Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103024\
Data File : BE101417.D
Acq On : 30 Oct 2024 10:35
Operator : RC/JU
Sample : PB164401BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB164401BL

Quant Time: Nov 04 07:00:19 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	7.569	152	120181	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	516854	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	338564	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	823184	20.000	ng	0.00
76) Chrysene-d12	21.071	240	1040671	20.000	ng	0.00
86) Perylene-d12	23.362	264	1417194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	1063066	155.033	ng	0.00
7) Phenol-d6	6.946	99	1349771	141.962	ng	0.00
23) Nitrobenzene-d5	8.780	82	762023	92.603	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	820123	138.209	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	1948901	97.486	ng	0.00
79) Terphenyl-d14	19.514	244	3846837	85.077	ng	0.00
Target Compounds						Qvalue

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

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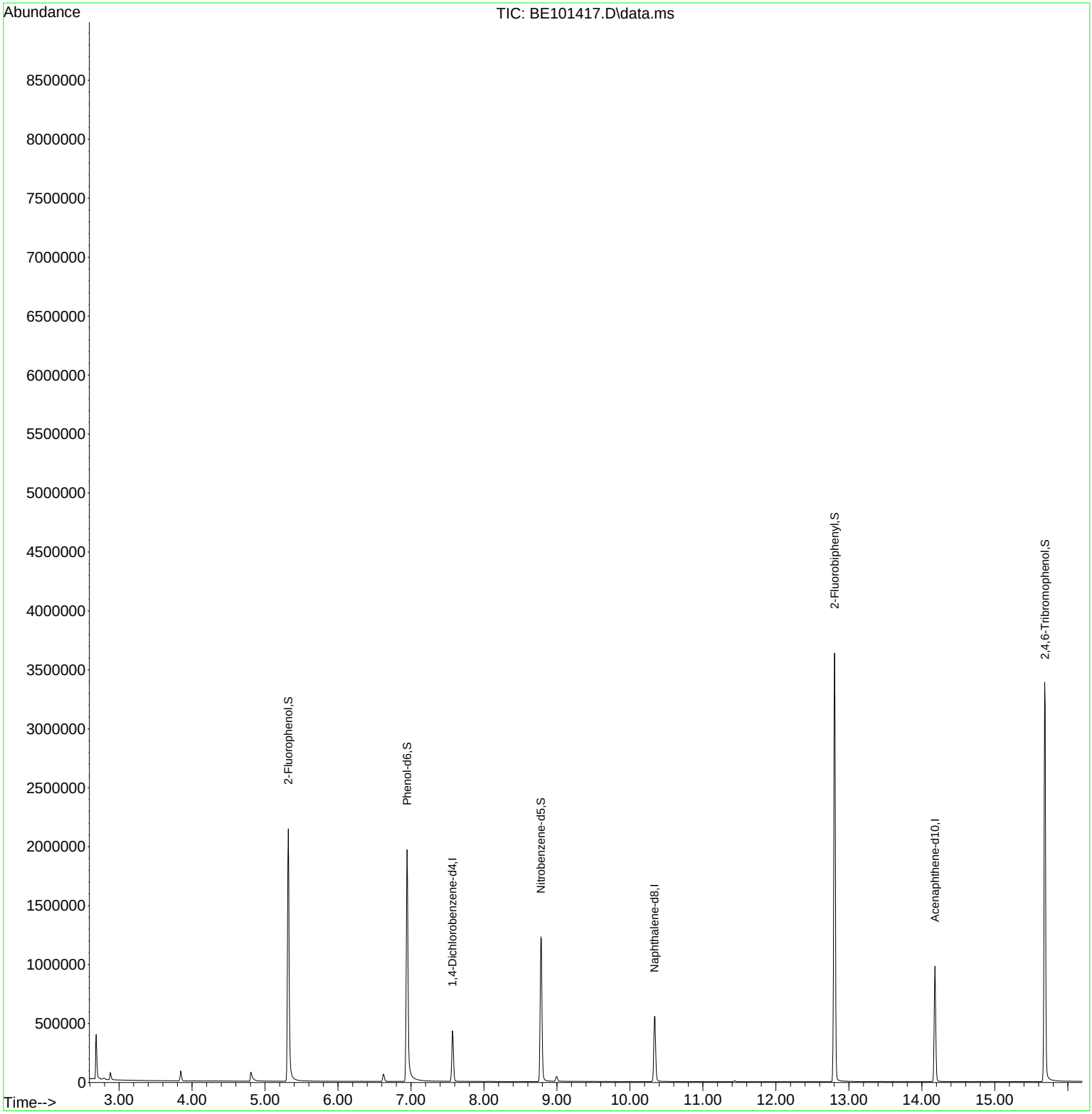

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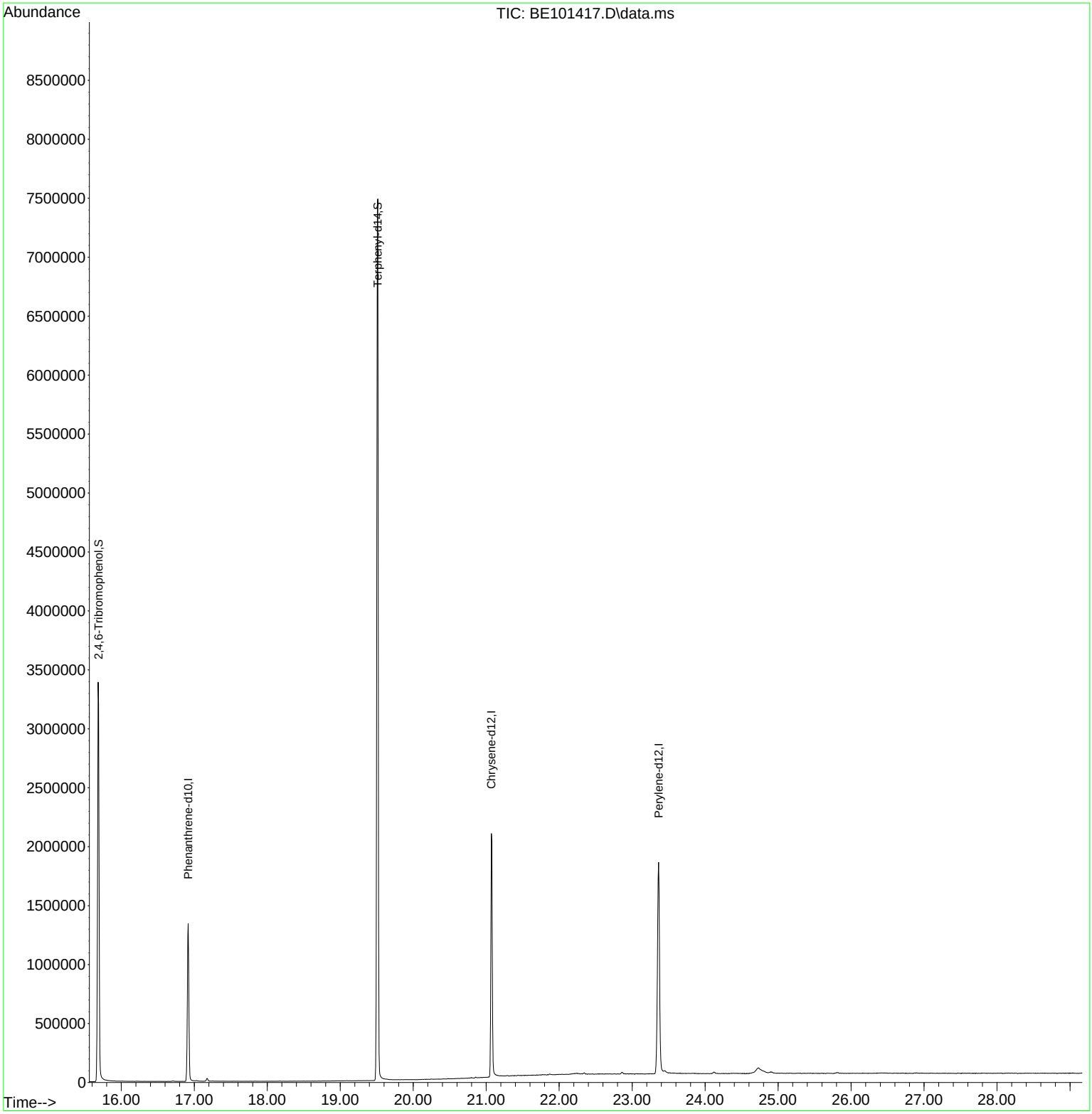
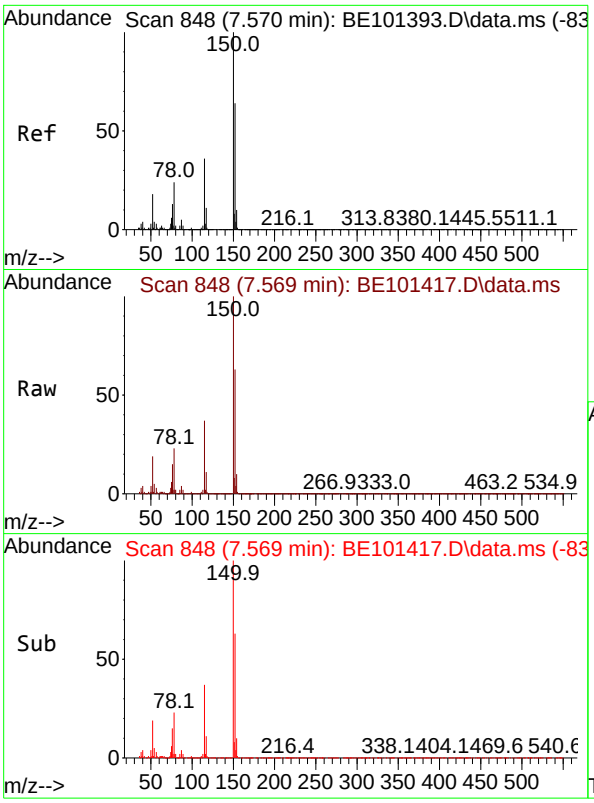


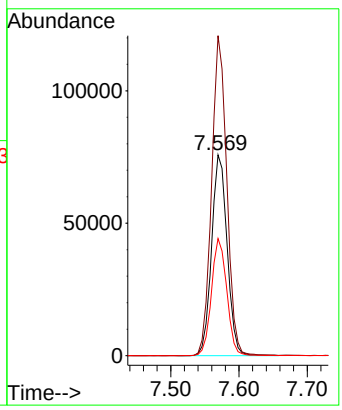


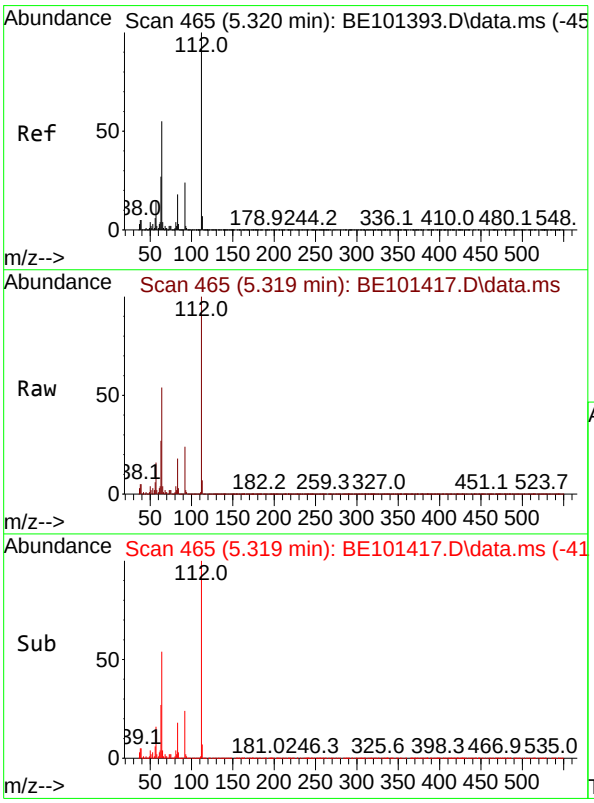
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.001 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

Instrument :
BNA_E
ClientSampleId :
PB164401BL

Tgt Ion:152 Resp: 120181

Ion	Ratio	Lower	Upper
152	100		
150	159.4	124.2	186.4
115	58.3	45.3	67.9

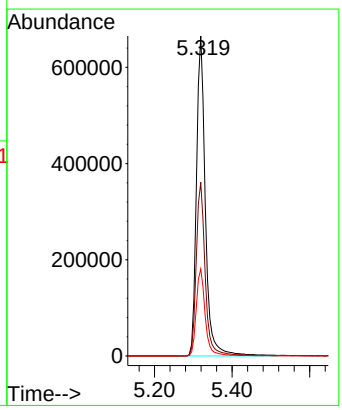


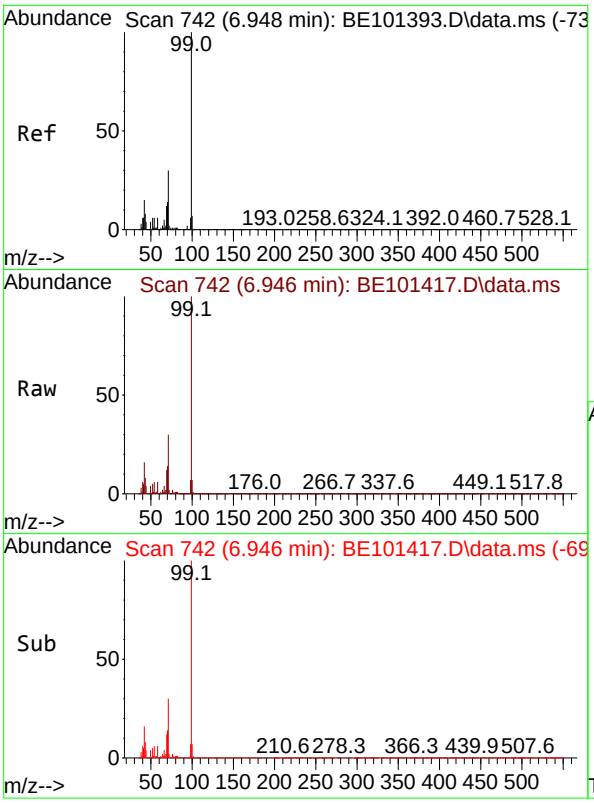


#5
2-Fluorophenol
Concen: 155.033 ng
RT: 5.319 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

Tgt Ion:112 Resp: 1063066

Ion	Ratio	Lower	Upper
112	100		
64	54.3	43.7	65.5
63	27.2	21.4	32.2



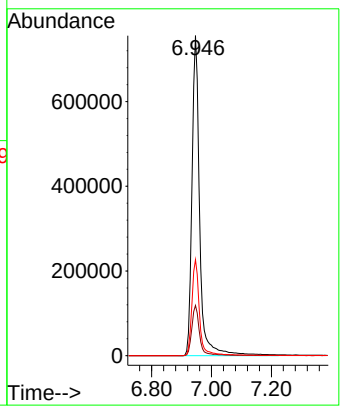


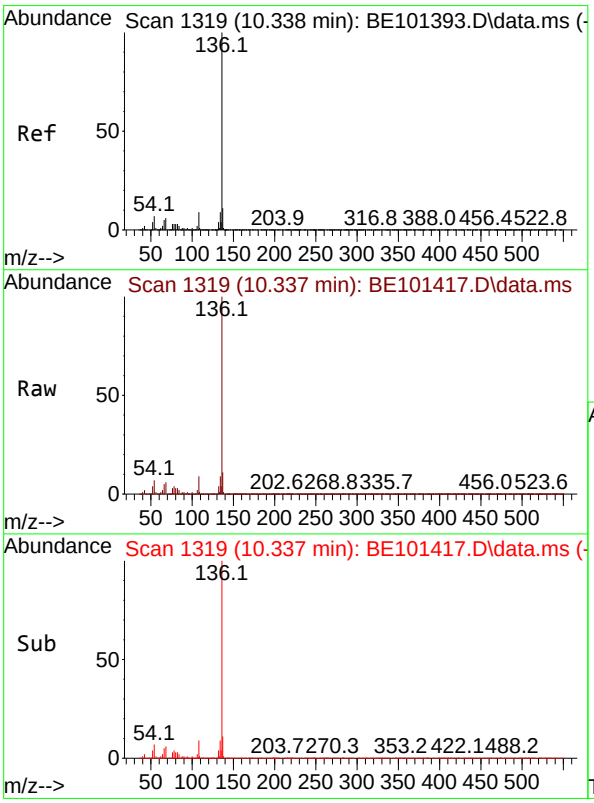
#7
Phenol-d6
Concen: 141.962 ng
RT: 6.946 min Scan# 74
Delta R.T. -0.001 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

Instrument :
BNA_E
ClientSampleId :
PB164401BL

Tgt Ion: 99 Resp: 1349771

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.3	18.5
71	30.0	23.8	35.8

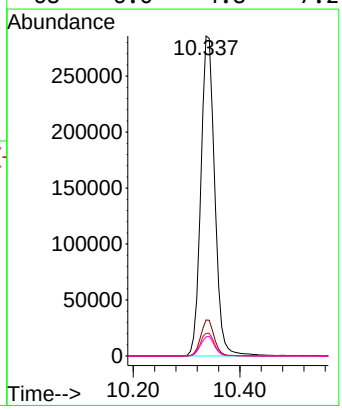


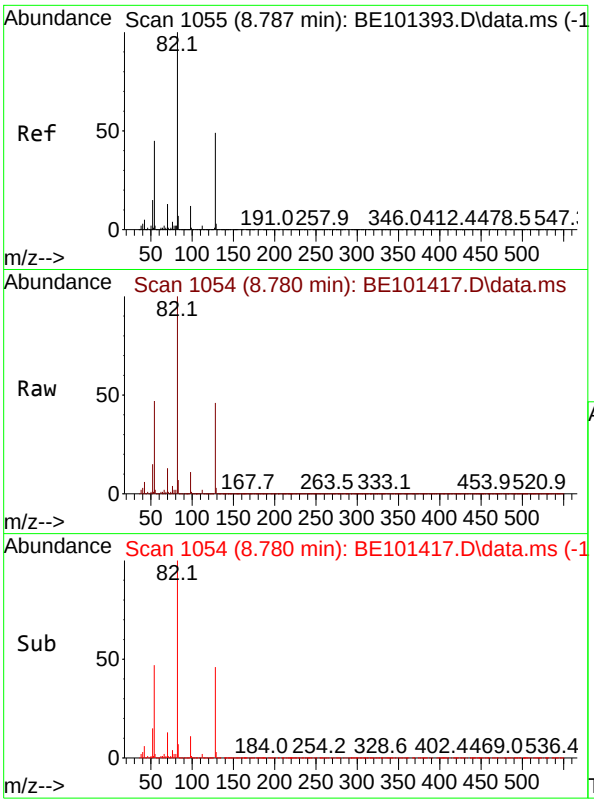


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

Tgt Ion:136 Resp: 516854

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.6
54	7.1	5.9	8.9
68	6.0	4.8	7.2



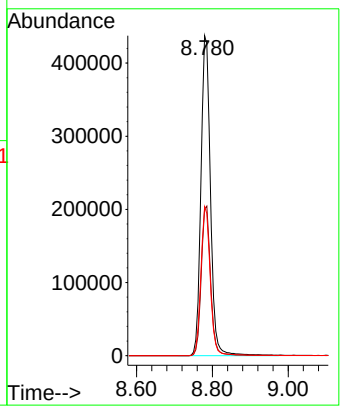


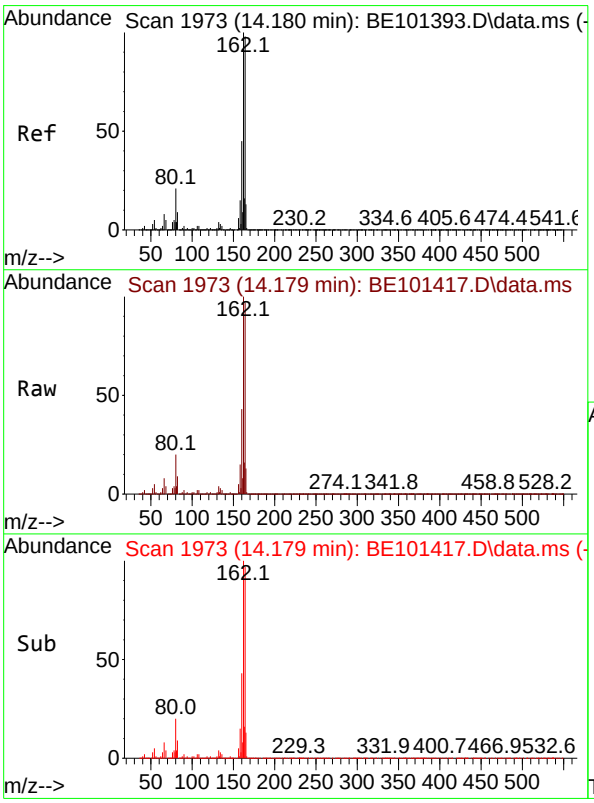
#23
Nitrobenzene-d5
Concen: 92.603 ng
RT: 8.780 min Scan# 1
Delta R.T. -0.007 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

Instrument :
BNA_E
ClientSampleId :
PB164401BL

Tgt Ion: 82 Resp: 762023

Ion	Ratio	Lower	Upper
82	100		
128	45.8	38.9	58.3
54	46.6	36.2	54.4

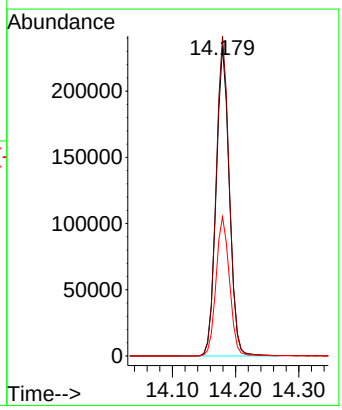


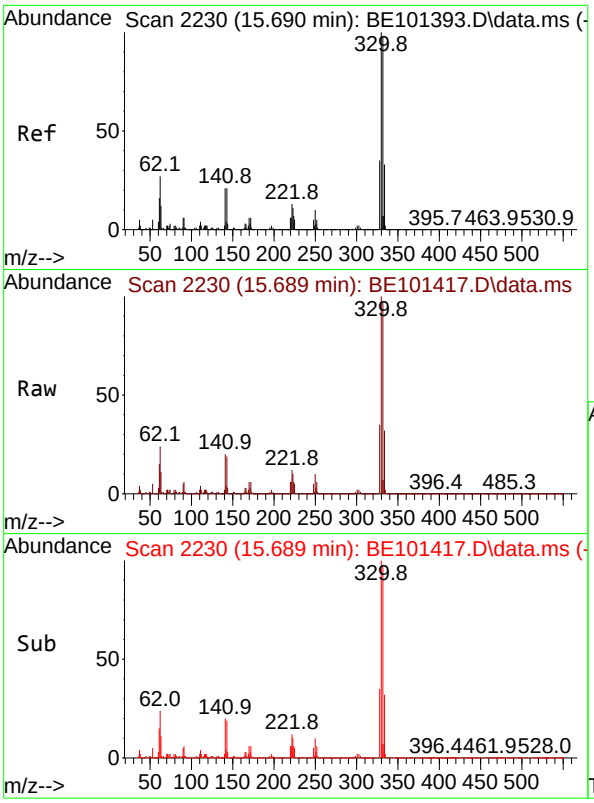


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.179 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

Tgt Ion:164 Resp: 338564

Ion	Ratio	Lower	Upper
164	100		
162	103.4	81.3	121.9
160	45.0	36.4	54.6



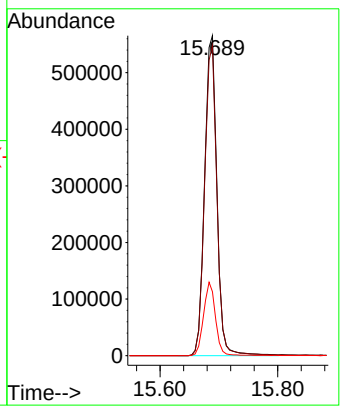


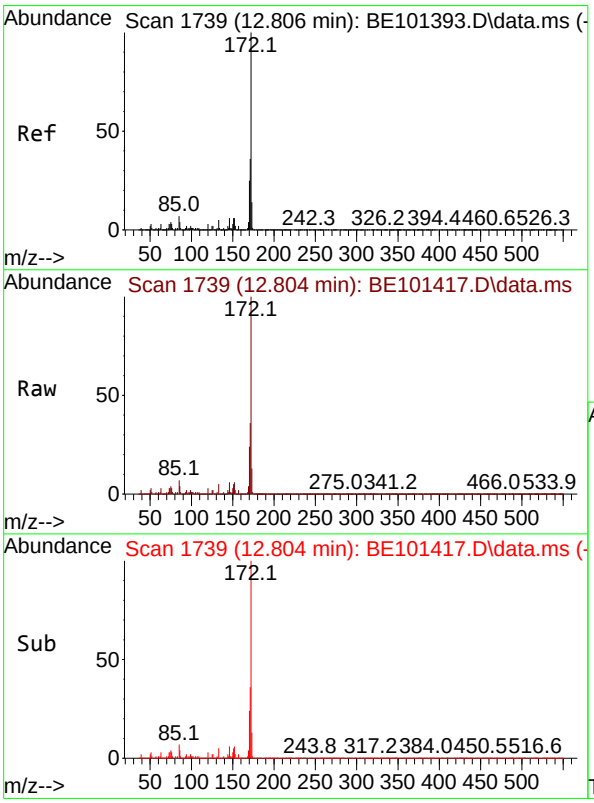
#42
2,4,6-Tribromophenol
Concen: 138.209 ng
RT: 15.689 min Scan# 2
Delta R.T. -0.001 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

Instrument :
BNA_E
ClientSampleId :
PB164401BL

Tgt Ion:330 Resp: 820123

Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.2	117.2
141	22.3	18.3	27.5

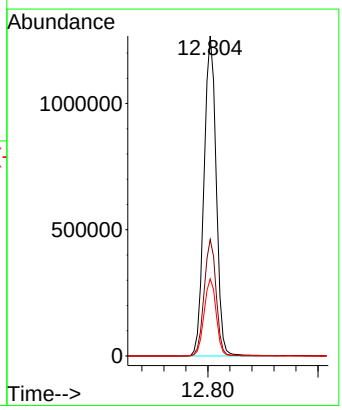


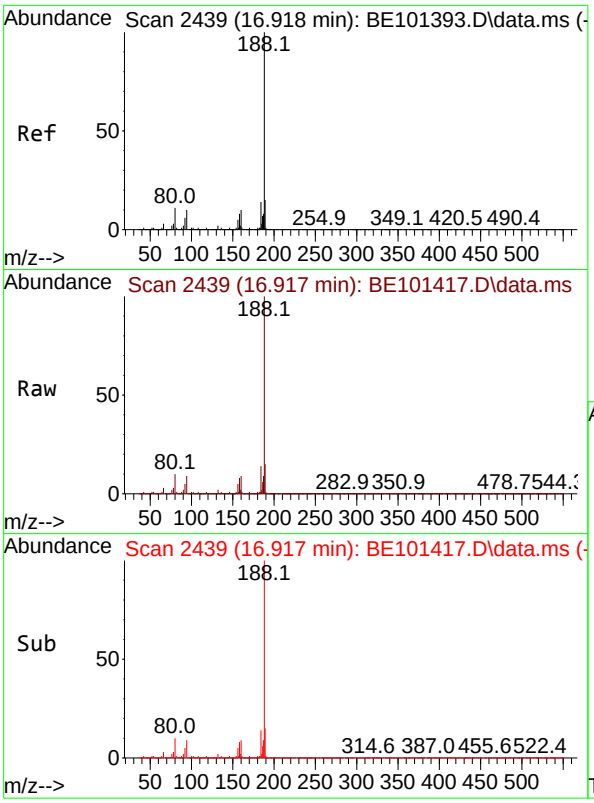


#45
2-Fluorobiphenyl
Concen: 97.486 ng
RT: 12.804 min Scan# 1739
Delta R.T. -0.001 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

Tgt Ion:172 Resp: 1948901

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	24.1	19.8	29.6



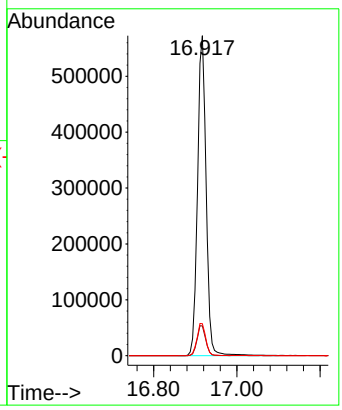


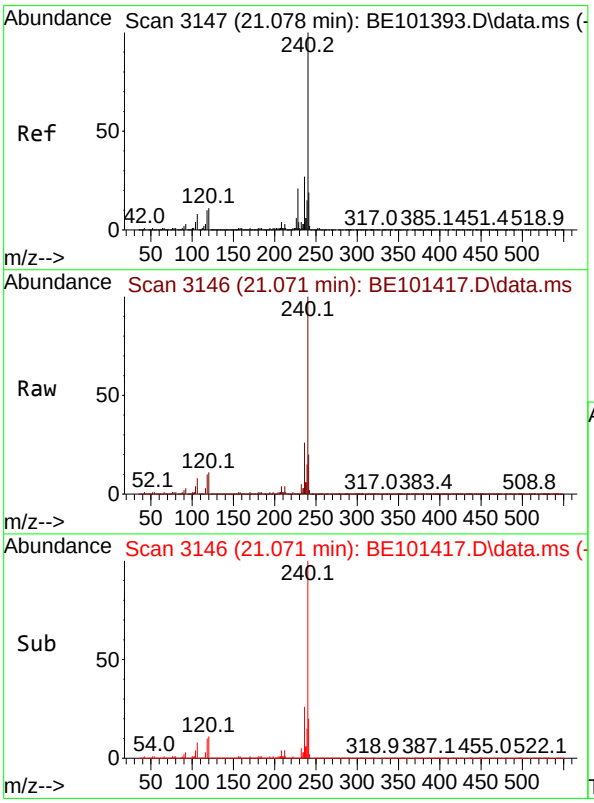
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.917 min Scan# 24
Delta R.T. -0.001 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

Instrument :
BNA_E
ClientSampleId :
PB164401BL

Tgt Ion:188 Resp: 823184

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.8	11.8
80	10.0	8.6	12.8

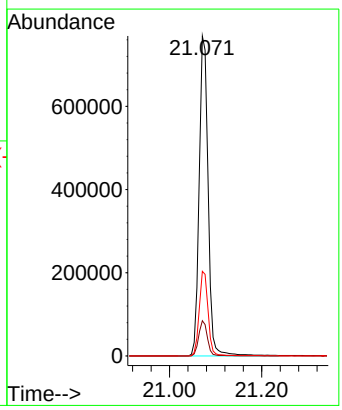


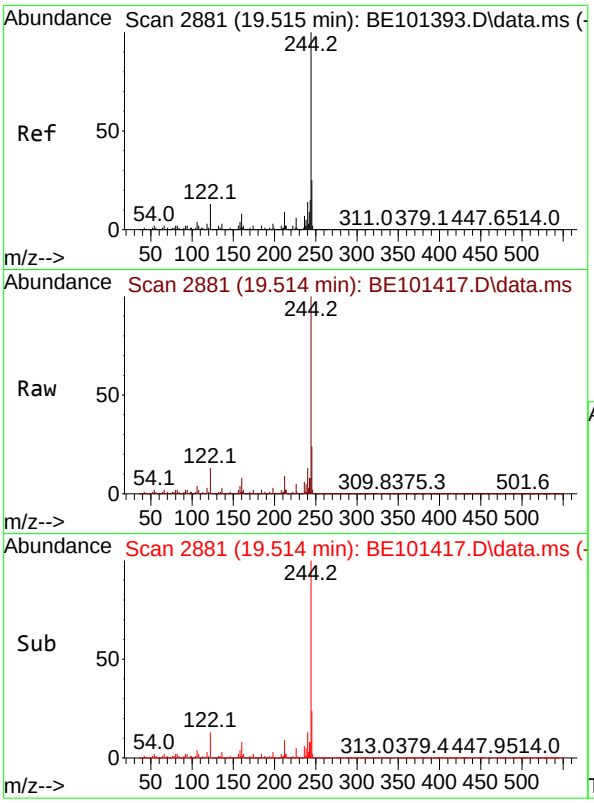


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.071 min Scan# 3146
Delta R.T. -0.007 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

Tgt Ion:240 Resp: 1040671

Ion	Ratio	Lower	Upper
240	100		
120	11.0	9.0	13.4
236	26.5	21.4	32.0



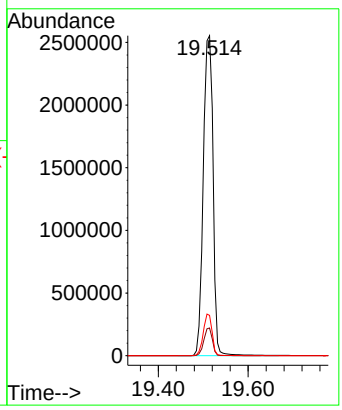


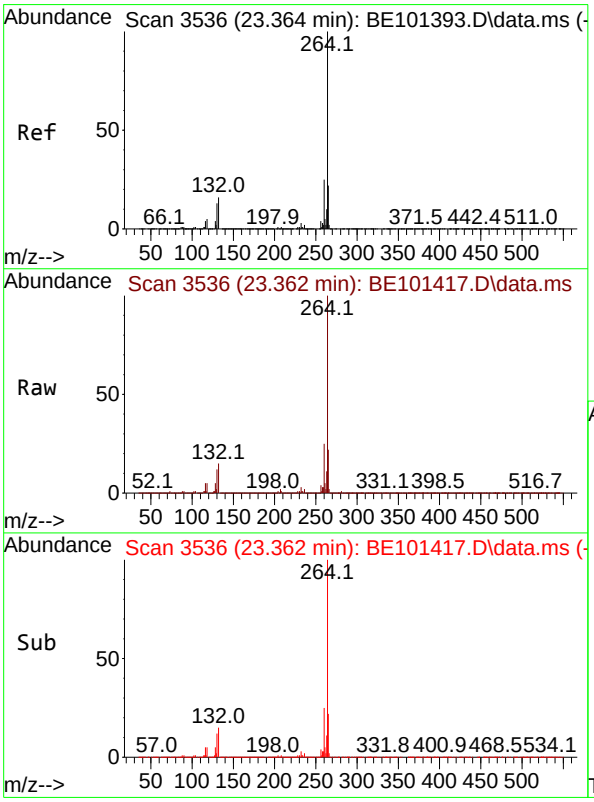
#79
Terphenyl-d14
Concen: 85.077 ng
RT: 19.514 min Scan# 2
Delta R.T. -0.001 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

Instrument :
BNA_E
ClientSampleId :
PB164401BL

Tgt Ion:244 Resp: 3846837

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.2	10.8
122	12.6	10.4	15.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.362 min Scan# 3536
Delta R.T. -0.001 min
Lab File: BE101417.D
Acq: 30 Oct 2024 10:35

Tgt Ion:264 Resp: 1417194

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	22.0	17.6	26.4