Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
Data File : BE101484.D
Acq On : 5 Nov 2024 18:04
Operator : RC/JU
Sample : P4643-08
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-F8

Quant Time: Nov 06 00:02:55 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	61668	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	250468	20.000	ng	0.00
39) Acenaphthene-d10	14.179	164	171931	20.000	ng	0.00
64) Phenanthrene-d10	16.917	188	418699	20.000	ng	0.00
76) Chrysene-d12	21.077	240	516544	20.000	ng	0.00
86) Perylene-d12	23.369	264	664745	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.325	112	522813	148.589	ng	0.00
7) Phenol-d6	6.947	99	628717	128.867	ng	0.00
23) Nitrobenzene-d5	8.780	82	379663	95.207	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	477504	158.460	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	929542	91.561	ng	0.00
79) Terphenyl-d14	19.514	244	2293293	102.182	ng	0.00
Target Compounds						Qvalue

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

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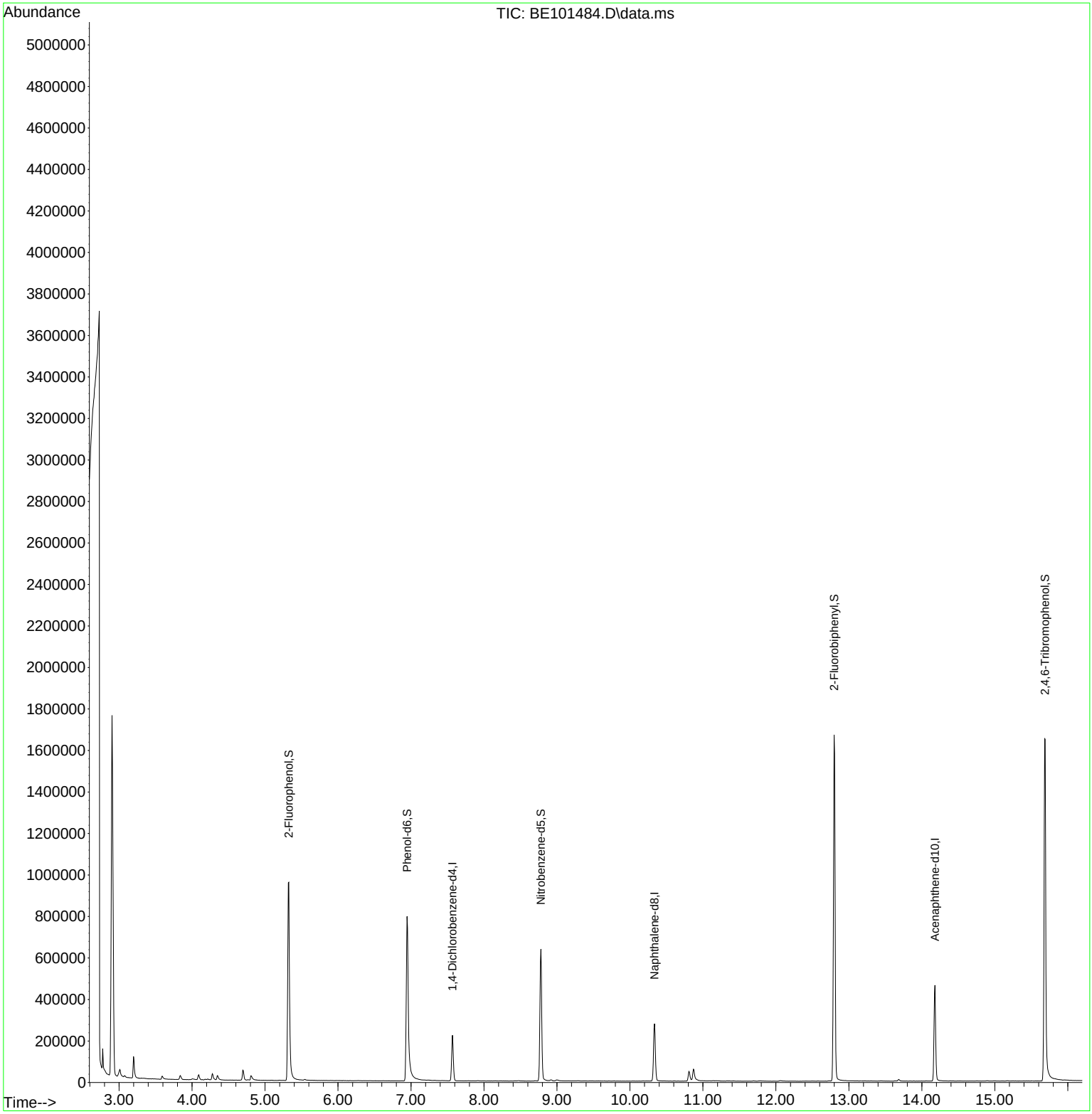

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110524\
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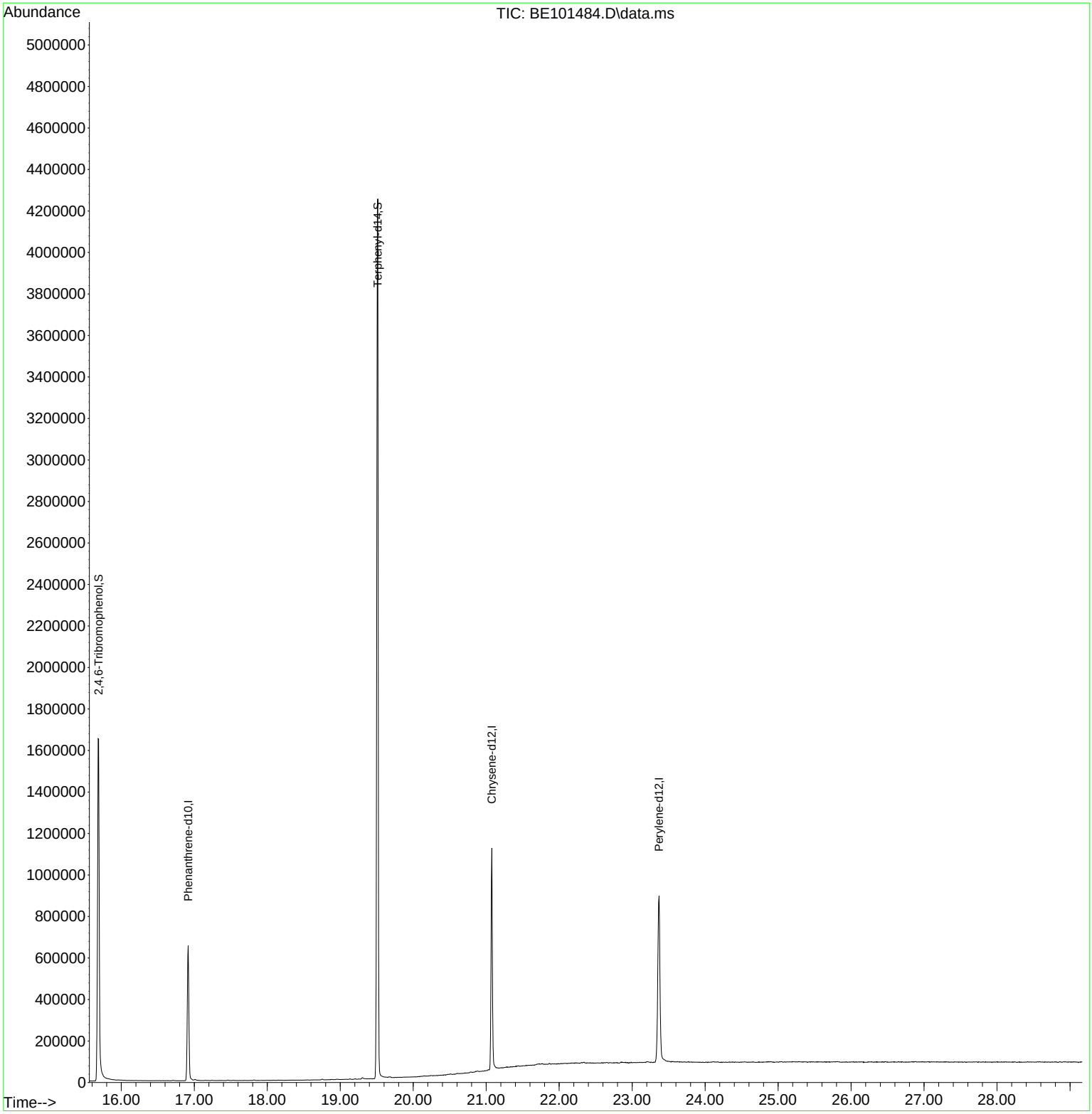
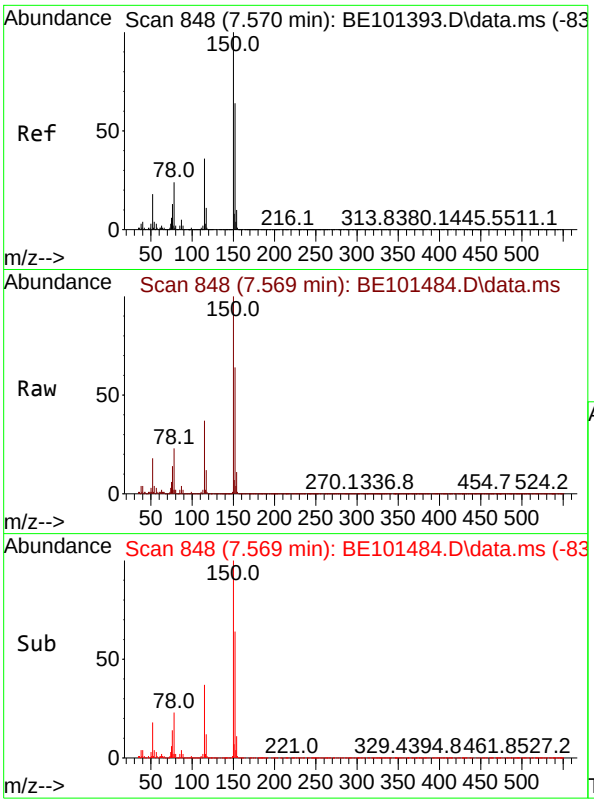


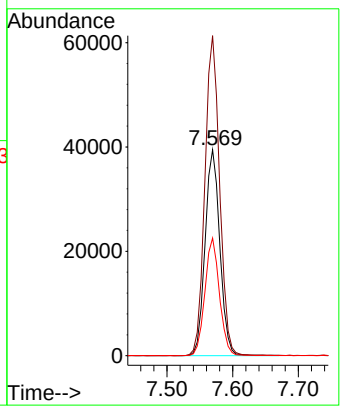


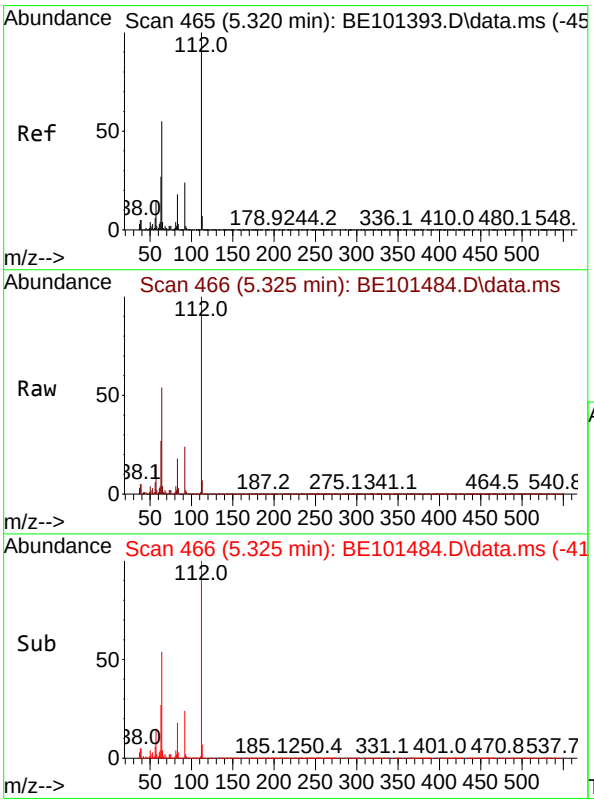
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.569 min Scan# 84
Delta R.T. -0.001 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

Instrument :
BNA_E
ClientSampleId :
BP-F8

Tgt Ion:152 Resp: 61668

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.2	186.4
115	57.1	45.3	67.9

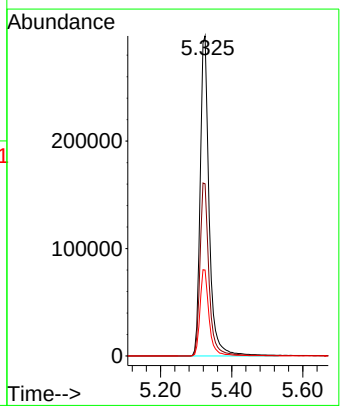


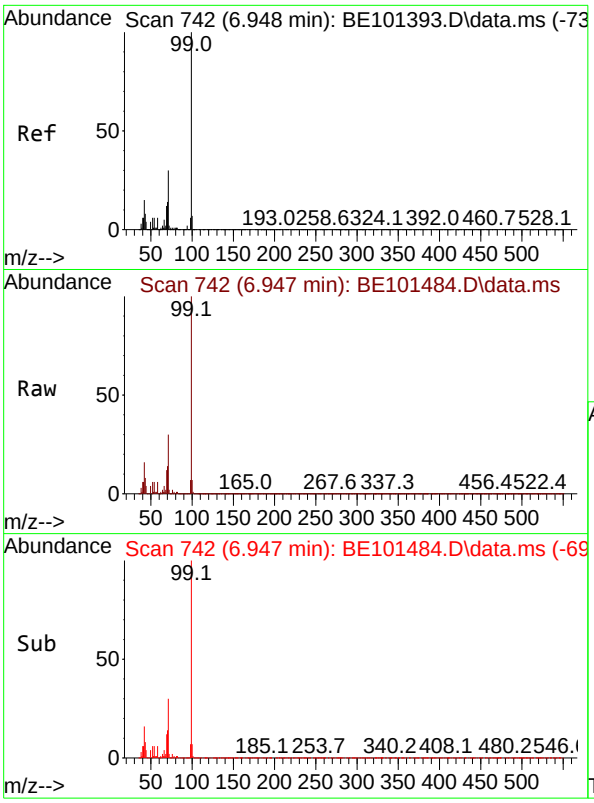


#5
2-Fluorophenol
Concen: 148.589 ng
RT: 5.325 min Scan# 466
Delta R.T. 0.005 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

Tgt Ion:112 Resp: 522813

Ion	Ratio	Lower	Upper
112	100		
64	53.8	43.7	65.5
63	26.9	21.4	32.2



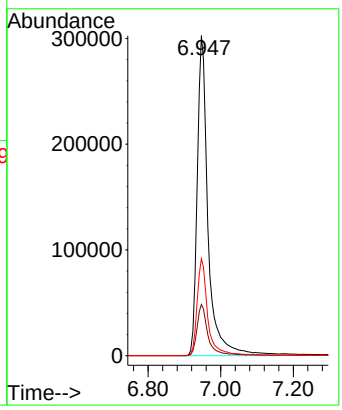


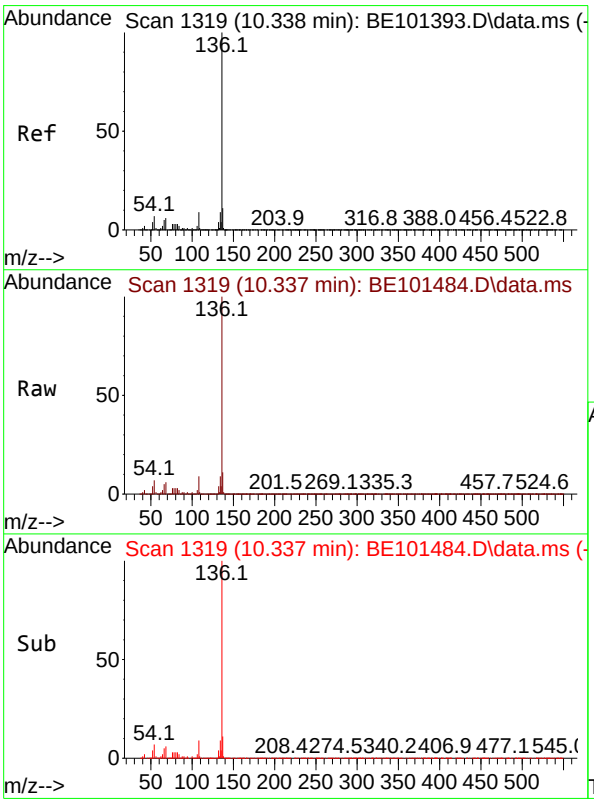
#7
Phenol-d6
Concen: 128.867 ng
RT: 6.947 min Scan# 7
Delta R.T. -0.001 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

Instrument :
BNA_E
ClientSampleId :
BP-F8

Tgt Ion: 99 Resp: 628717

Ion	Ratio	Lower	Upper
99	100		
42	16.0	12.3	18.5
71	30.3	23.8	35.8

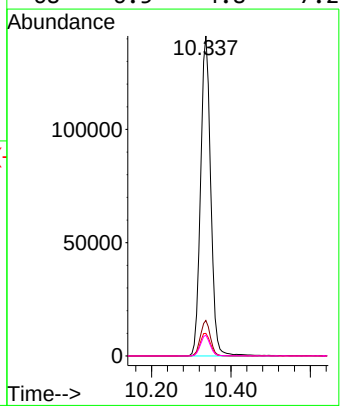


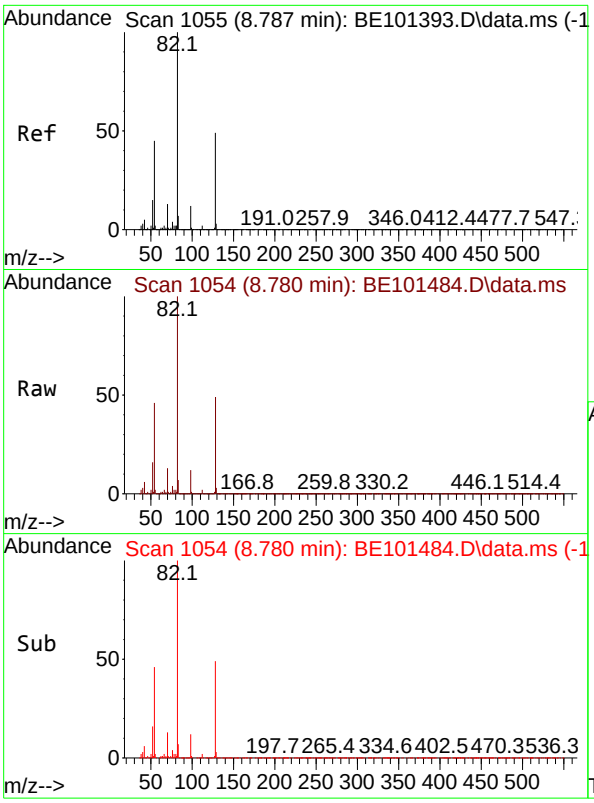


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.001 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

Tgt Ion:136 Resp: 250468

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.6
54	7.1	5.9	8.9
68	6.5	4.8	7.2



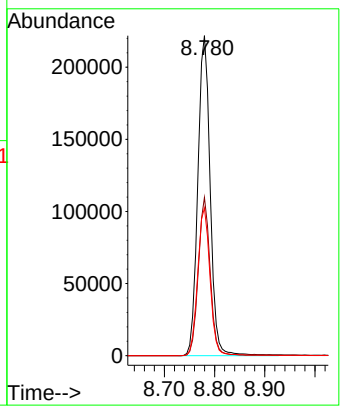


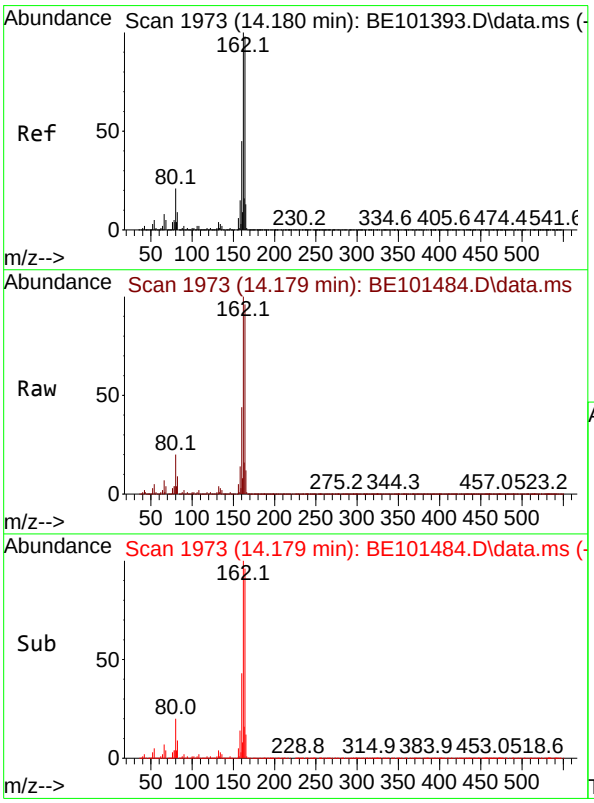
#23
Nitrobenzene-d5
Concen: 95.207 ng
RT: 8.780 min Scan# 1
Delta R.T. -0.007 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

Instrument :
BNA_E
ClientSampleId :
BP-F8

Tgt Ion: 82 Resp: 379663

Ion	Ratio	Lower	Upper
82	100		
128	49.5	38.9	58.3
54	46.2	36.2	54.4

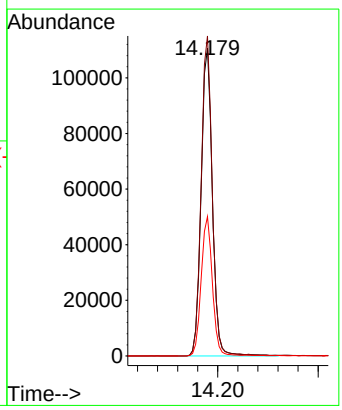


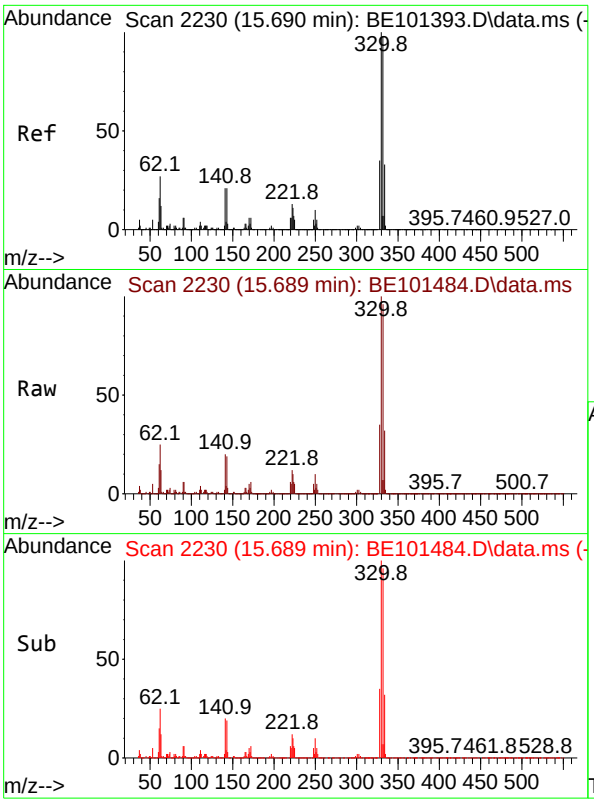


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.179 min Scan# 1973
Delta R.T. -0.001 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

Tgt Ion:164 Resp: 171931

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.3	121.9
160	45.3	36.4	54.6



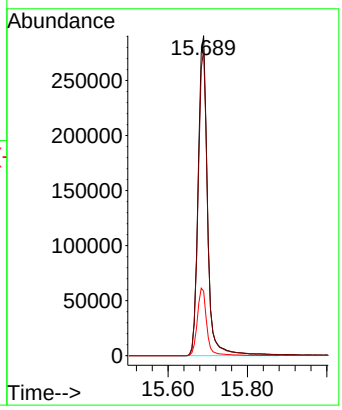


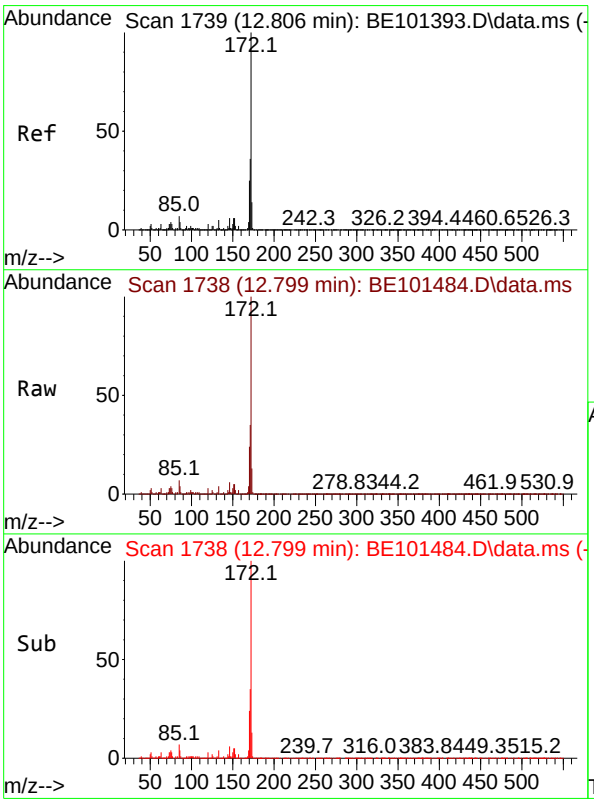
#42
2,4,6-Tribromophenol
Concen: 158.460 ng
RT: 15.689 min Scan# 2
Delta R.T. -0.001 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

Instrument :
BNA_E
ClientSampleId :
BP-F8

Tgt Ion:330 Resp: 477504

Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.2	117.2
141	21.1	18.3	27.5

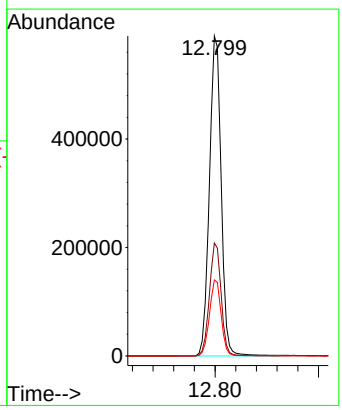


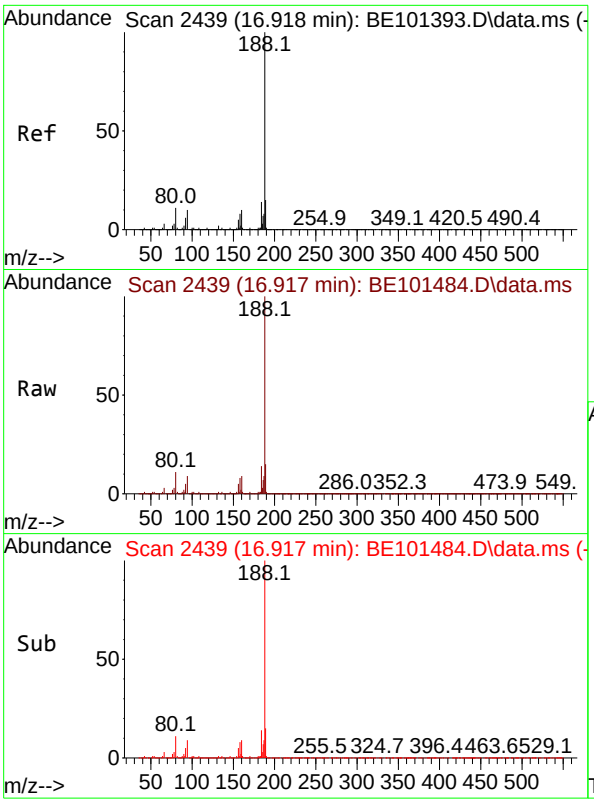


#45
2-Fluorobiphenyl
Concen: 91.561 ng
RT: 12.799 min Scan# 1738
Delta R.T. -0.007 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

Tgt Ion:172 Resp: 929542

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.2	43.8
170	23.7	19.8	29.6



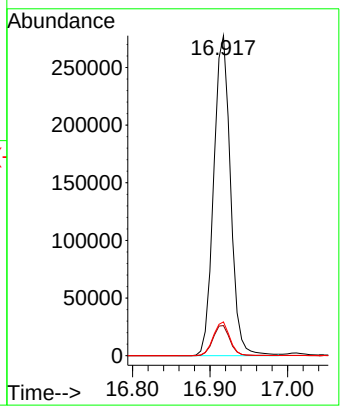


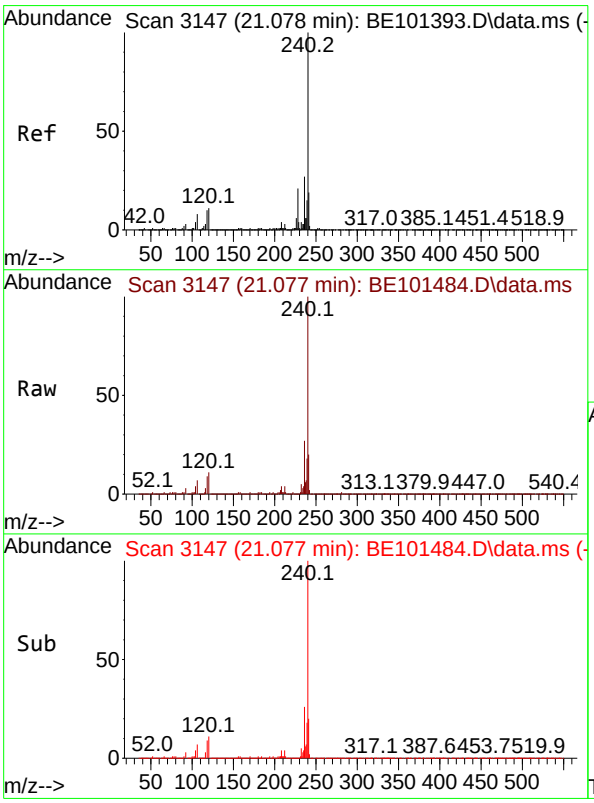
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.917 min Scan# 24
Delta R.T. -0.001 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

Instrument :
BNA_E
ClientSampleId :
BP-F8

Tgt Ion:188 Resp: 418699

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.8	11.8
80	10.5	8.6	12.8

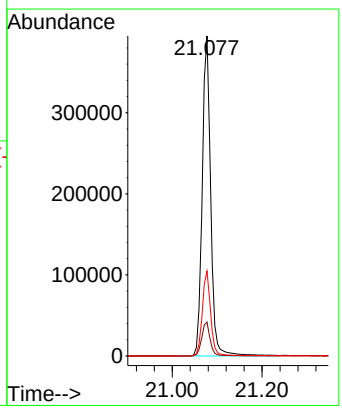


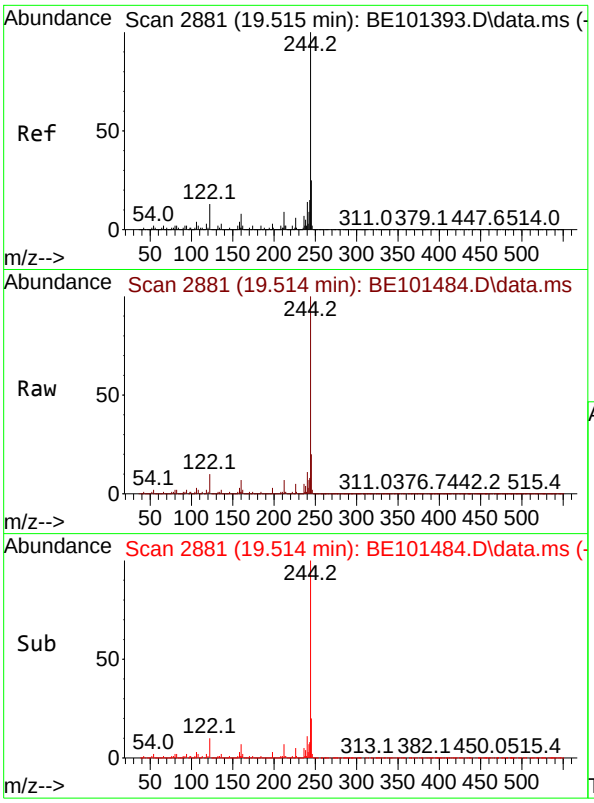


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.077 min Scan# 3147
Delta R.T. -0.001 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

Tgt Ion:240 Resp: 516544

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.4
236	26.5	21.4	32.0



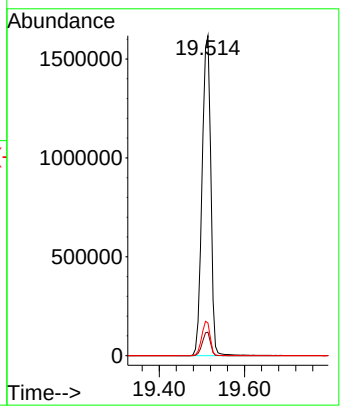


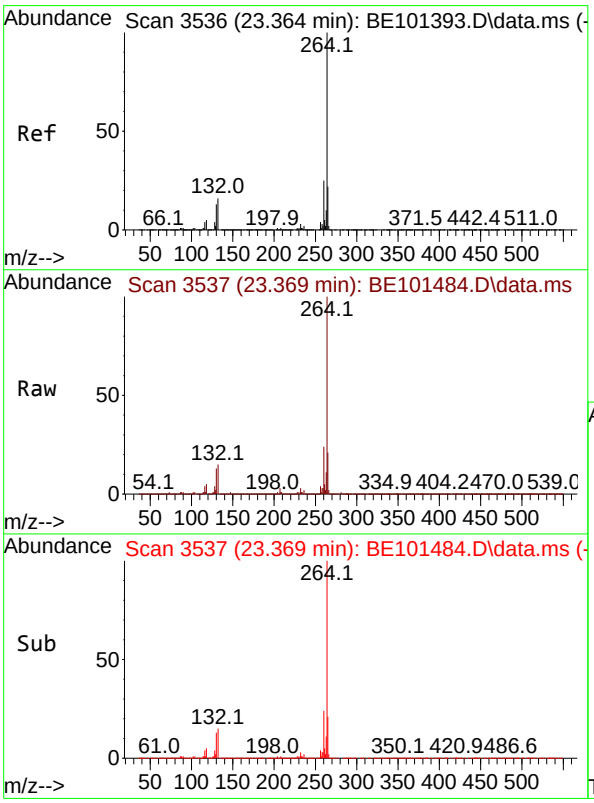
#79
Terphenyl-d14
Concen: 102.182 ng
RT: 19.514 min Scan# 2
Delta R.T. -0.001 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

Instrument :
BNA_E
ClientSampleId :
BP-F8

Tgt Ion:244 Resp: 2293293

Ion	Ratio	Lower	Upper
244	100		
212	7.4	7.2	10.8
122	10.2	10.4	15.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.369 min Scan# 3537
Delta R.T. 0.005 min
Lab File: BE101484.D
Acq: 5 Nov 2024 18:04

Tgt Ion:264 Resp: 664745

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.8	29.8
265	21.5	17.6	26.4