Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091724\
Data File : BE101353.D
Acq On : 17 Sep 2024 16:12
Operator : RC/JU
Sample : PB163307TB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
SLEB307

Quant Time: Sep 17 17:18:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 17 16:03:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.573	152	162016	20.000	ng	0.00
21) Naphthalene-d8	10.346	136	685347	20.000	ng	0.00
39) Acenaphthene-d10	14.183	164	464519	20.000	ng	0.00
64) Phenanthrene-d10	16.921	188	1111912	20.000	ng	0.00
76) Chrysene-d12	21.081	240	1415522	20.000	ng	0.00
86) Perylene-d12	23.372	264	1928976	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.323	112	1195209	128.985	ng	0.00
7) Phenol-d6	6.950	99	1515408	115.362	ng	0.00
23) Nitrobenzene-d5	8.784	82	839505	77.659	ng	0.00
42) 2,4,6-Tribromophenol	15.693	330	910316	116.513	ng	0.00
45) 2-Fluorobiphenyl	12.808	172	2194500	81.638	ng	0.00
79) Terphenyl-d14	19.518	244	4421634	69.262	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	9.918	122	25	7.346	ng	# 1

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

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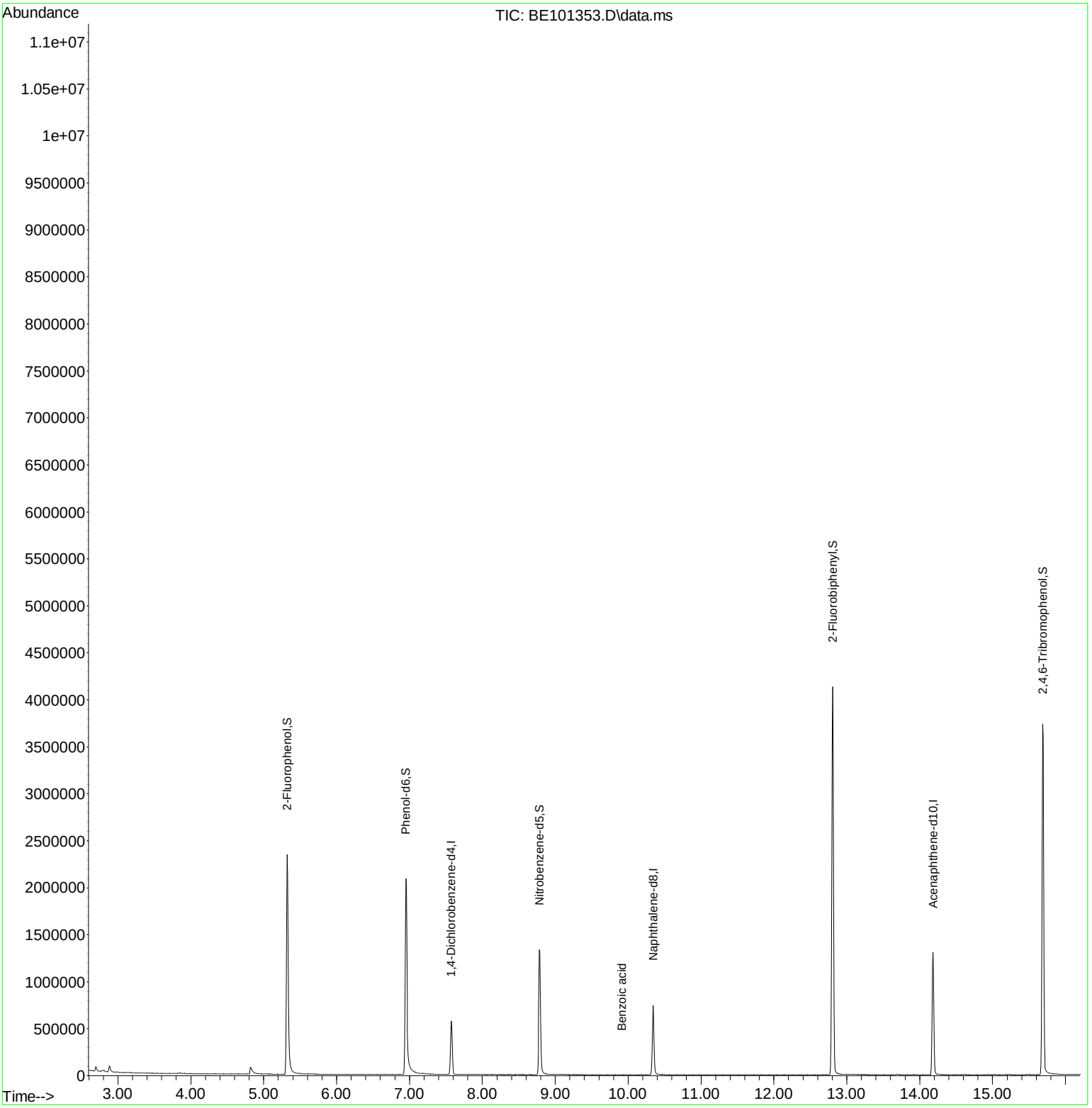

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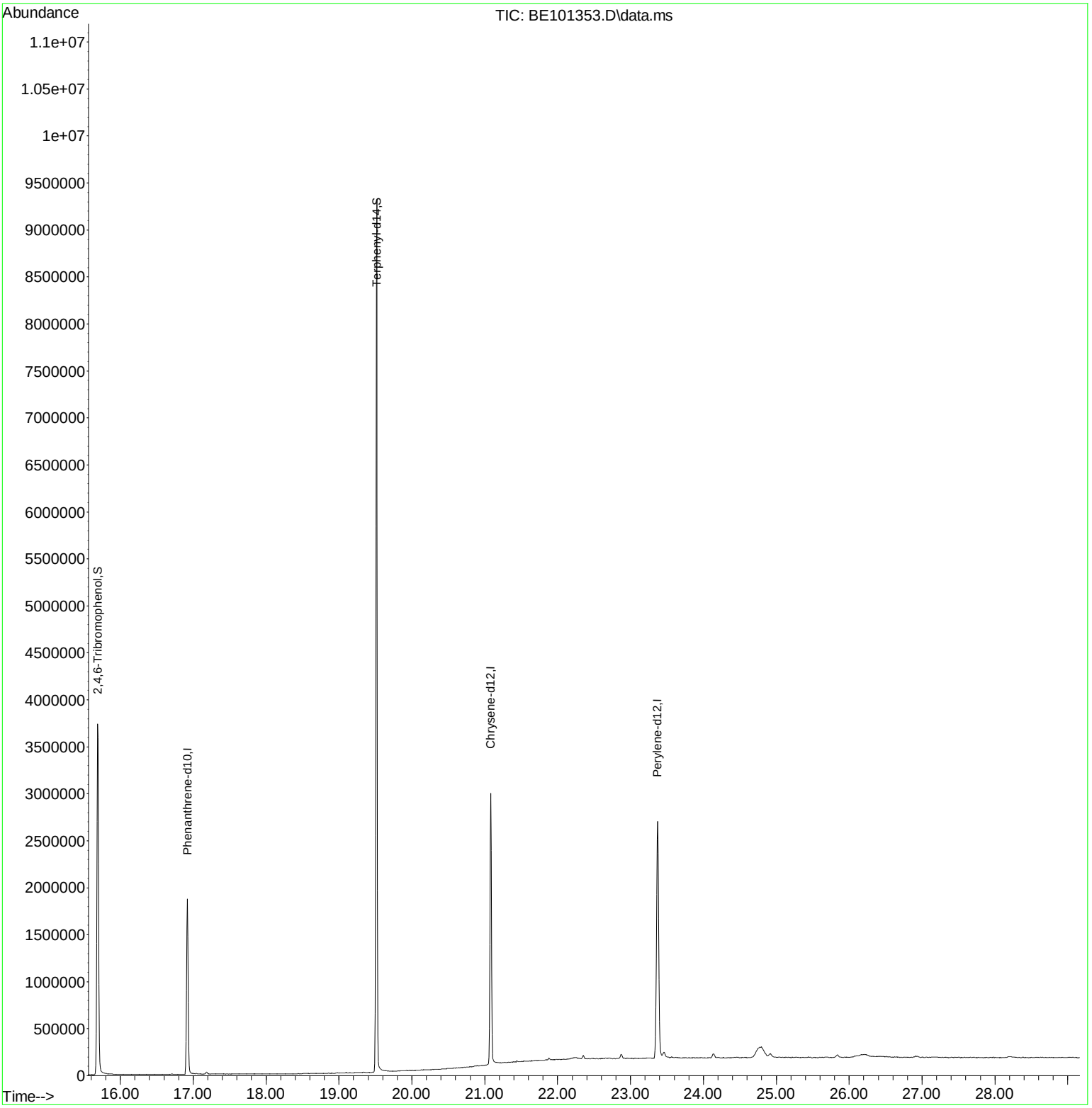
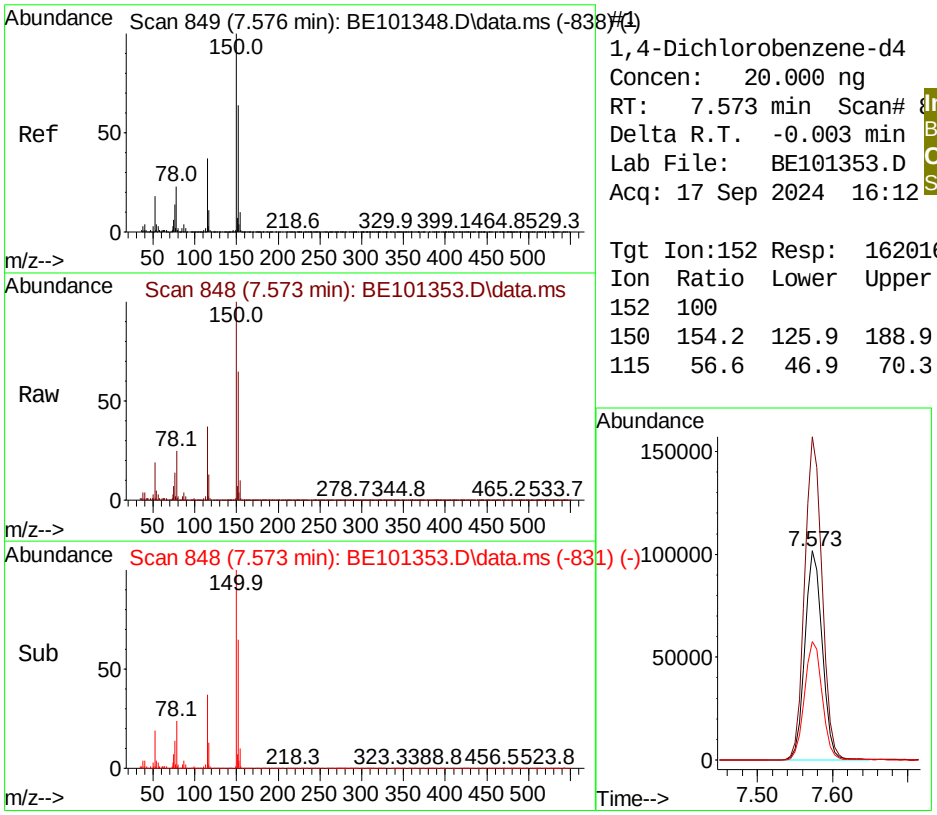


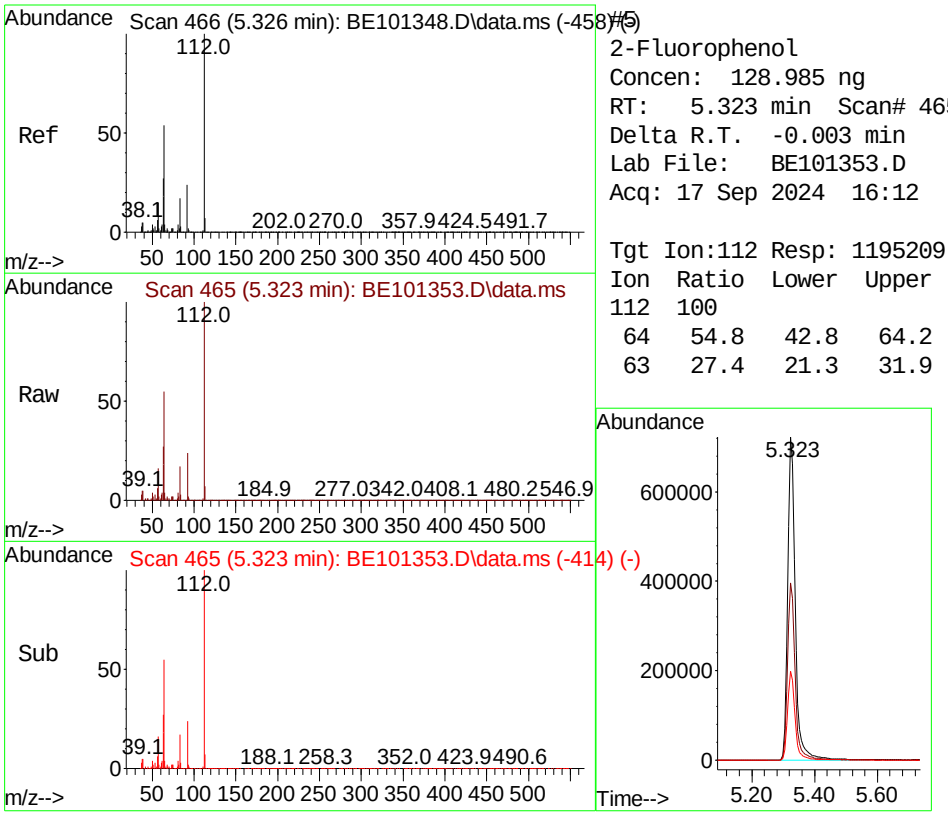


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.573 min Scan# 8
Delta R.T. -0.003 min
Lab File: BE101353.D
Acq: 17 Sep 2024 16:12

Instrument :
BNA_E
ClientSampleId :
SLEB307

Tgt Ion:152 Resp: 162016

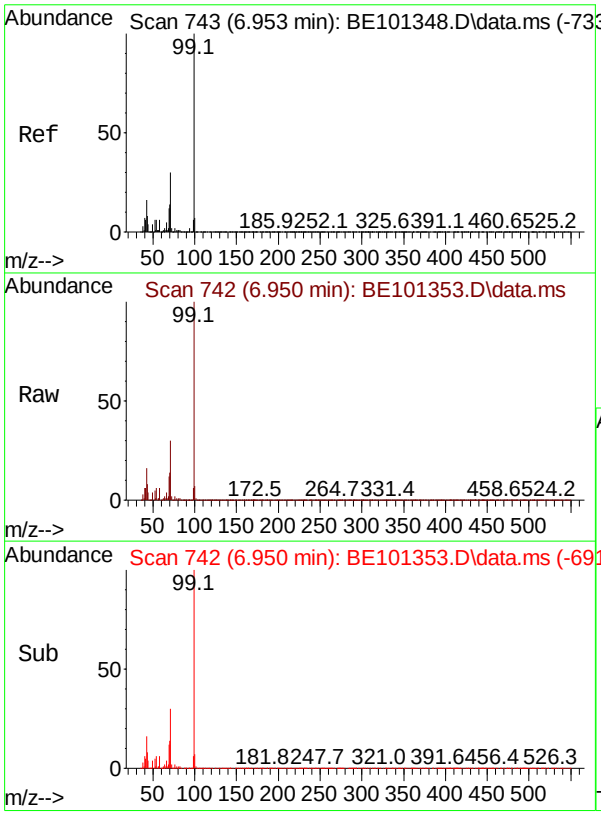
Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.9	188.9
115	56.6	46.9	70.3



#5
2-Fluorophenol
Concen: 128.985 ng
RT: 5.323 min Scan# 465
Delta R.T. -0.003 min
Lab File: BE101353.D
Acq: 17 Sep 2024 16:12

Tgt Ion:112 Resp: 1195209

Ion	Ratio	Lower	Upper
112	100		
64	54.8	42.8	64.2
63	27.4	21.3	31.9

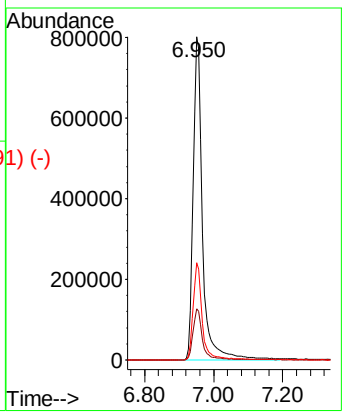


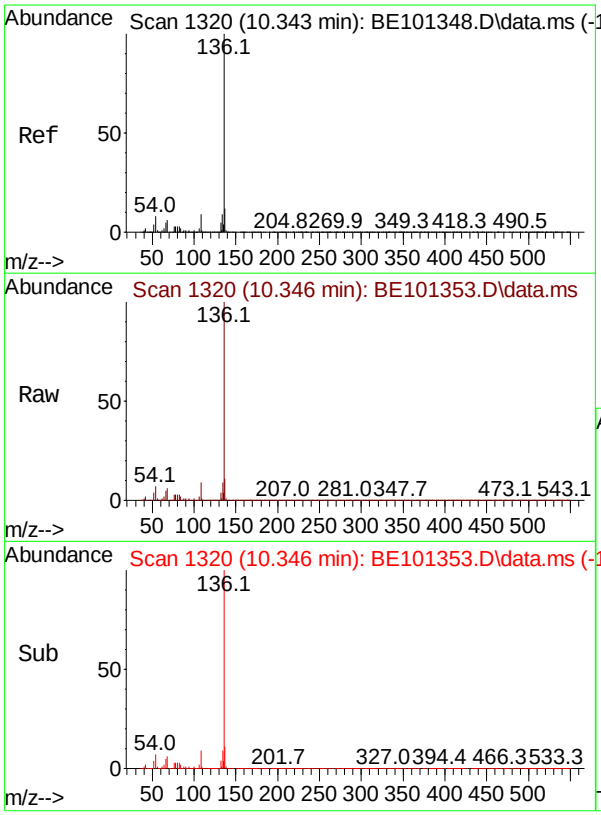
#7
Phenol-d6
Concen: 115.362 ng
RT: 6.950 min Scan# 1
Delta R.T. -0.003 min
Lab File: BE101353.D
Acq: 17 Sep 2024 16:12

Instrument :
BNA_E
ClientSampleId :
SLEB307

Tgt Ion: 99 Resp: 1515408

Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.8	19.2
71	30.0	23.8	35.6

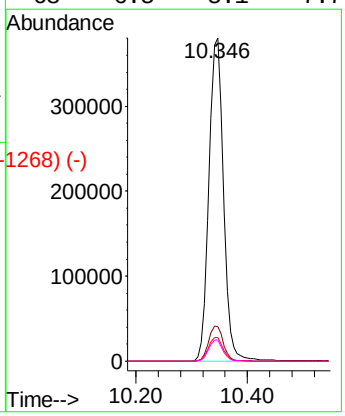


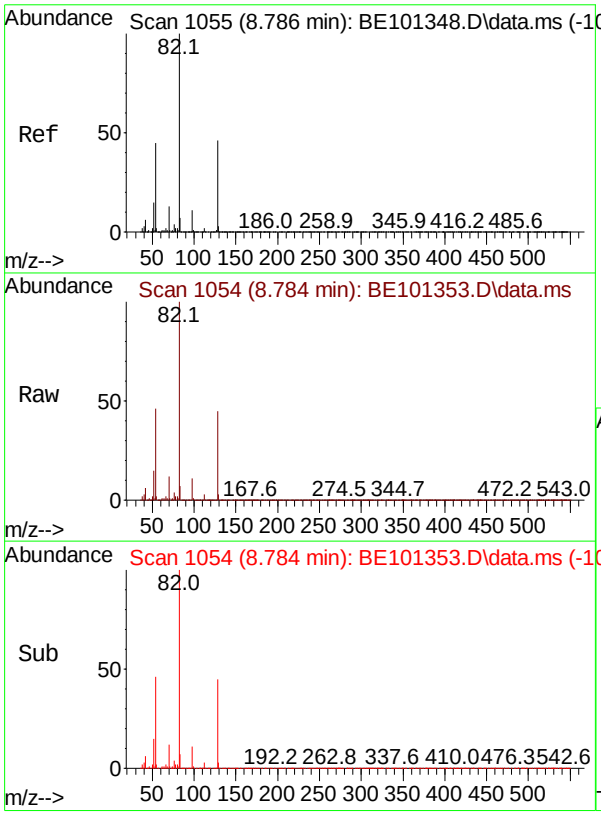


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.346 min Scan# 1320
Delta R.T. 0.003 min
Lab File: BE101353.D
Acq: 17 Sep 2024 16:12

Tgt Ion:136 Resp: 685347

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.3	13.9
54	7.4	6.1	9.1
68	6.5	5.1	7.7



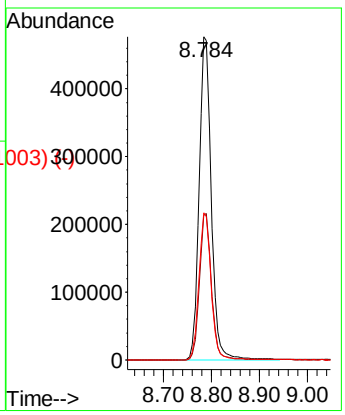


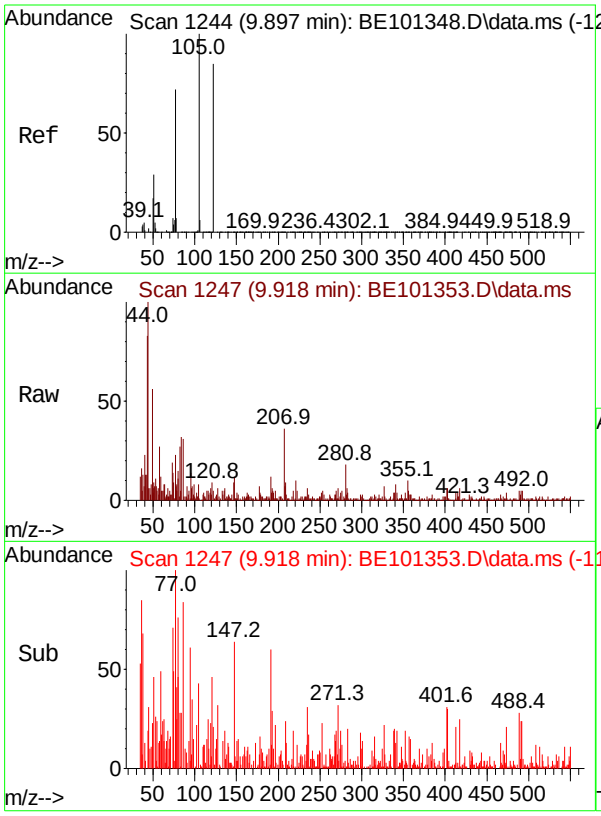
#23
Nitrobenzene-d5
Concen: 77.659 ng
RT: 8.784 min Scan# 1
Delta R.T. -0.003 min
Lab File: BE101353.D
Acq: 17 Sep 2024 16:12

Instrument :
BNA_E
ClientSampleId :
SLEB307

Tgt Ion: 82 Resp: 839505

Ion	Ratio	Lower	Upper
82	100		
128	44.7	36.8	55.2
54	45.5	36.2	54.4

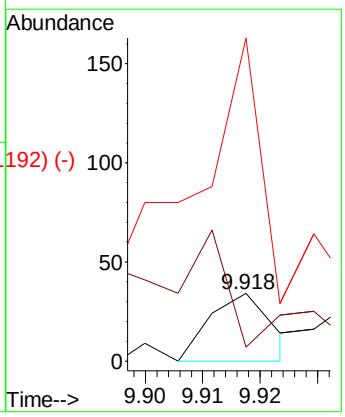


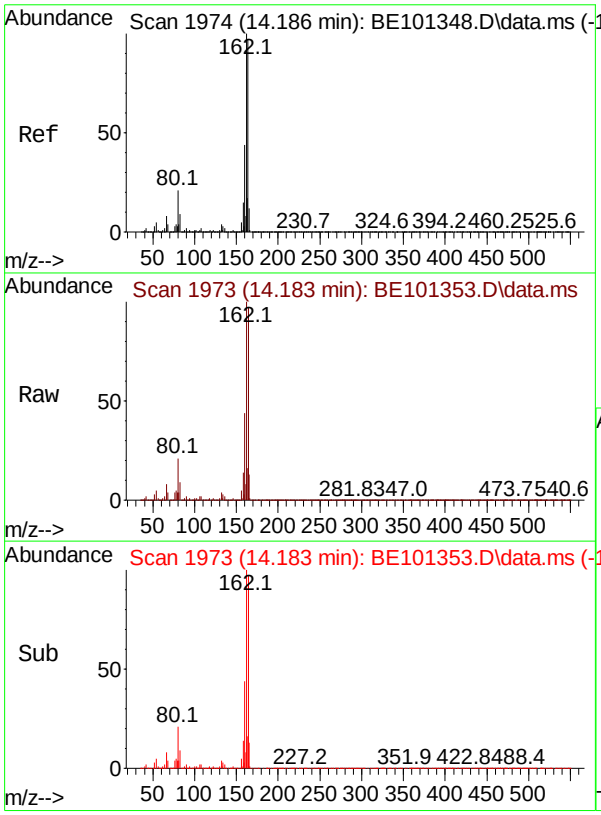


#32
Benzoic acid
Concen: 7.346 ng
RT: 9.918 min Scan# 1247
Delta R.T. 0.021 min
Lab File: BE101353.D
Acq: 17 Sep 2024 16:12

Tgt Ion:122 Resp: 25

Ion	Ratio	Lower	Upper
122	100		
105	20.6	96.7	136.7#
77	479.4	64.8	104.8#



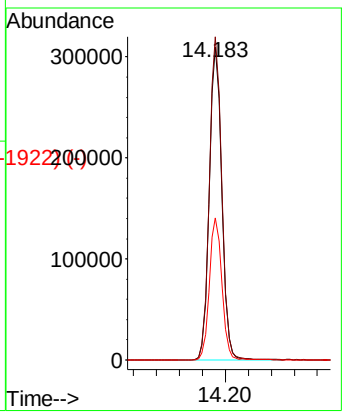


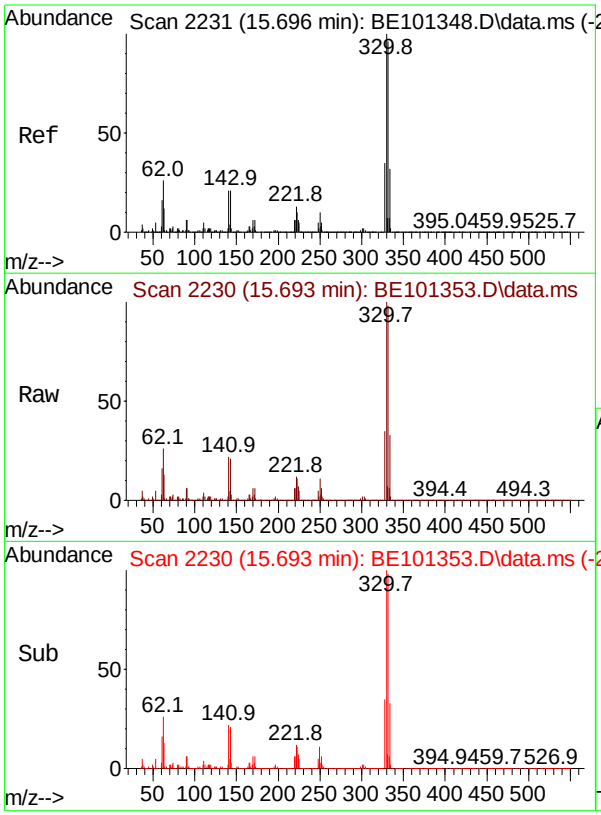
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.183 min Scan# 1
Delta R.T. -0.003 min
Lab File: BE101353.D
Acq: 17 Sep 2024 16:12

Instrument :
BNA_E
ClientSampleId :
SLEB307

Tgt Ion:164 Resp: 464519

Ion	Ratio	Lower	Upper
164	100		
162	103.3	82.6	123.8
160	45.5	36.1	54.1

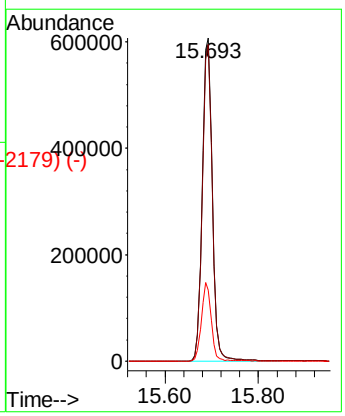


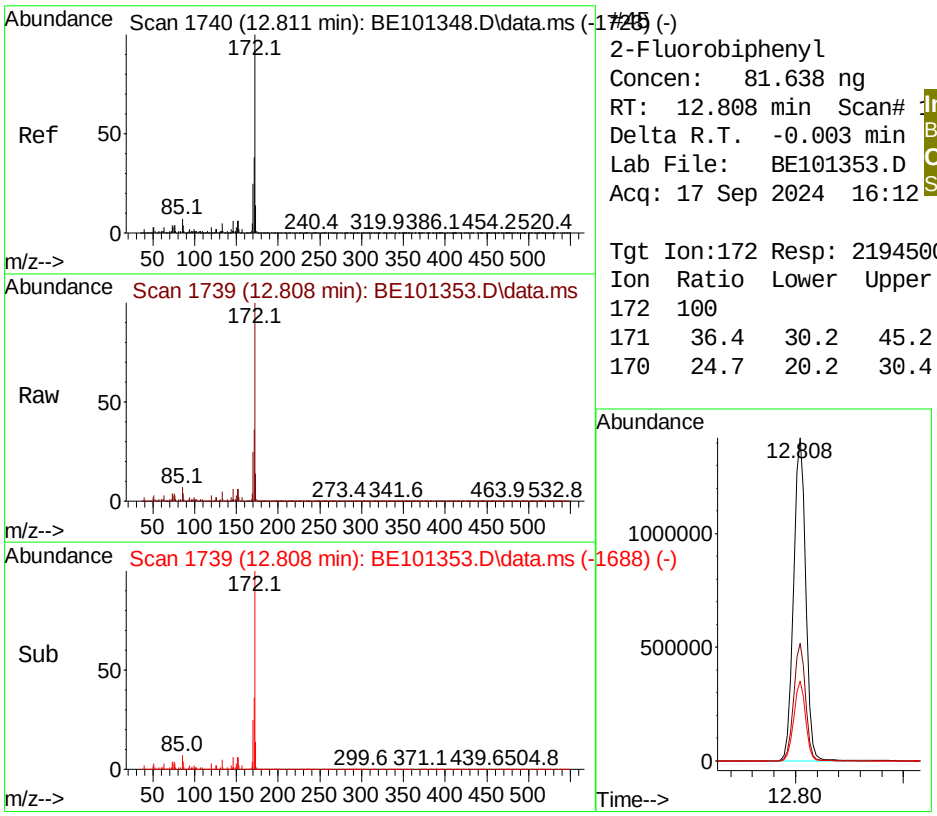


#42
2,4,6-Tribromophenol
Concen: 116.513 ng
RT: 15.693 min Scan# 2230
Delta R.T. -0.003 min
Lab File: BE101353.D
Acq: 17 Sep 2024 16:12

Tgt Ion:330 Resp: 910316

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.8	116.8
141	23.7	19.1	28.7



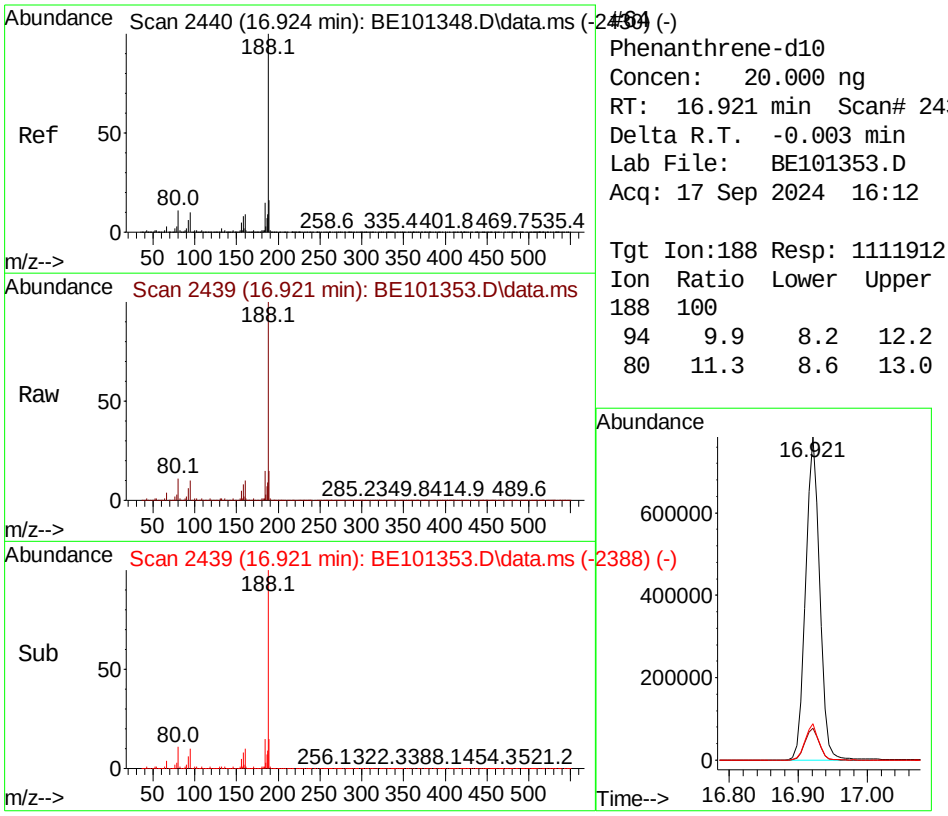


#45
2-Fluorobiphenyl
Concen: 81.638 ng
RT: 12.808 min Scan# 1
Delta R.T. -0.003 min
Lab File: BE101353.D
Acq: 17 Sep 2024 16:12

Instrument :
BNA_E
ClientSampleId :
SLEB307

Tgt Ion:172 Resp: 2194500

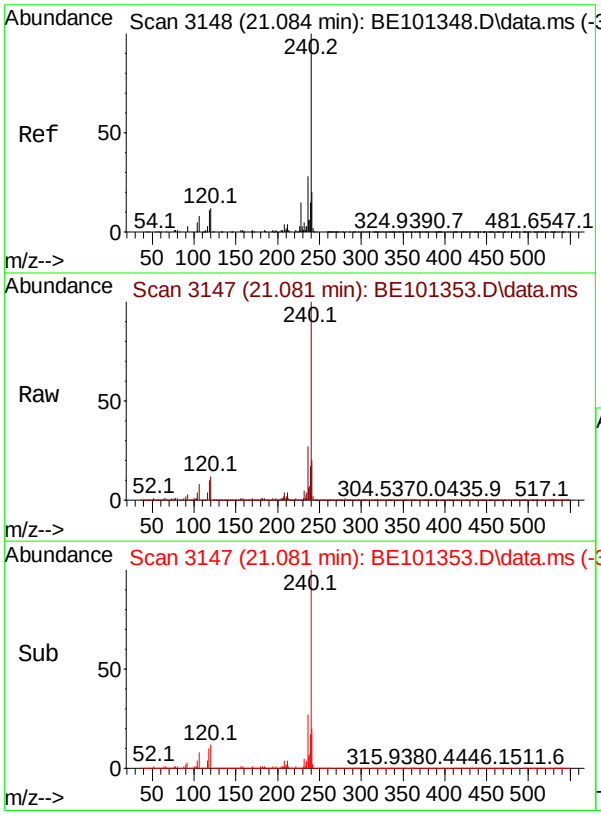
Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.2	45.2
170	24.7	20.2	30.4



#84
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.921 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BE101353.D
Acq: 17 Sep 2024 16:12

Tgt Ion:188 Resp: 1111912

Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.2
80	11.3	8.6	13.0

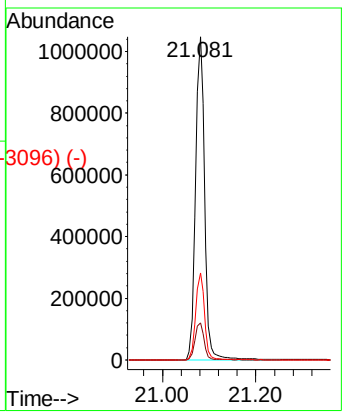


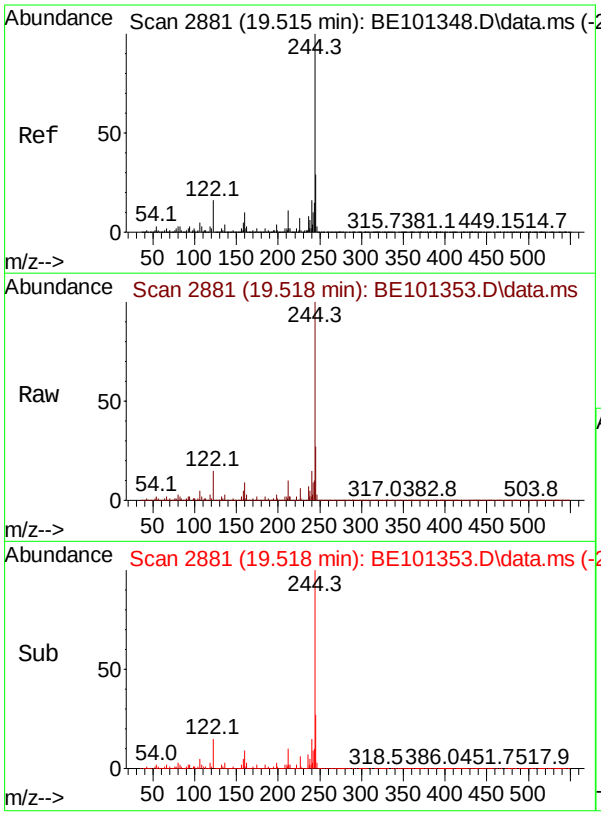
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.081 min Scan# 1
Delta R.T. -0.003 min
Lab File: BE101353.D
Acq: 17 Sep 2024 16:12

Instrument :
BNA_E
ClientSampleId :
SLEB307

Tgt Ion:240 Resp: 1415522

Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.8	14.8
236	27.0	22.1	33.1

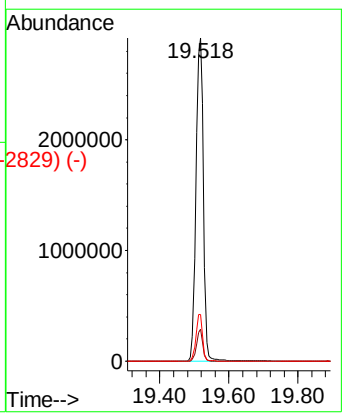


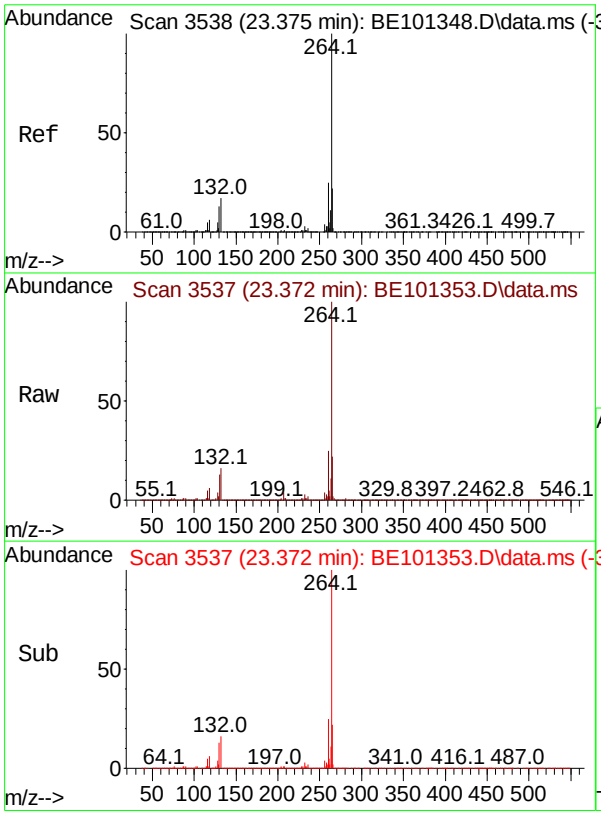


#79
Terphenyl-d14
Concen: 69.262 ng
RT: 19.518 min Scan# 2881
Delta R.T. 0.003 min
Lab File: BE101353.D
Acq: 17 Sep 2024 16:12

Tgt Ion:244 Resp: 4421634

Ion	Ratio	Lower	Upper
244	100		
212	9.9	8.5	12.7
122	14.5	13.1	19.7





#28
Perylene-d12
Concen: 20.000 ng
RT: 23.372 min Scan# 1
Delta R.T. -0.003 min
Lab File: BE101353.D
Acq: 17 Sep 2024 16:12

Instrument :
BNA_E
ClientSampleId :
SLEB307

Tgt Ion:264 Resp: 1928976

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	22.1	17.8	26.6