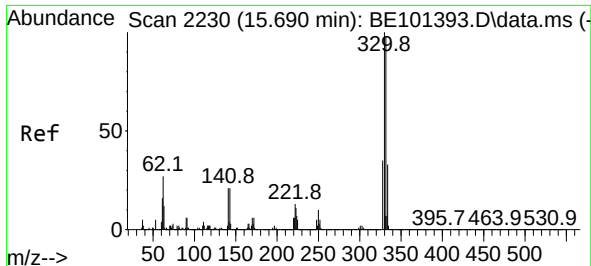
Tgt Ion: 82 Resp: 474299
Ion Ratio Lower Upper
82 100
128 49.7 38.9 58.3
54 45.6 36.2 54.4



#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

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

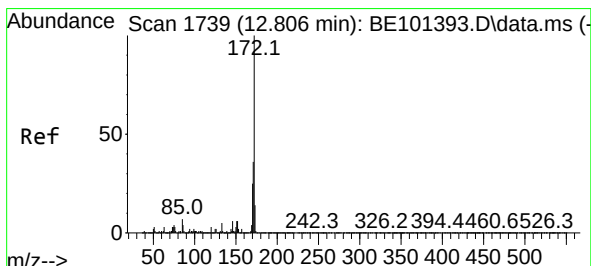
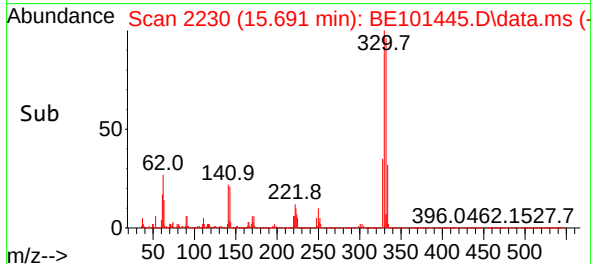
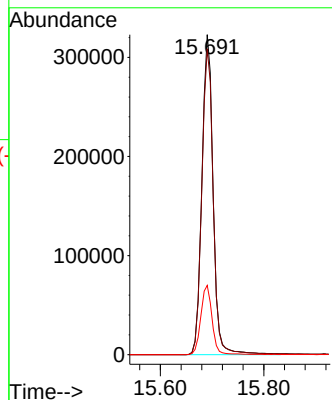
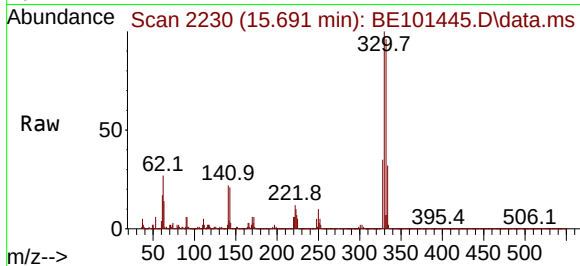




#42
 2,4,6-Tribromophenol
 Concen: 145.453 ng
 RT: 15.691 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BE101445.D
 Acq: 1 Nov 2024 10:17

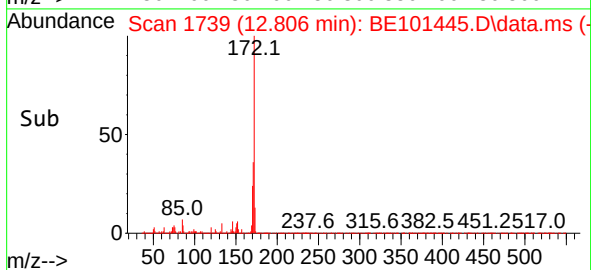
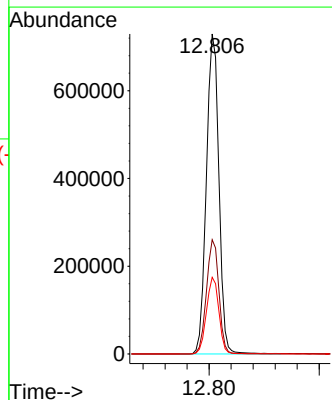
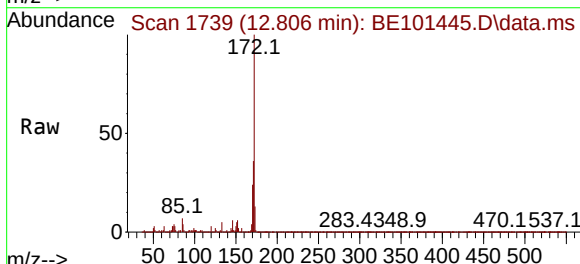
Instrument :
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 ClientSampleId :
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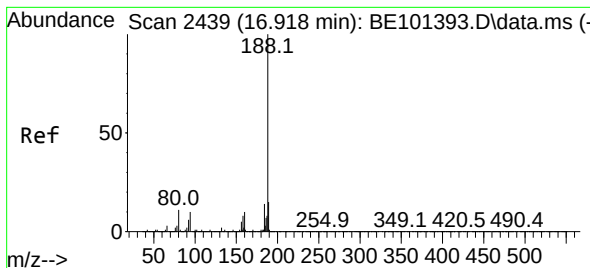
Tgt Ion:330 Resp: 486121
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.2 117.2
 141 21.8 18.3 27.5



#45
 2-Fluorobiphenyl
 Concen: 102.089 ng
 RT: 12.806 min Scan# 1739
 Delta R.T. 0.000 min
 Lab File: BE101445.D
 Acq: 1 Nov 2024 10:17

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





#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 :

PB164558BL

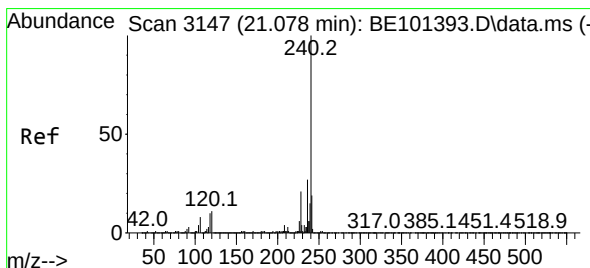
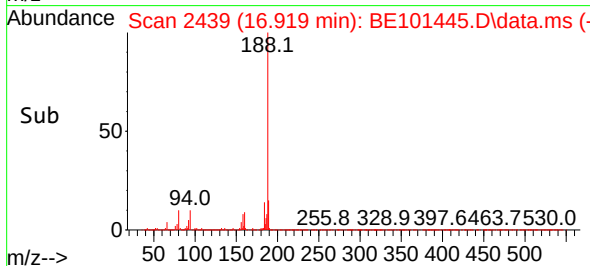
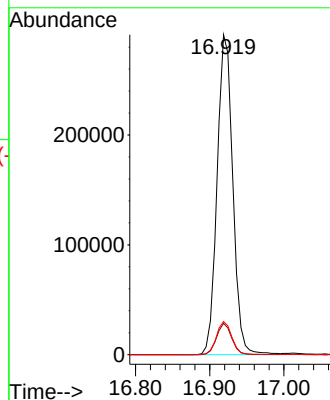
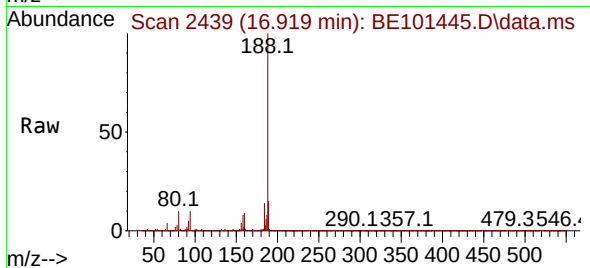
Tgt Ion:188 Resp: 428080

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

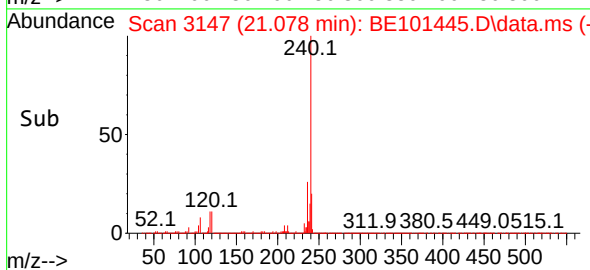
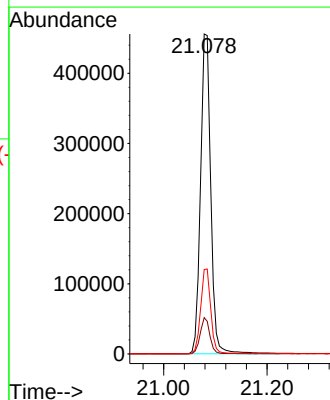
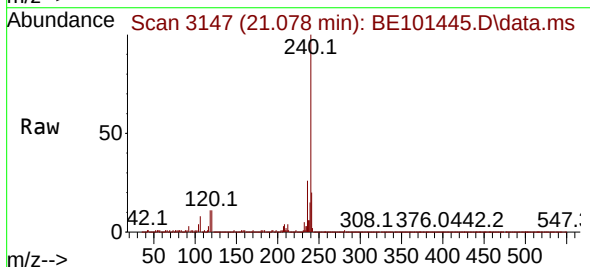
Tgt Ion:240 Resp: 625874

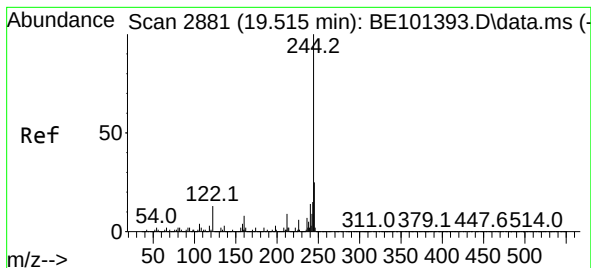
Ion Ratio Lower Upper

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 :

PB164558BL

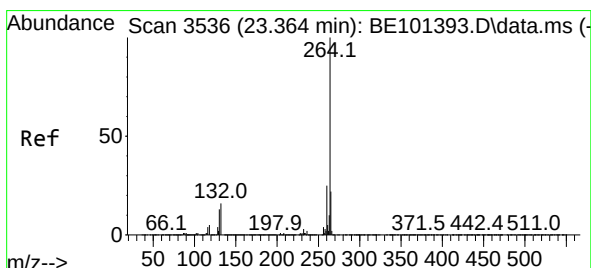
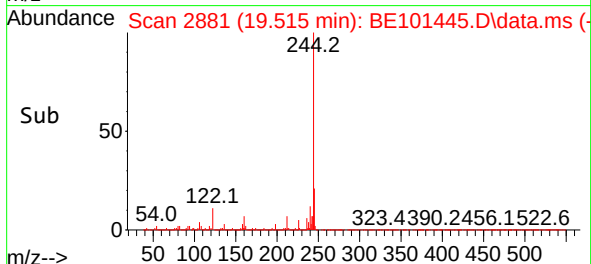
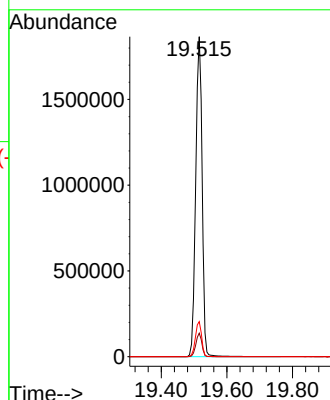
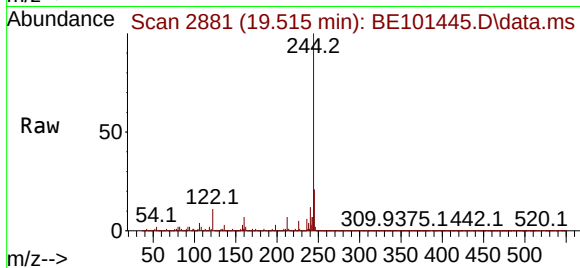
Tgt Ion:244 Resp: 2537606

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

