Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110424\
Data File : BE101469.D
Acq On : 4 Nov 2024 23:25
Operator : RC/JU
Sample : P4667-09 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-F-10

Quant Time: Nov 04 23:33:51 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	7.570	152	76504	20.000	ng	0.00
21) Naphthalene-d8	10.337	136	338917	20.000	ng	0.00
39) Acenaphthene-d10	14.180	164	232942	20.000	ng	0.00
64) Phenanthrene-d10	16.918	188	520969	20.000	ng	0.00
76) Chrysene-d12	21.078	240	567116	20.000	ng	0.00
86) Perylene-d12	23.369	264	749621	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	68777	15.756	ng	0.00
7) Phenol-d6	6.947	99	86062	14.219	ng	0.00
23) Nitrobenzene-d5	8.780	82	53308	9.879	ng	0.00
42) 2,4,6-Tribromophenol	15.684	330	62370	15.277	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	153740	11.177	ng	0.00
79) Terphenyl-d14	19.503	244	313022	12.704	ng	-0.01
Target Compounds						Qvalue

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

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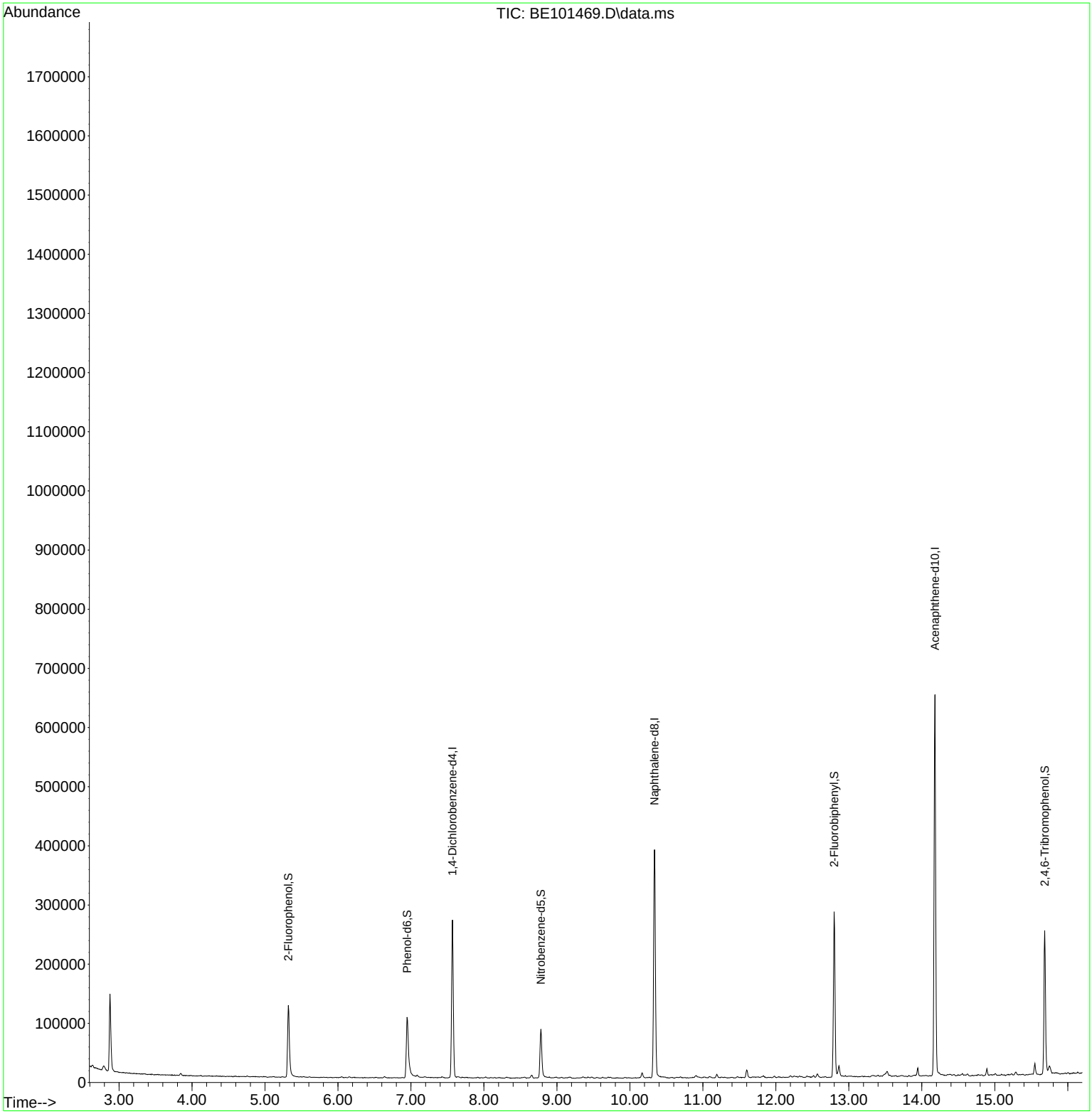

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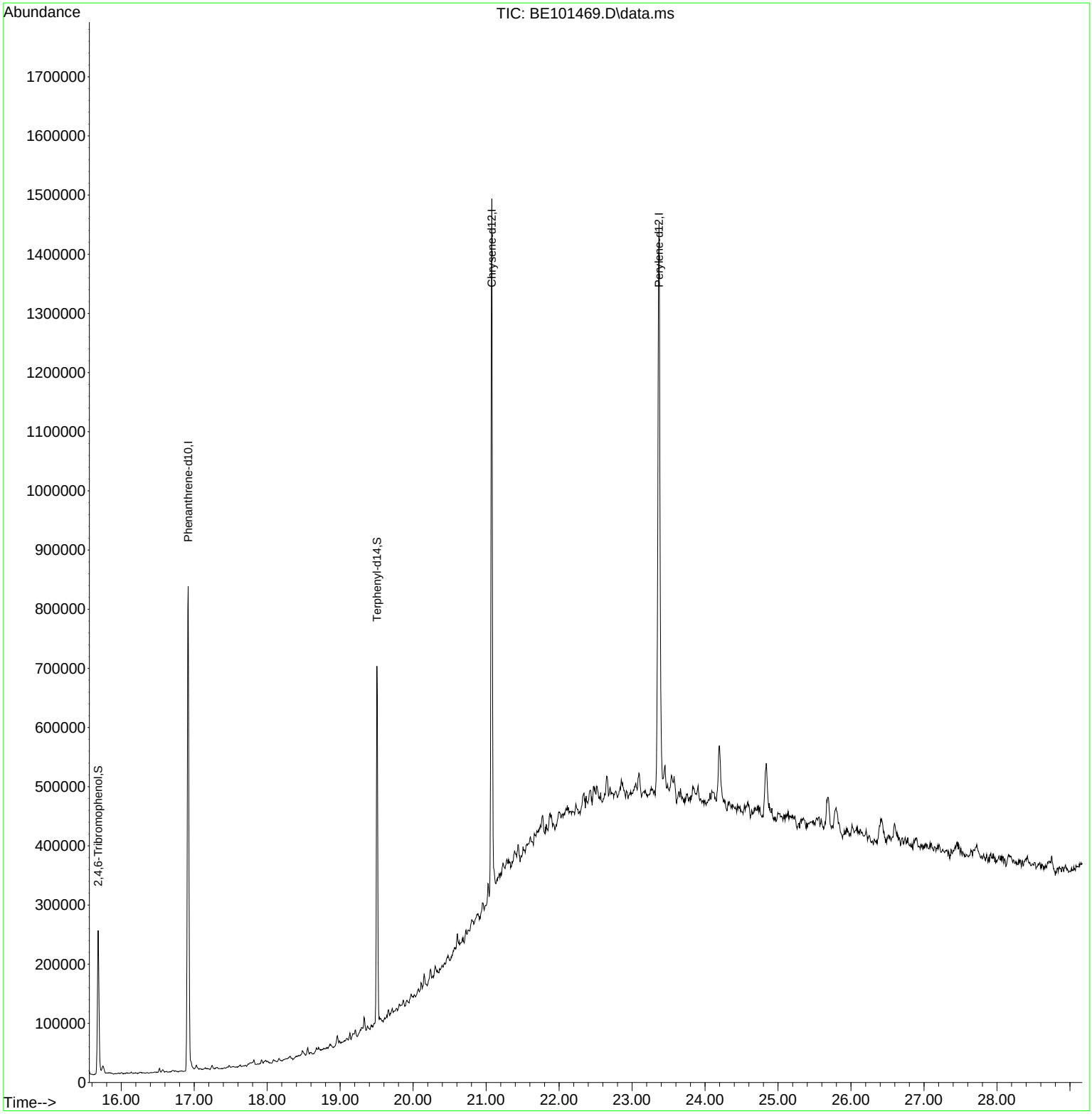
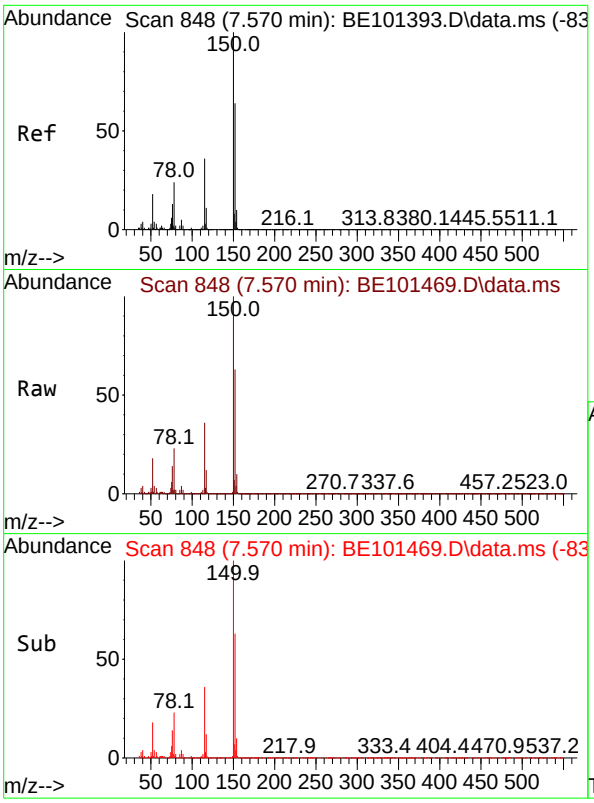


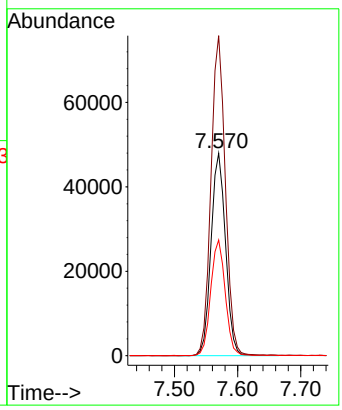


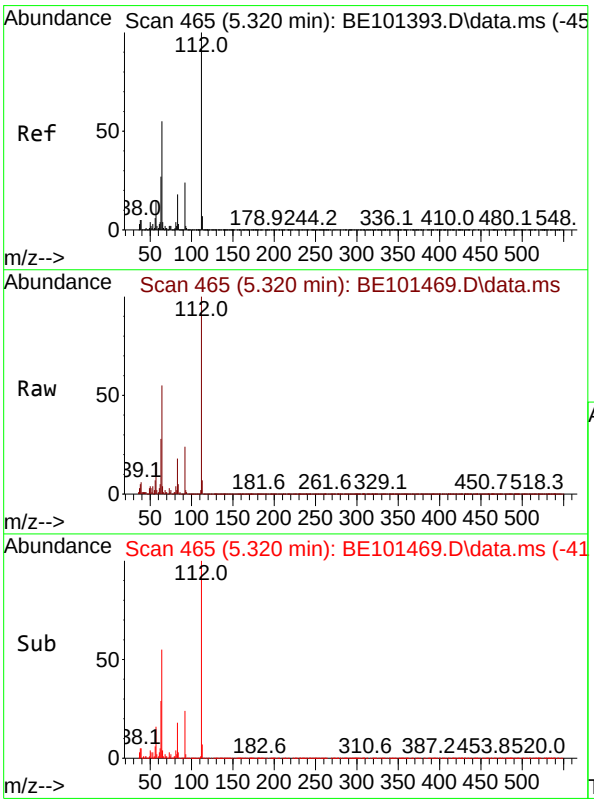
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 84
Delta R.T. 0.000 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

Instrument :
BNA_E
ClientSampleId :
BP-F-10

Tgt Ion:152 Resp: 76504

Ion	Ratio	Lower	Upper
152	100		
150	158.1	124.2	186.4
115	57.2	45.3	67.9

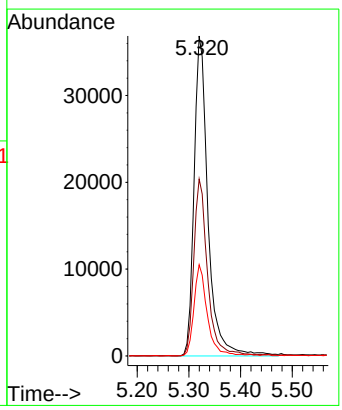


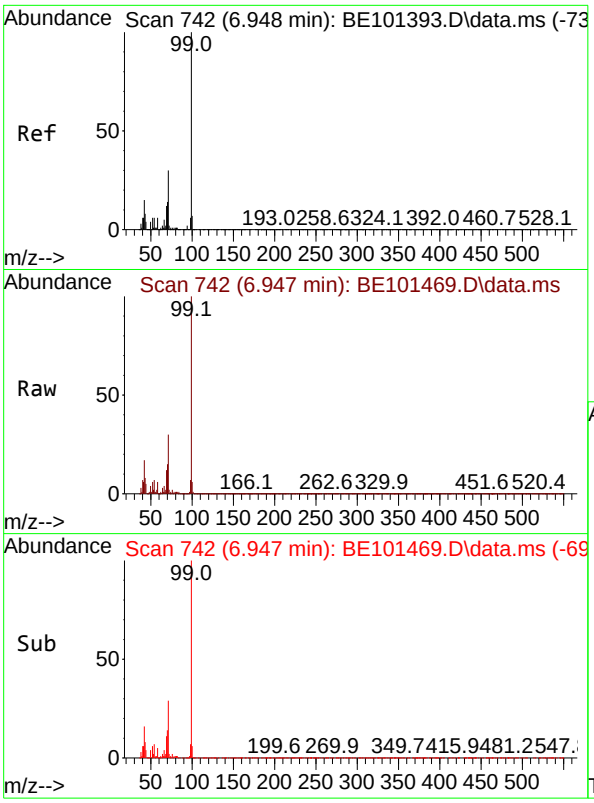


#5
2-Fluorophenol
Concen: 15.756 ng
RT: 5.320 min Scan# 465
Delta R.T. -0.000 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

Tgt Ion:112 Resp: 68777

Ion	Ratio	Lower	Upper
112	100		
64	55.3	43.7	65.5
63	28.5	21.4	32.2



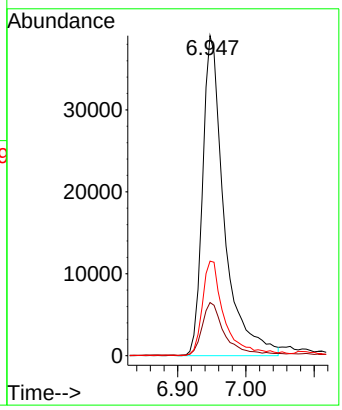


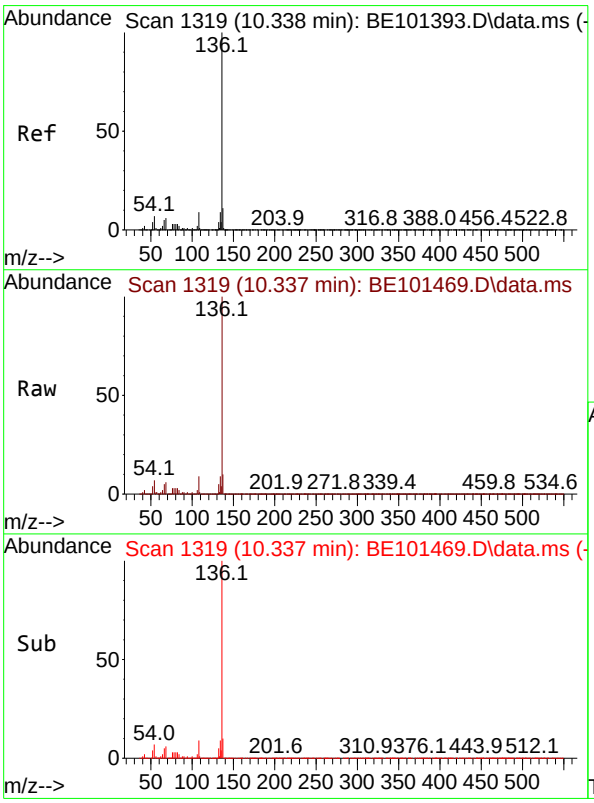
#7
Phenol-d6
Concen: 14.219 ng
RT: 6.947 min Scan# 7
Delta R.T. -0.000 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

Instrument :
BNA_E
ClientSampleId :
BP-F-10

Tgt Ion: 99 Resp: 86062

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.3	18.5
71	29.6	23.8	35.8

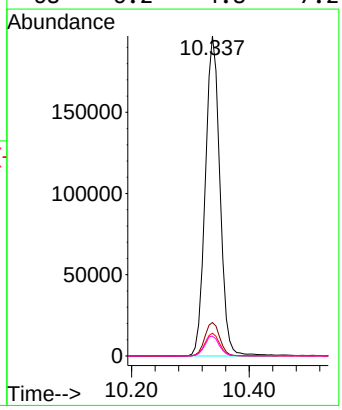


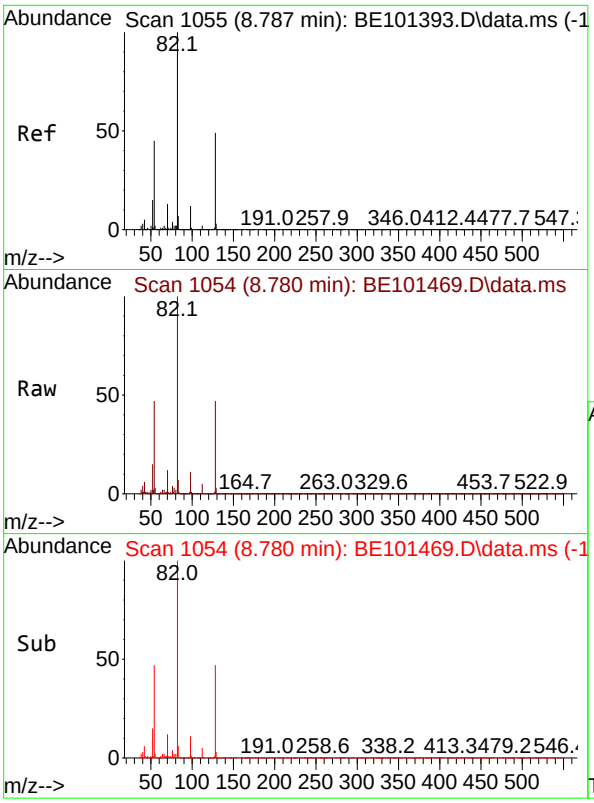


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.337 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

Tgt Ion:136 Resp: 338917

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.0	13.6
54	7.1	5.9	8.9
68	6.2	4.8	7.2



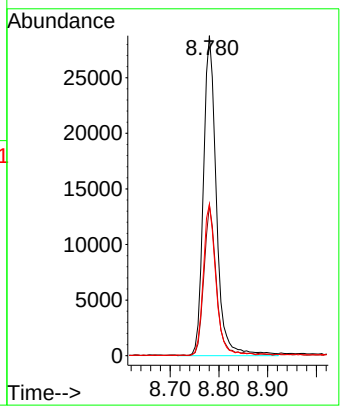


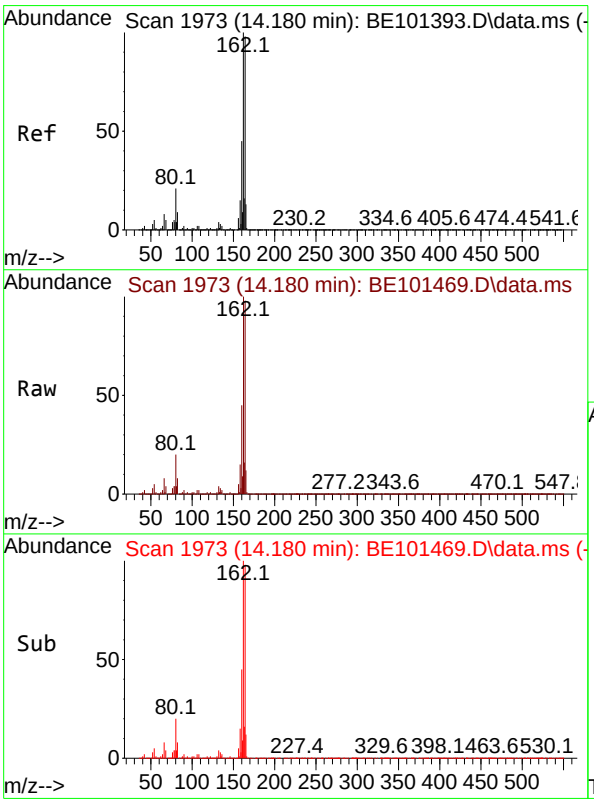
#23
Nitrobenzene-d5
Concen: 9.879 ng
RT: 8.780 min Scan# 1
Delta R.T. -0.006 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

Instrument :
BNA_E
ClientSampleId :
BP-F-10

Tgt Ion: 82 Resp: 53308

Ion	Ratio	Lower	Upper
82	100		
128	47.1	38.9	58.3
54	47.3	36.2	54.4

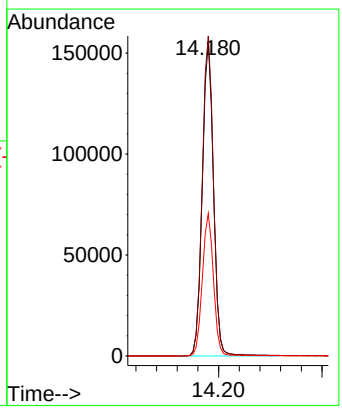


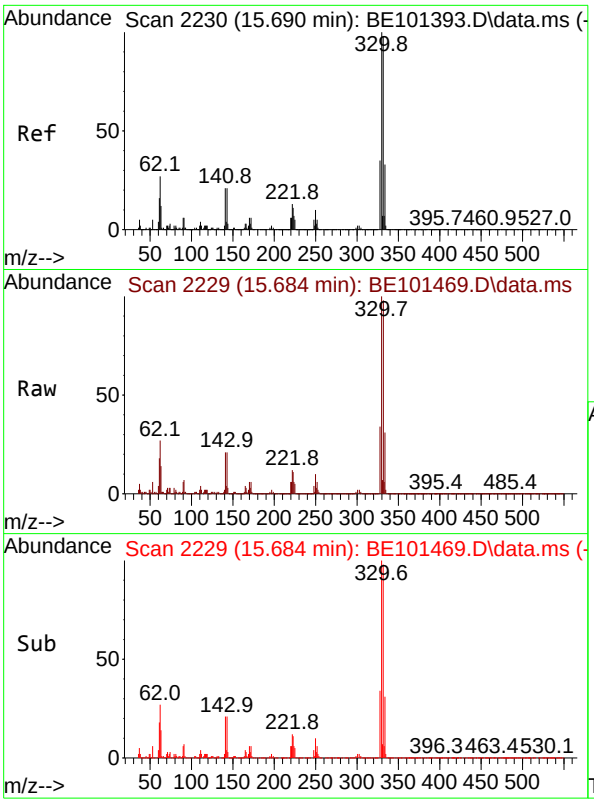


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.180 min Scan# 1973
Delta R.T. -0.000 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

Tgt Ion:164 Resp: 232942

Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.3	121.9
160	45.4	36.4	54.6



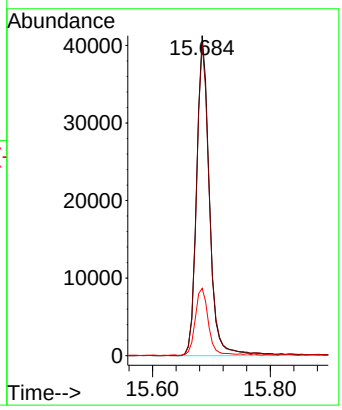


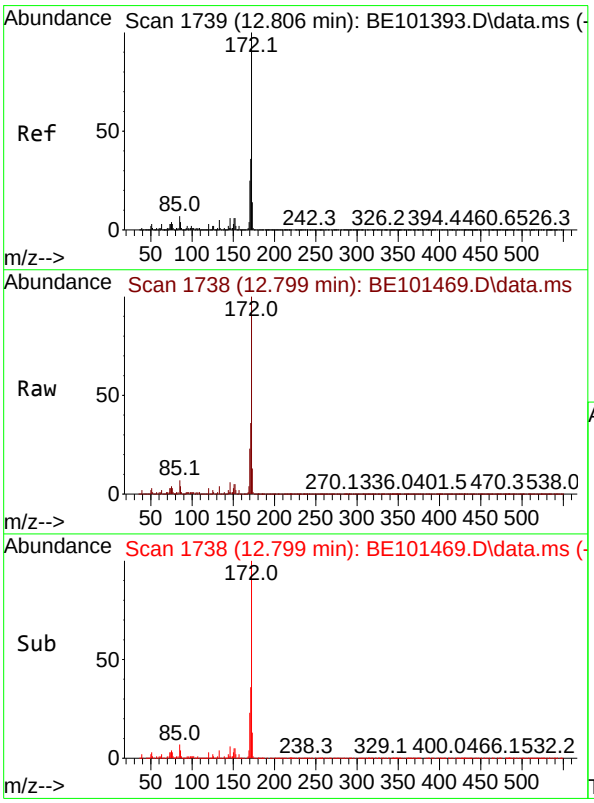
#42
2,4,6-Tribromophenol
Concen: 15.277 ng
RT: 15.684 min Scan# 2
Delta R.T. -0.006 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

Instrument :
BNA_E
ClientSampleId :
BP-F-10

Tgt Ion:330 Resp: 62370

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.2
141	21.2	18.3	27.5

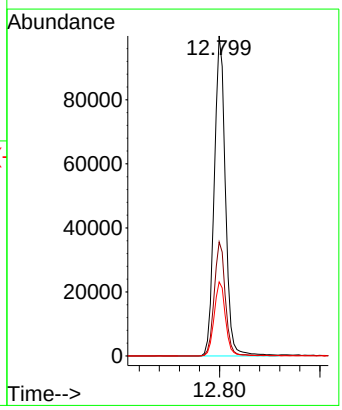


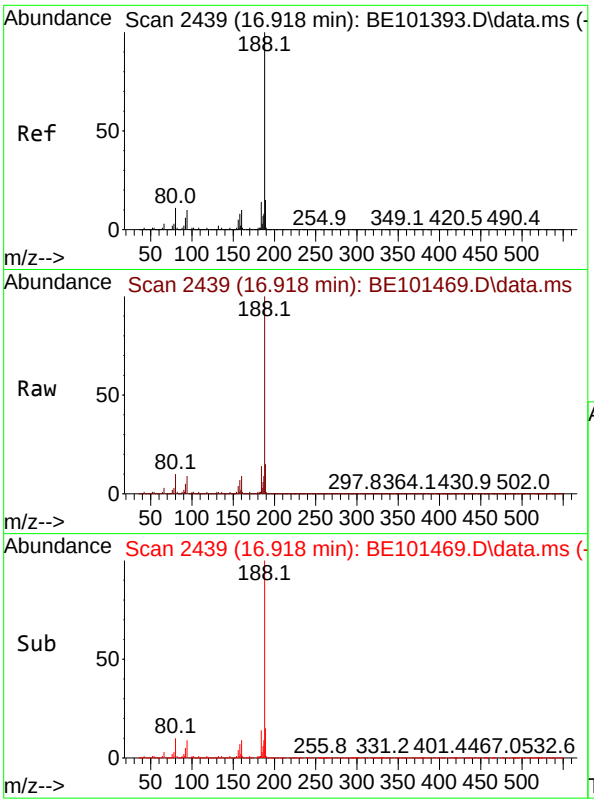


#45
2-Fluorobiphenyl
Concen: 11.177 ng
RT: 12.799 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

Tgt Ion:172 Resp: 153740

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.2	43.8
170	23.2	19.8	29.6



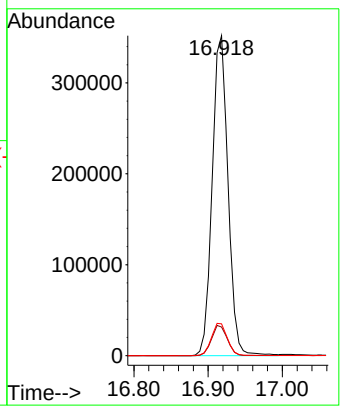


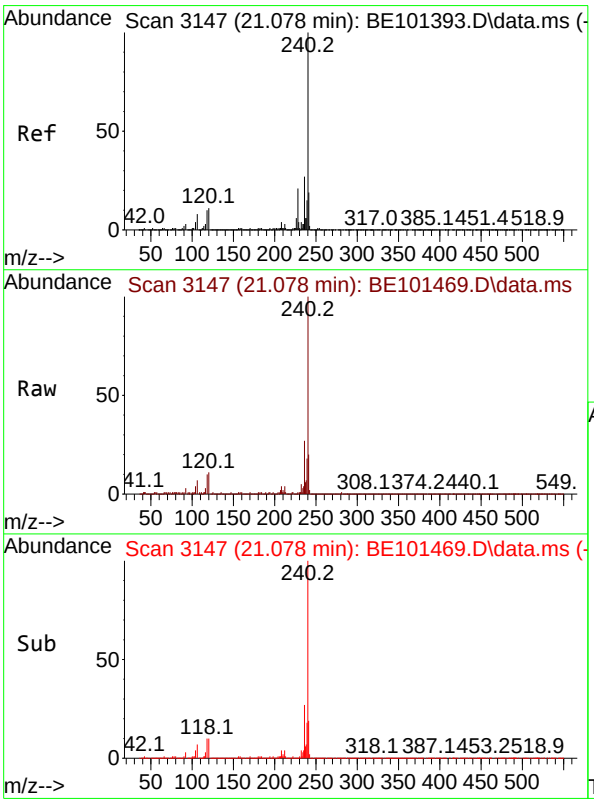
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.918 min Scan# 24
Delta R.T. -0.000 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

Instrument :
BNA_E
ClientSampleId :
BP-F-10

Tgt Ion:188 Resp: 520969

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.8	11.8
80	9.9	8.6	12.8

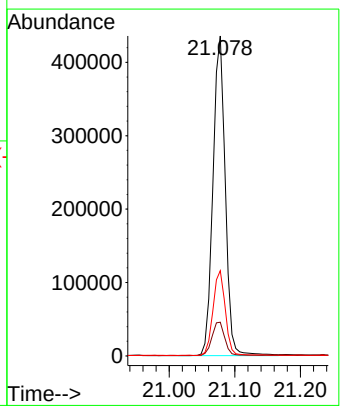


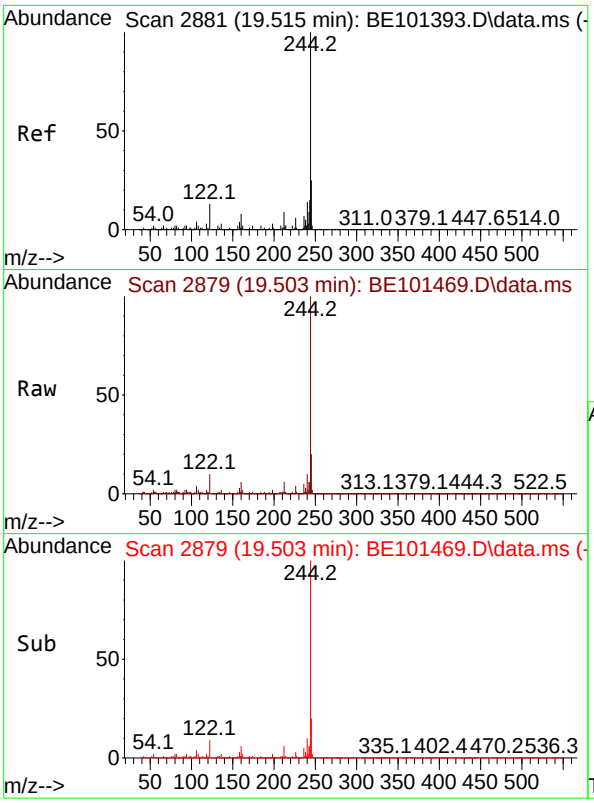


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.078 min Scan# 3147
Delta R.T. -0.000 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

Tgt Ion:240 Resp: 567116

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.0	13.4
236	26.6	21.4	32.0



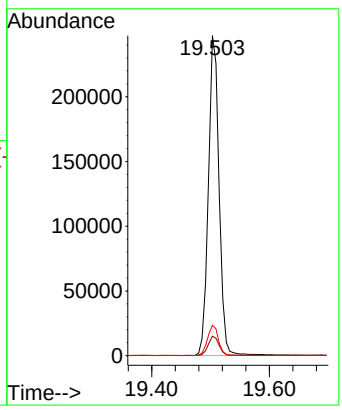


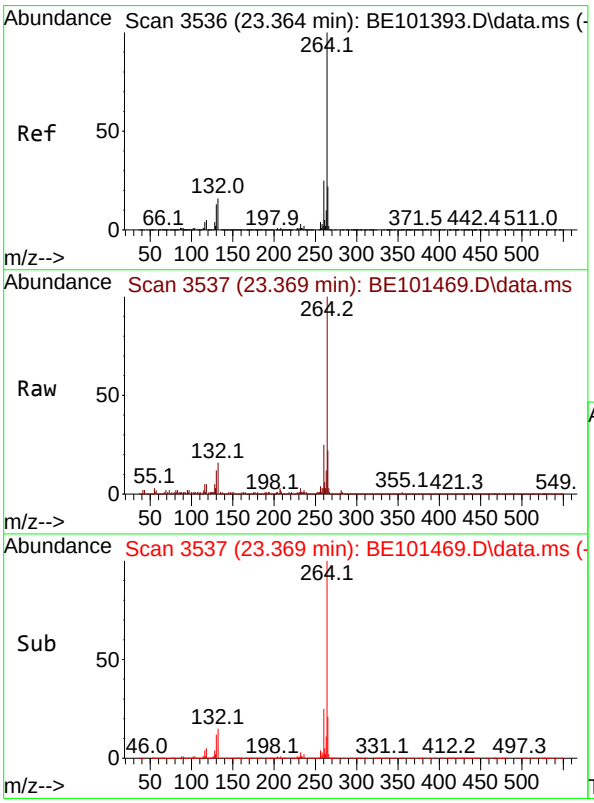
#79
Terphenyl-d14
Concen: 12.704 ng
RT: 19.503 min Scan# 2
Delta R.T. -0.012 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

Instrument :
BNA_E
ClientSampleId :
BP-F-10

Tgt Ion:244 Resp: 313022

Ion	Ratio	Lower	Upper
244	100		
212	6.1	7.2	10.8#
122	9.5	10.4	15.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.369 min Scan# 3537
Delta R.T. 0.006 min
Lab File: BE101469.D
Acq: 4 Nov 2024 23:25

Tgt Ion:264 Resp: 749621

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.8
265	21.9	17.6	26.4