Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
Data File : BE101468.D
Acq On : 4 Nov 2024 22:49
Operator : RC/JU
Sample : P4667-01
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-F-6

Quant Time: Nov 04 23:11:59 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	57642	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	255503	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	174731	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	419906	20.000	ng	0.00
76) Chrysene-d12	21.077	240	518554	20.000	ng	0.00
86) Perylene-d12	23.362	264	675111	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	297394	90.426	ng	0.00
7) Phenol-d6	6.946	99	411740	90.288	ng	0.00
23) Nitrobenzene-d5	8.780	82	226210	55.608	ng	0.00
42) 2,4,6-Tribromophenol	15.683	330	298499	97.470	ng	0.00
45) 2-Fluorobiphenyl	12.798	172	600992	58.250	ng	0.00
79) Terphenyl-d14	19.508	244	1341471	59.540	ng	0.00
Target Compounds						Qvalue

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

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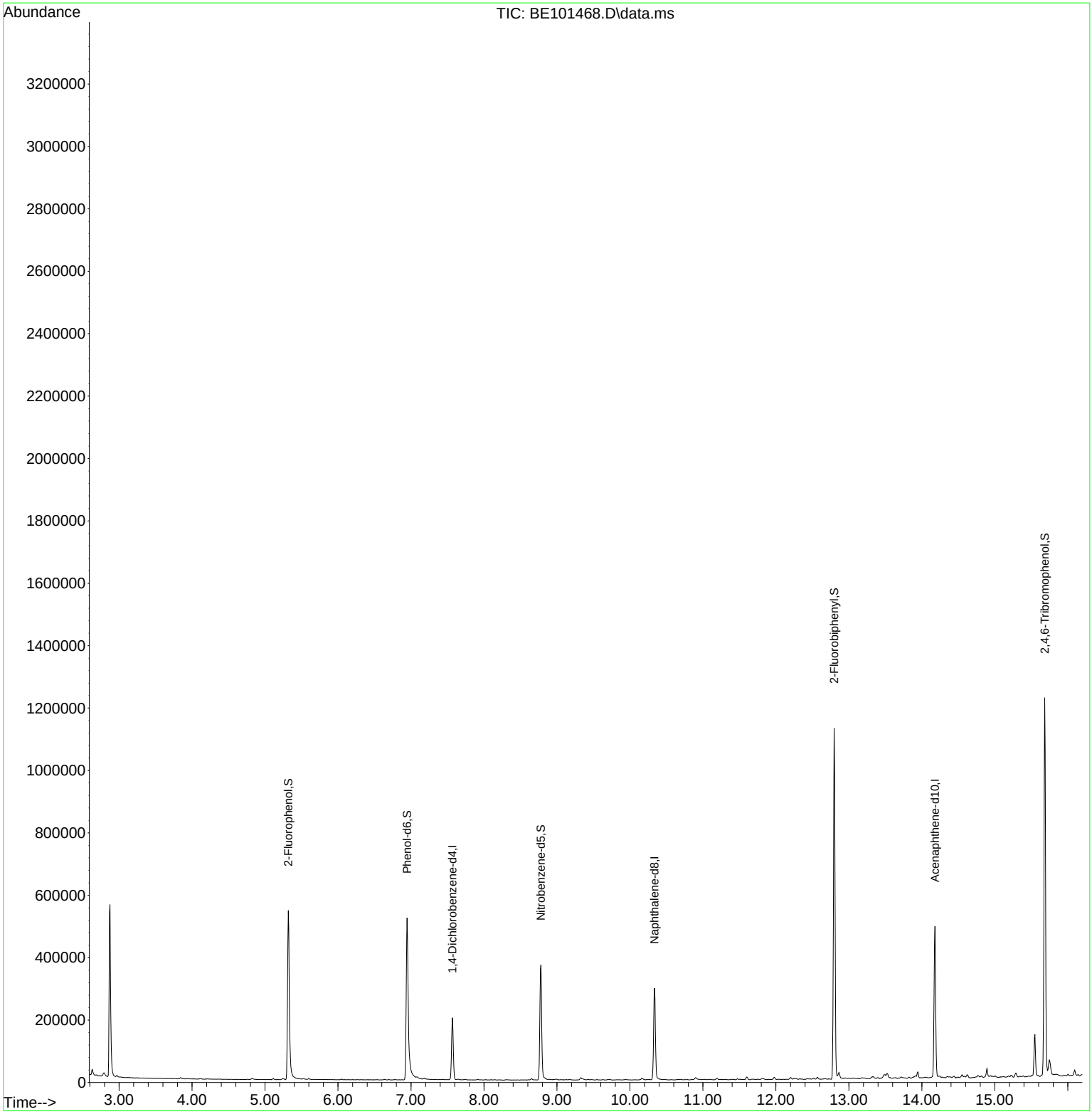

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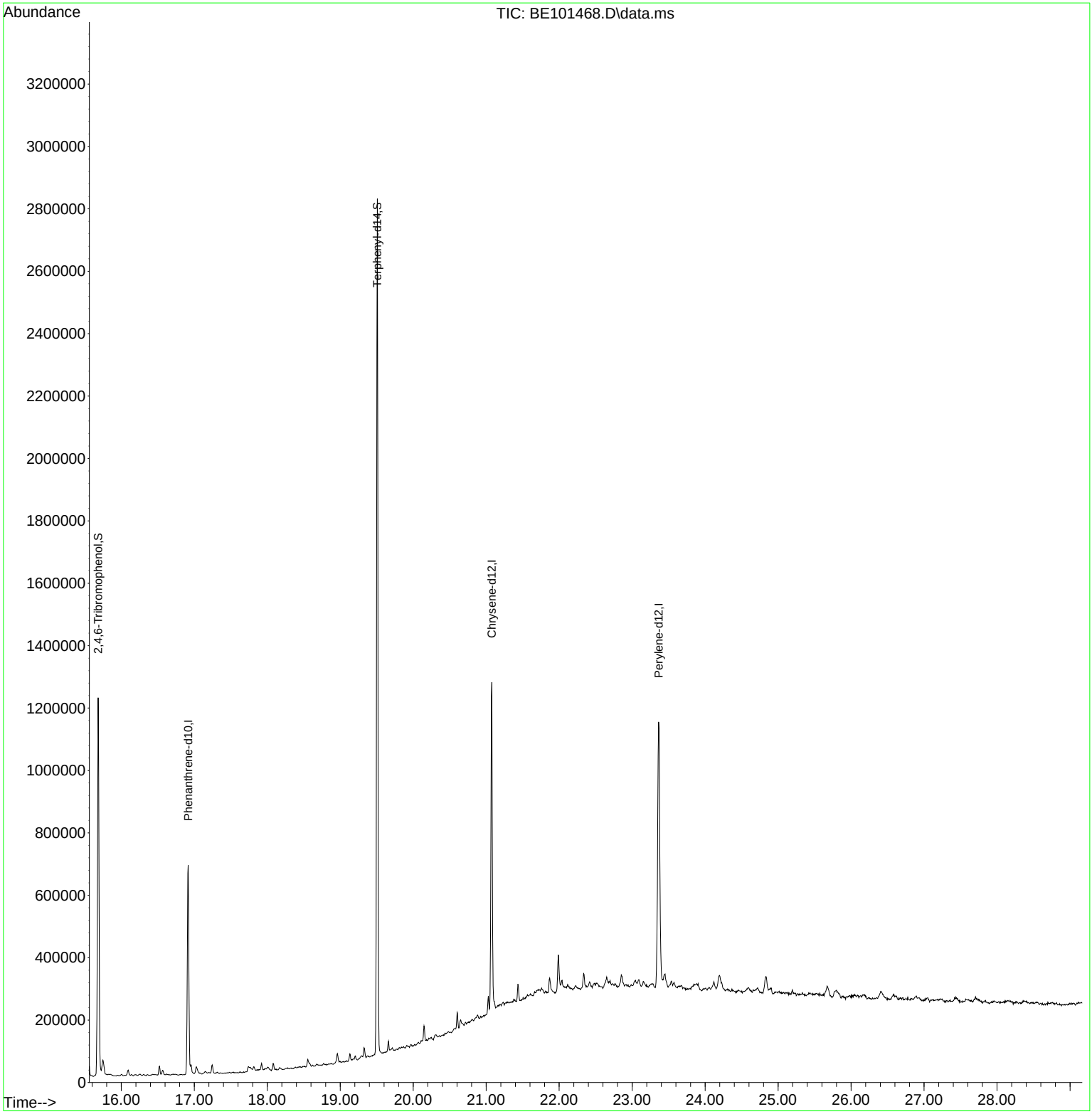
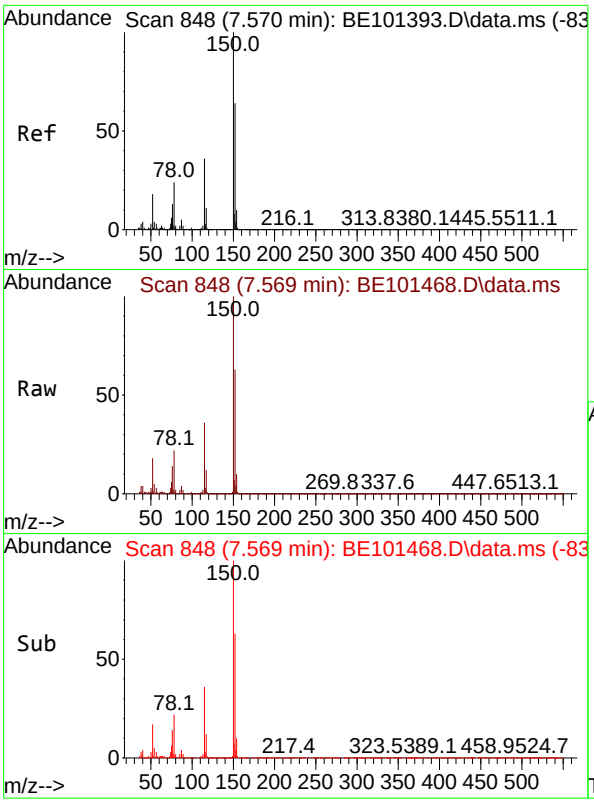


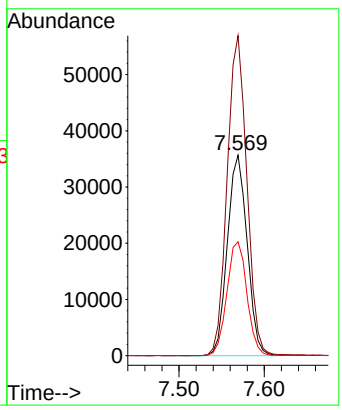


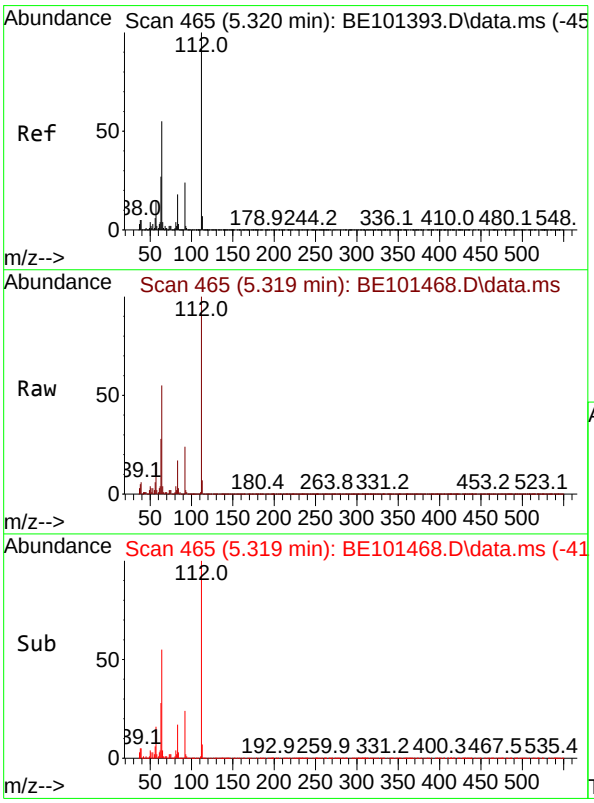
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.001 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

Instrument :
BNA_E
ClientSampleId :
BP-F-6

Tgt Ion:152 Resp: 57642

Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.2	186.4
115	56.9	45.3	67.9

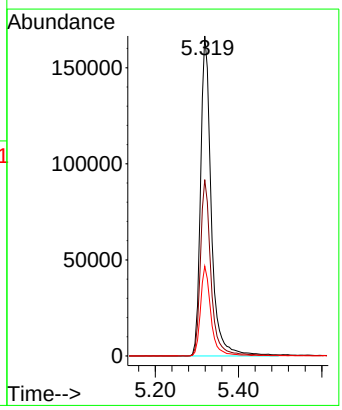


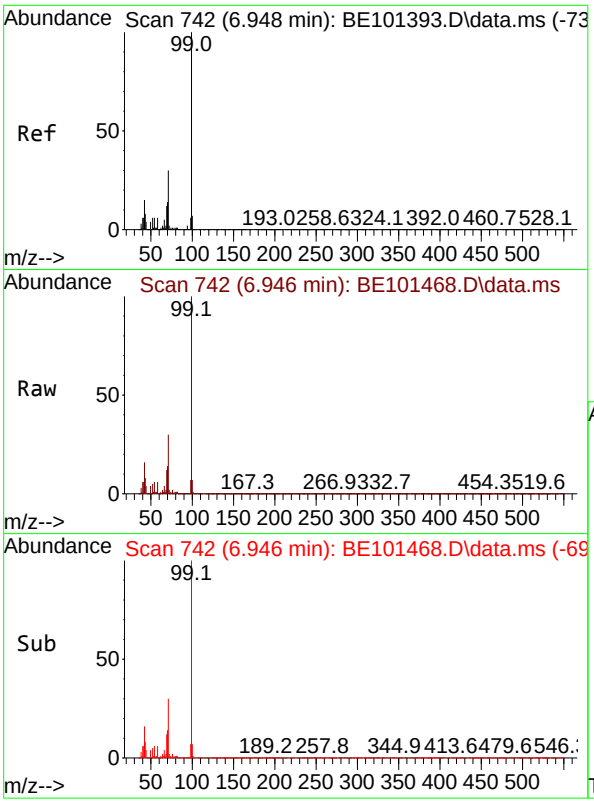


#5
2-Fluorophenol
Concen: 90.426 ng
RT: 5.319 min Scan# 465
Delta R.T. -0.001 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

Tgt Ion:112 Resp: 297394

Ion	Ratio	Lower	Upper
112	100		
64	55.1	43.7	65.5
63	28.1	21.4	32.2



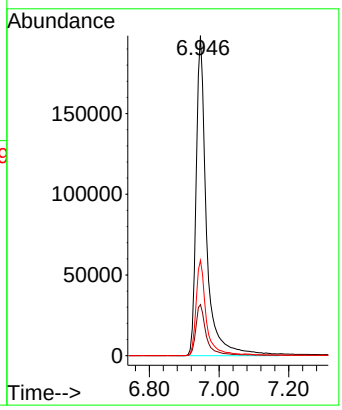


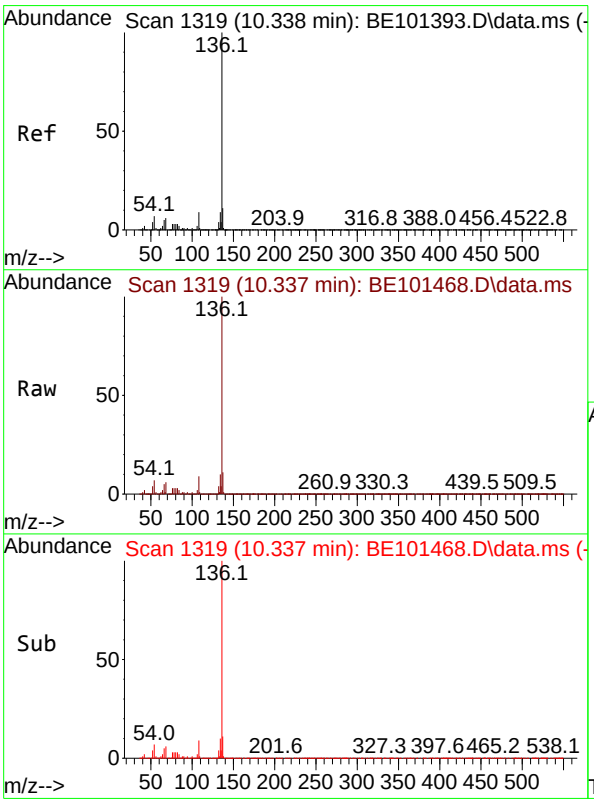
#7
Phenol-d6
Concen: 90.288 ng
RT: 6.946 min Scan# 7
Delta R.T. -0.001 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

Instrument :
BNA_E
ClientSampleId :
BP-F-6

Tgt Ion: 99 Resp: 411740

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.3	18.5
71	29.8	23.8	35.8

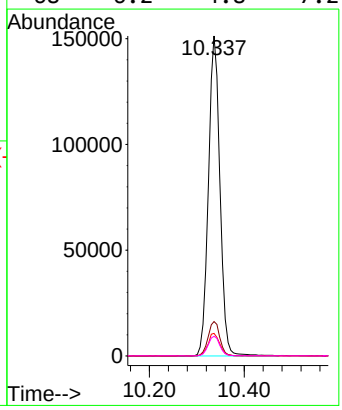


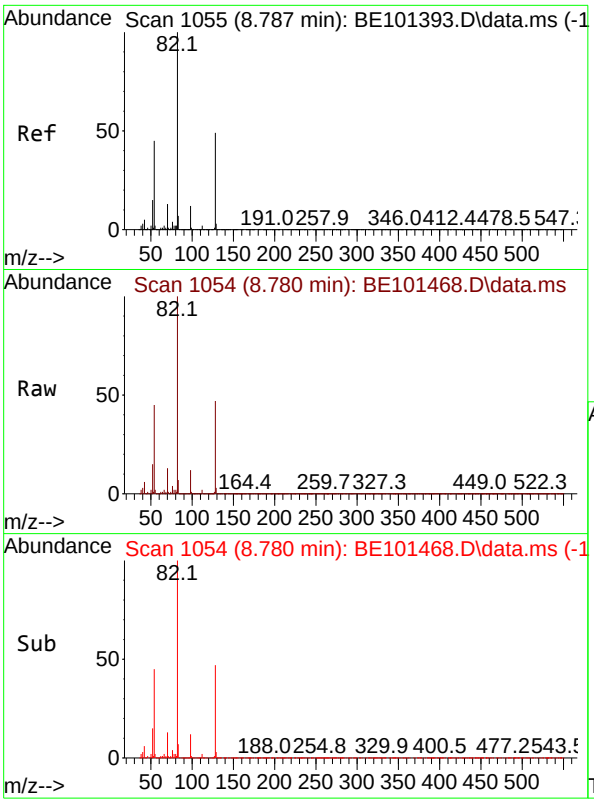


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

Tgt Ion:136 Resp: 255503

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	7.0	5.9	8.9
68	6.2	4.8	7.2



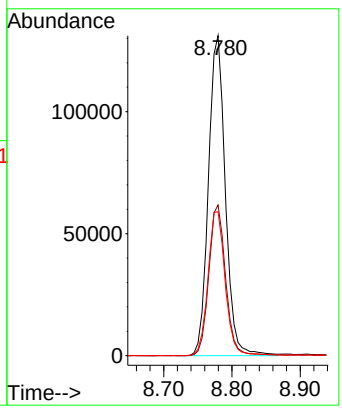


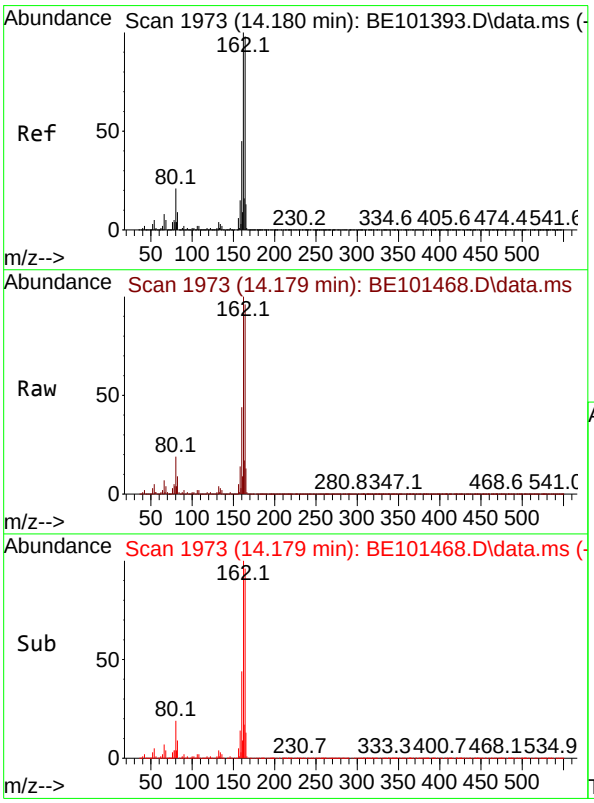
#23
Nitrobenzene-d5
Concen: 55.608 ng
RT: 8.780 min Scan# 1
Delta R.T. -0.007 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

Instrument :
BNA_E
ClientSampleId :
BP-F-6

Tgt Ion: 82 Resp: 226210

Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.9	58.3
54	45.0	36.2	54.4

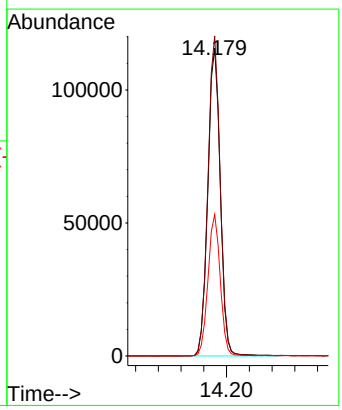


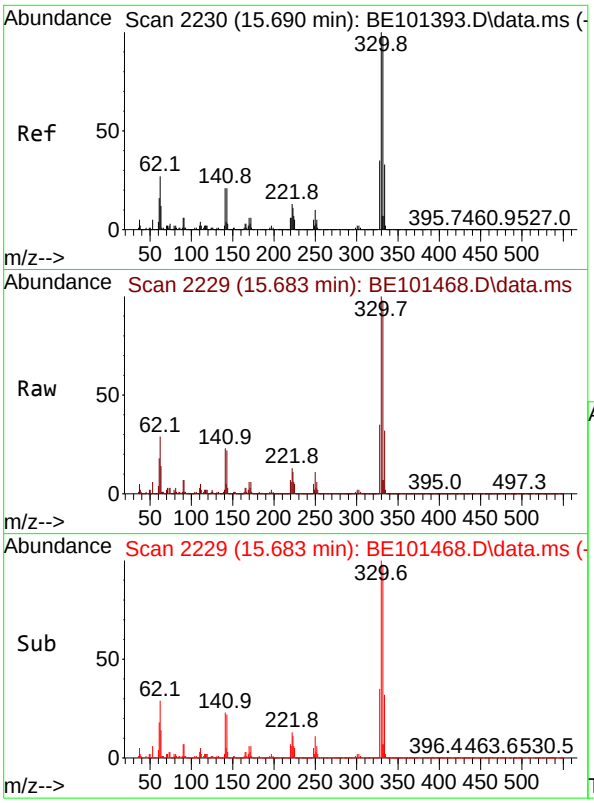


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.179 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

Tgt Ion:164 Resp: 174731

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.3	121.9
160	45.9	36.4	54.6



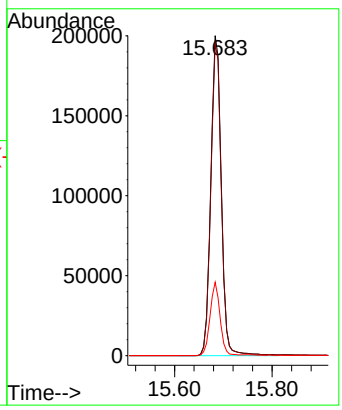


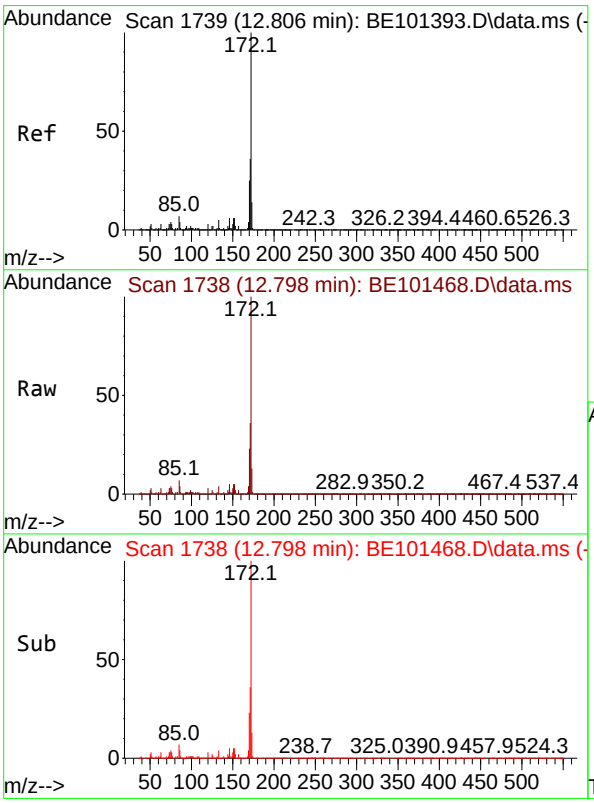
#42
2,4,6-Tribromophenol
Concen: 97.470 ng
RT: 15.683 min Scan# 2
Delta R.T. -0.007 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

Instrument :
BNA_E
ClientSampleId :
BP-F-6

Tgt Ion:330 Resp: 298499

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.2
141	21.8	18.3	27.5

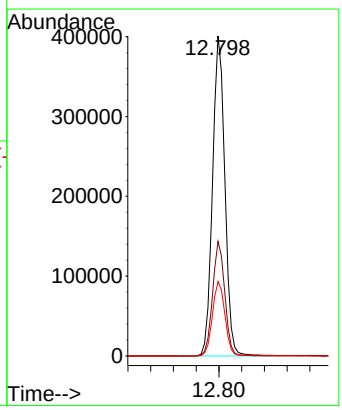


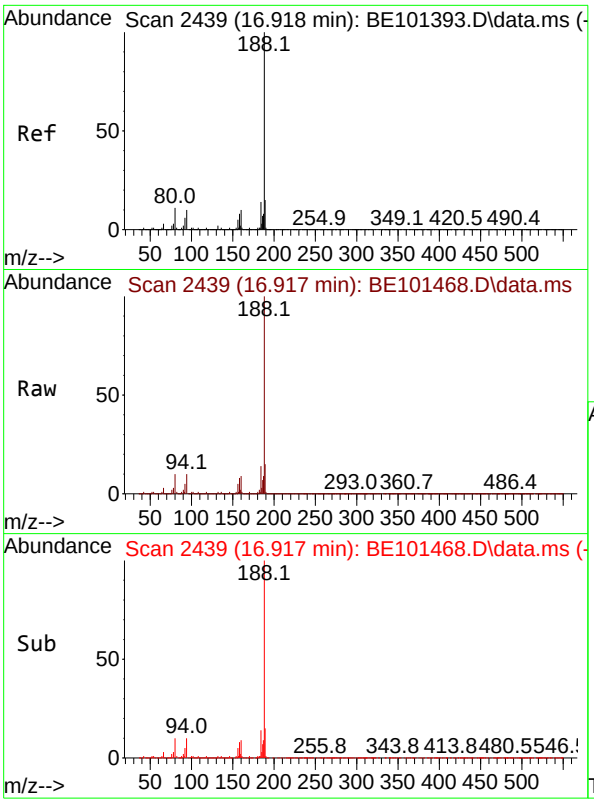


#45
2-Fluorobiphenyl
Concen: 58.250 ng
RT: 12.798 min Scan# 1738
Delta R.T. -0.007 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

Tgt Ion:172 Resp: 600992

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.2	43.8
170	23.3	19.8	29.6



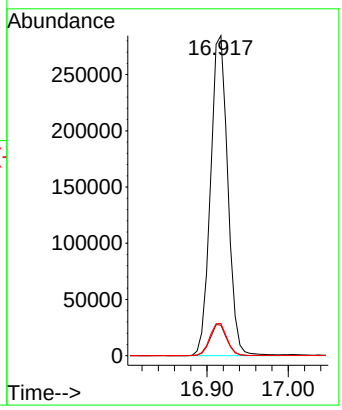


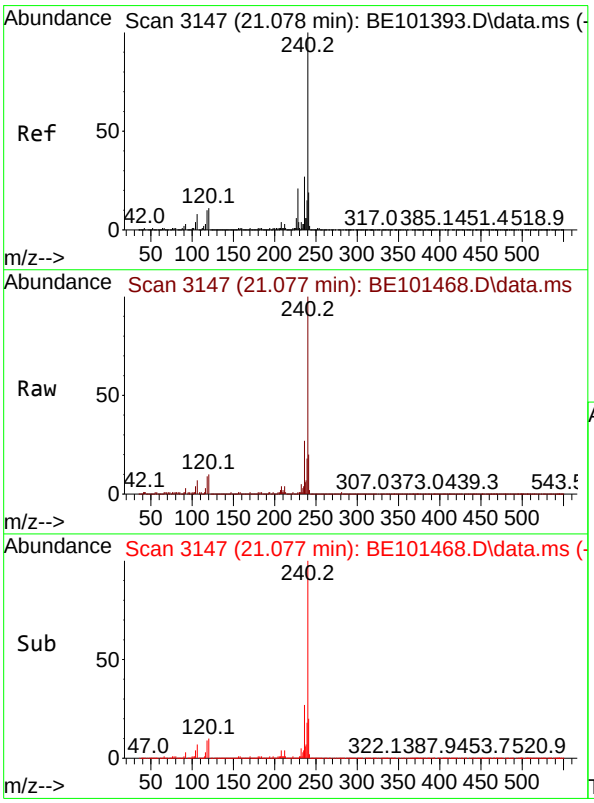
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.917 min Scan# 24
Delta R.T. -0.001 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

Instrument :
BNA_E
ClientSampleId :
BP-F-6

Tgt Ion:188 Resp: 419906

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.8	11.8
80	10.1	8.6	12.8

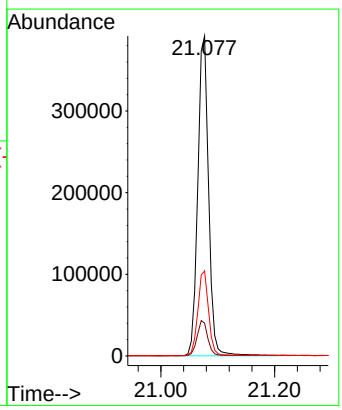


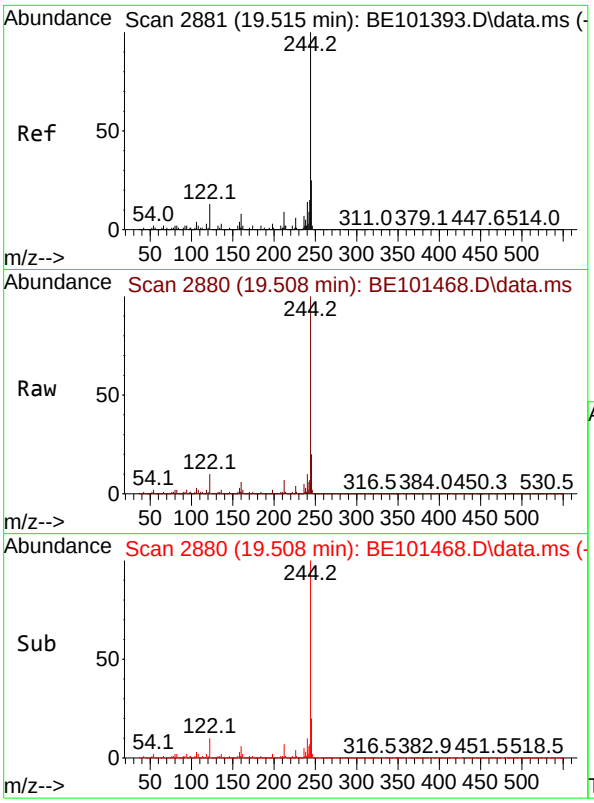


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.077 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

Tgt Ion:240 Resp: 518554

Ion	Ratio	Lower	Upper
240	100		
120	10.3	9.0	13.4
236	26.6	21.4	32.0



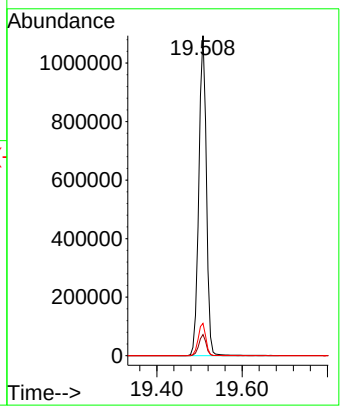


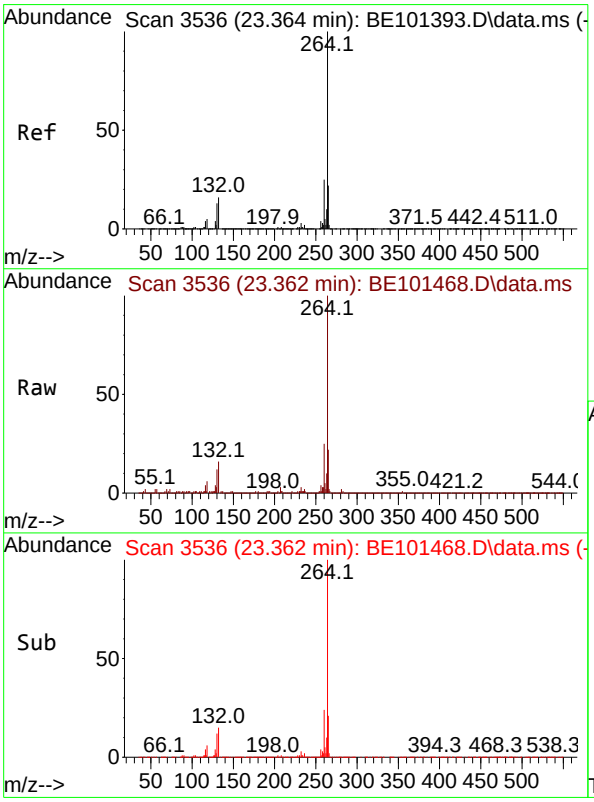
#79
Terphenyl-d14
Concen: 59.540 ng
RT: 19.508 min Scan# 2
Delta R.T. -0.007 min
Lab File: BE101468.D
Acq: 4 Nov 2024 22:49

Instrument :
BNA_E
ClientSampleId :
BP-F-6

Tgt Ion:244 Resp: 1341471

Ion	Ratio	Lower	Upper
244	100		
212	6.6	7.2	10.8#
122	10.1	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: BE101468.D
Acq: 4 Nov 2024 22:49

Tgt Ion:264 Resp: 675111

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.8
265	21.7	17.6	26.4