Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110724\
Data File : BE101536.D
Acq On : 7 Nov 2024 18:03
Operator : RC/JU
Sample : P4693-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-G5-WC

Quant Time: Nov 07 23:57:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE110624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 00:01:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	49732	20.000	ng	0.00
21) Naphthalene-d8	10.328	136	218721	20.000	ng	0.00
39) Acenaphthene-d10	14.170	164	146602	20.000	ng	0.00
64) Phenanthrene-d10	16.908	188	332636	20.000	ng	0.00
76) Chrysene-d12	21.068	240	381237	20.000	ng	0.00
86) Perylene-d12	23.353	264	492462	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	500458	177.933	ng	0.00
7) Phenol-d6	6.943	99	614313	159.301	ng	0.00
23) Nitrobenzene-d5	8.771	82	404613	116.849	ng	0.00
42) 2,4,6-Tribromophenol	15.680	330	479103	173.676	ng	0.00
45) 2-Fluorobiphenyl	12.795	172	1013496	112.880	ng	0.00
79) Terphenyl-d14	19.505	244	2160182	125.426	ng	0.00
Target Compounds						Qvalue

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

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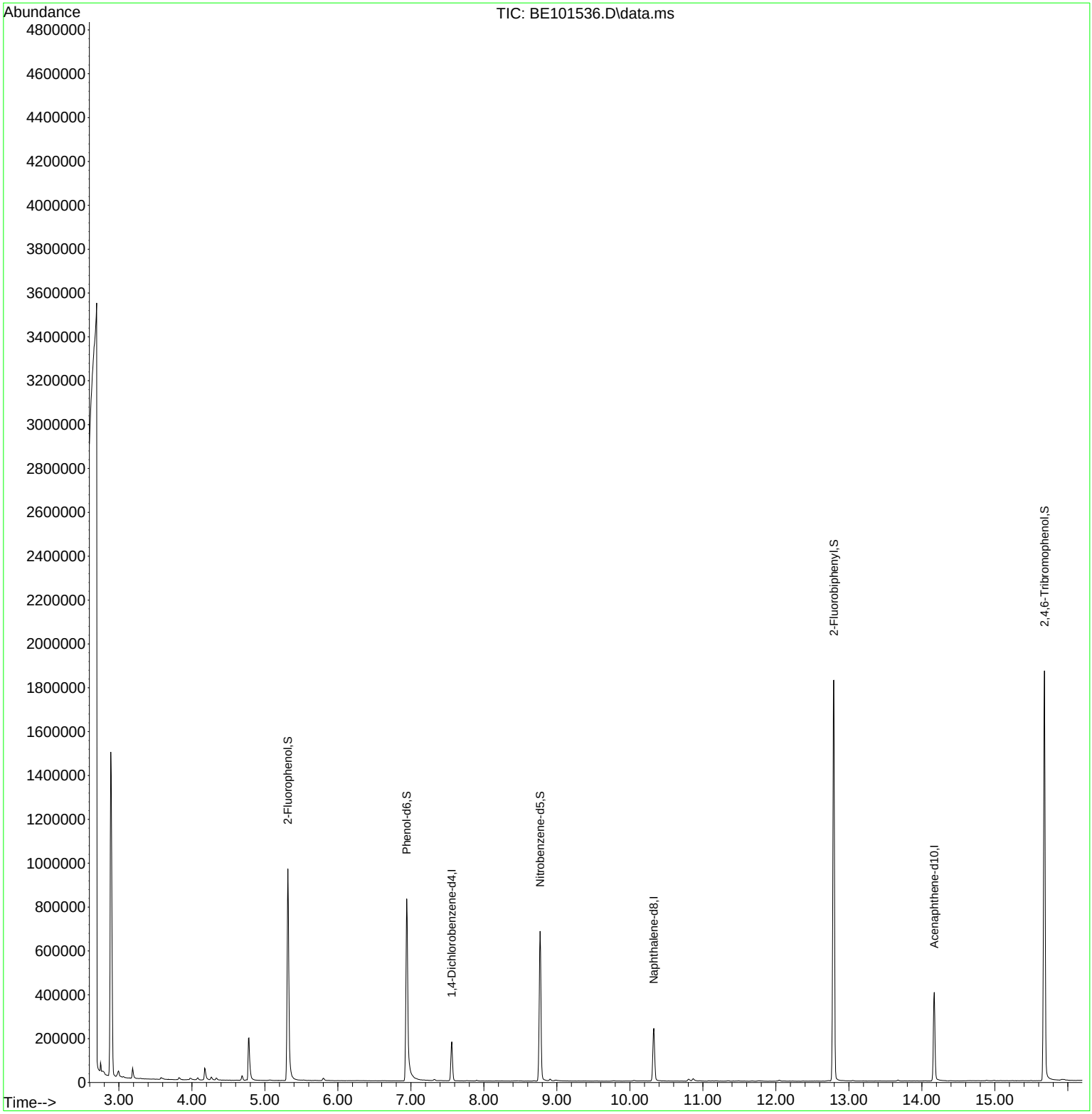

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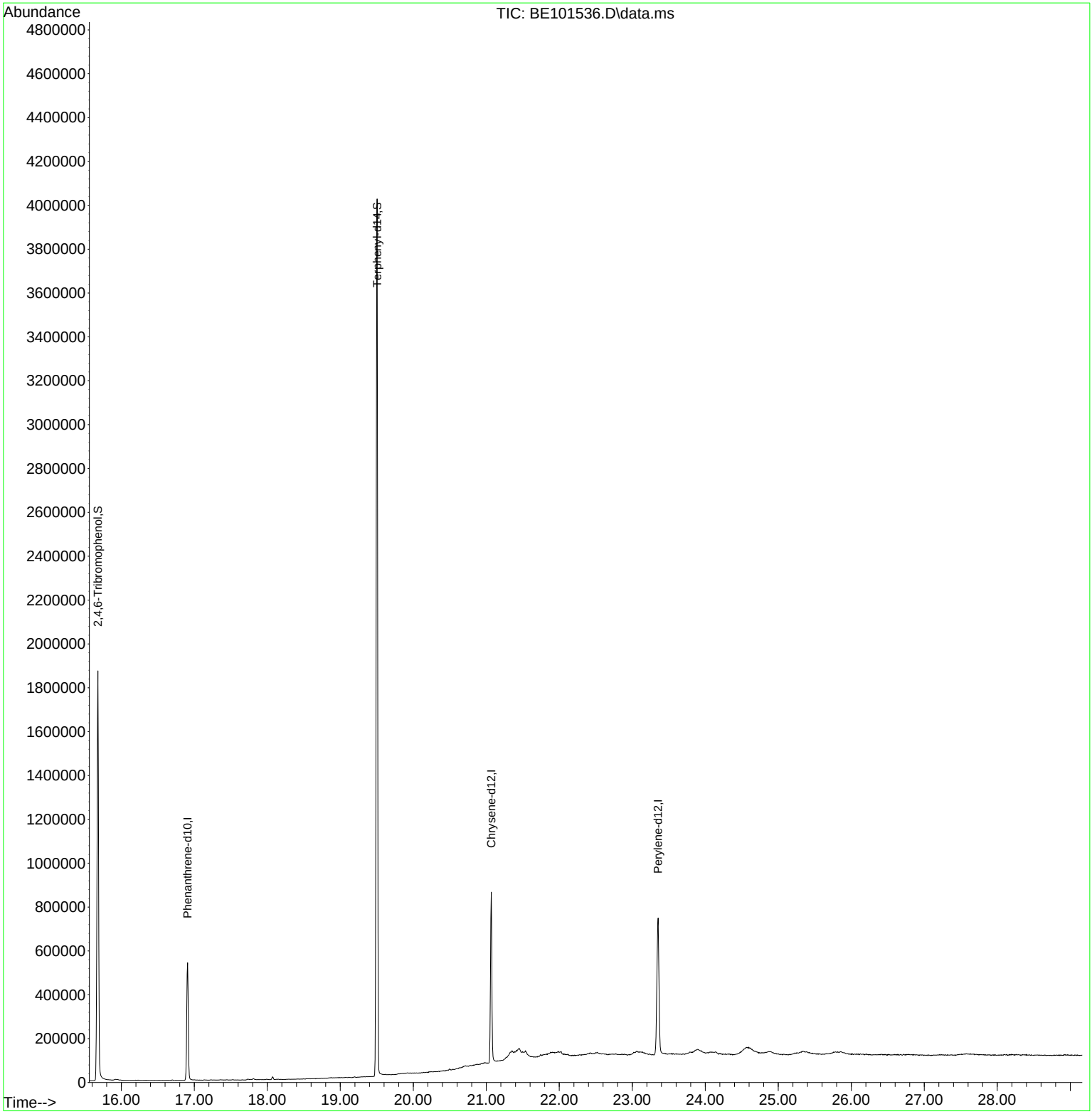
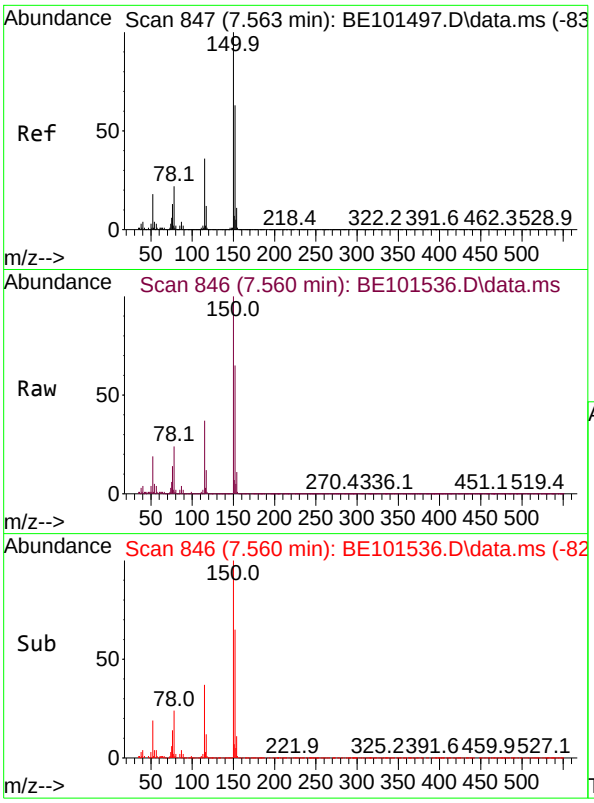


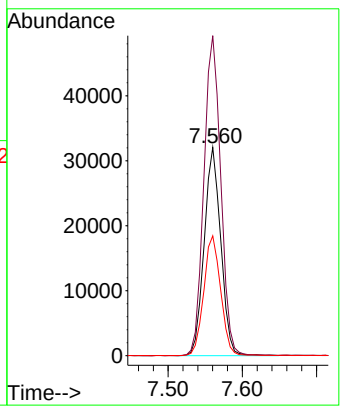


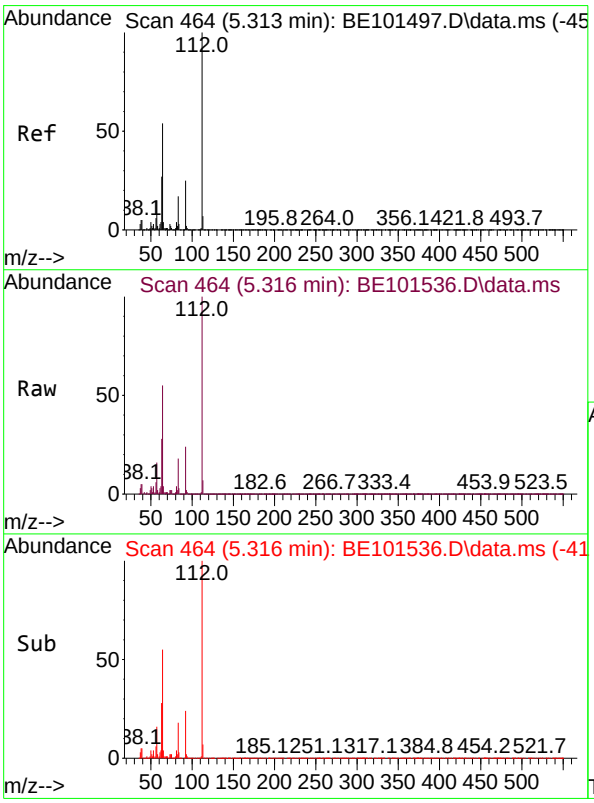
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.560 min Scan# 84
Delta R.T. -0.003 min
Lab File: BE101536.D
Acq: 7 Nov 2024 18:03

Instrument :
BNA_E
ClientSampleId :
BP-G5-WC

Tgt Ion:152 Resp: 49732

Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.3	189.5
115	57.5	45.0	67.4

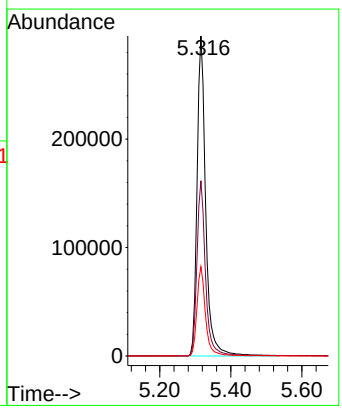


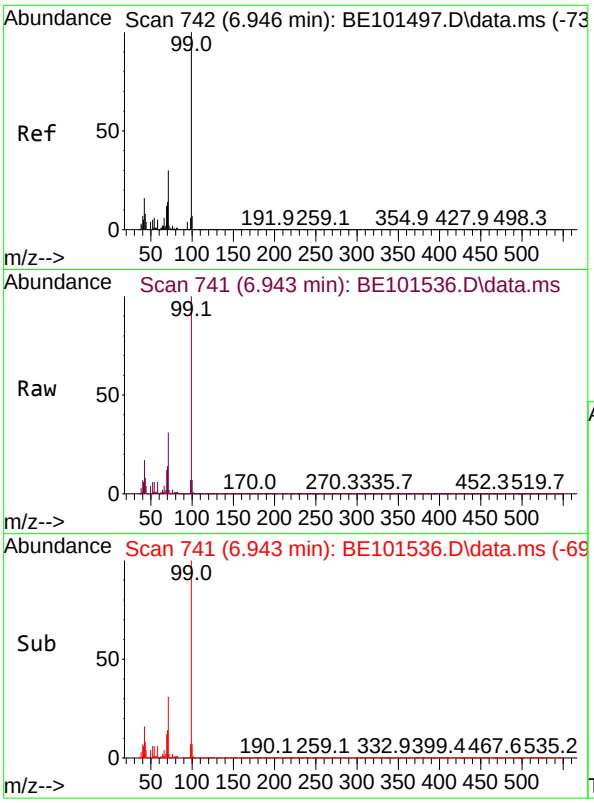


#5
2-Fluorophenol
Concen: 177.933 ng
RT: 5.316 min Scan# 464
Delta R.T. 0.003 min
Lab File: BE101536.D
Acq: 7 Nov 2024 18:03

Tgt Ion:112 Resp: 500458

Ion	Ratio	Lower	Upper
112	100		
64	54.8	43.2	64.8
63	27.9	21.8	32.6



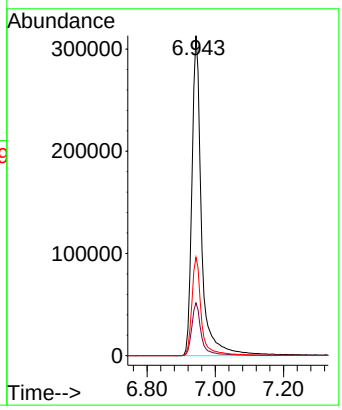


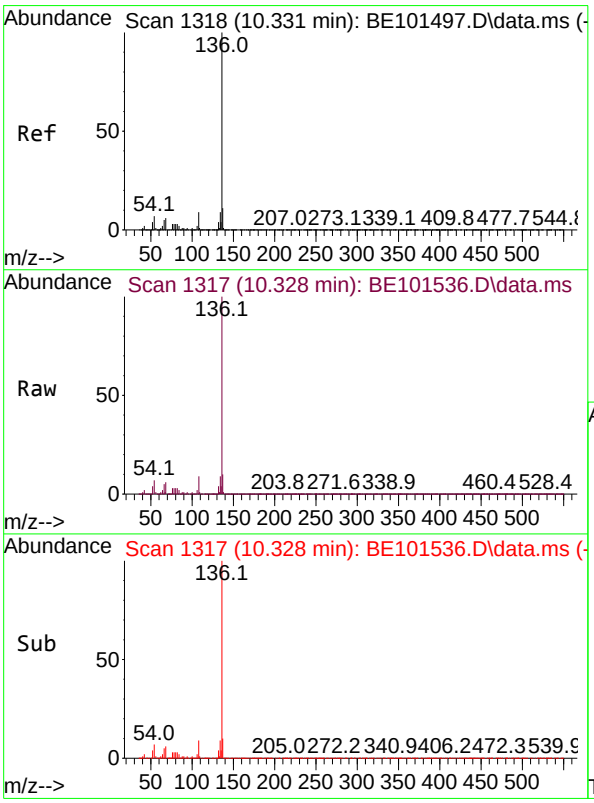
#7
Phenol-d6
Concen: 159.301 ng
RT: 6.943 min Scan# 7
Delta R.T. -0.003 min
Lab File: BE101536.D
Acq: 7 Nov 2024 18:03

Instrument :
BNA_E
ClientSampleId :
BP-G5-WC

Tgt Ion: 99 Resp: 614313

Ion	Ratio	Lower	Upper
99	100		
42	16.5	12.5	18.7
71	30.8	24.2	36.2

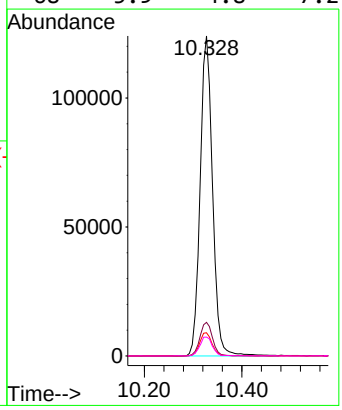


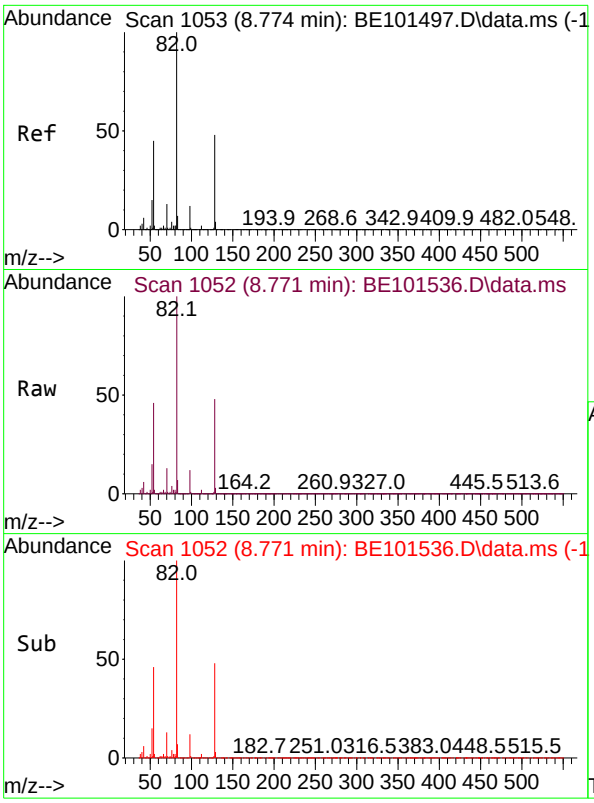


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.328 min Scan# 1317
Delta R.T. -0.003 min
Lab File: BE101536.D
Acq: 7 Nov 2024 18:03

Tgt Ion:136 Resp: 218721

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.3	5.6	8.4
68	5.9	4.8	7.2



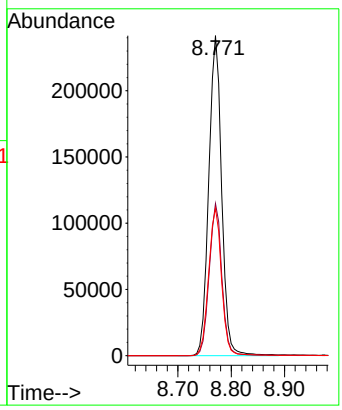


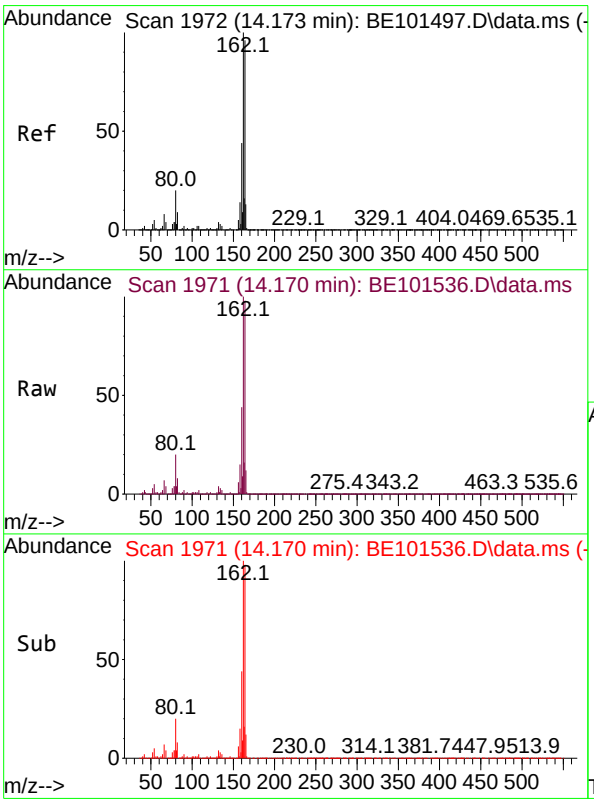
#23
Nitrobenzene-d5
Concen: 116.849 ng
RT: 8.771 min Scan# 1
Delta R.T. -0.003 min
Lab File: BE101536.D
Acq: 7 Nov 2024 18:03

Instrument :
BNA_E
ClientSampleId :
BP-G5-WC

Tgt Ion: 82 Resp: 404613

Ion	Ratio	Lower	Upper
82	100		
128	47.6	38.6	58.0
54	46.1	36.3	54.5

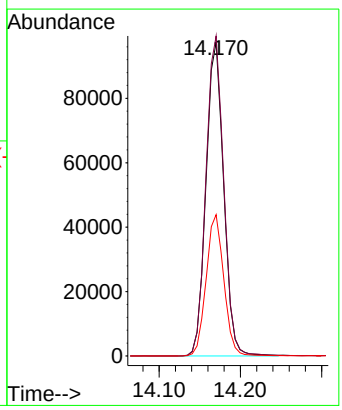


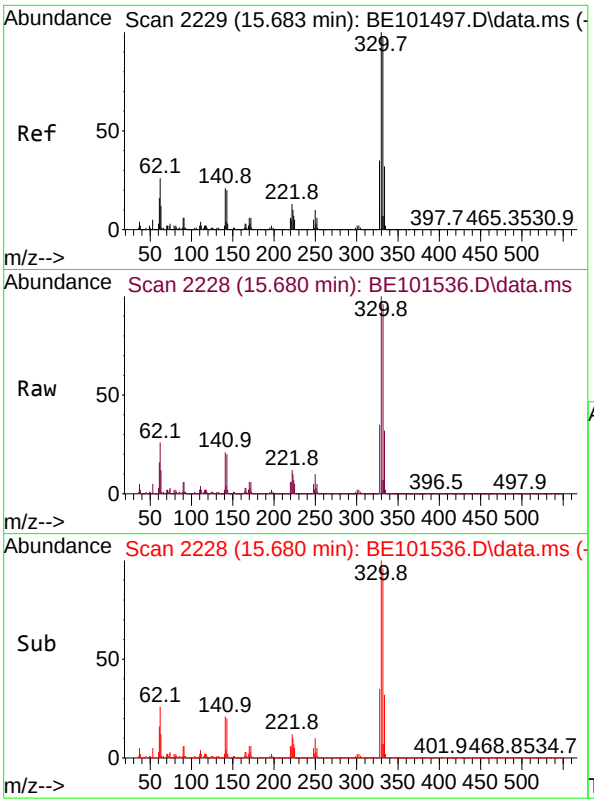


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.170 min Scan# 1971
Delta R.T. -0.003 min
Lab File: BE101536.D
Acq: 7 Nov 2024 18:03

Tgt Ion:164 Resp: 146602

Ion	Ratio	Lower	Upper
164	100		
162	102.1	83.7	125.5
160	45.1	37.1	55.7



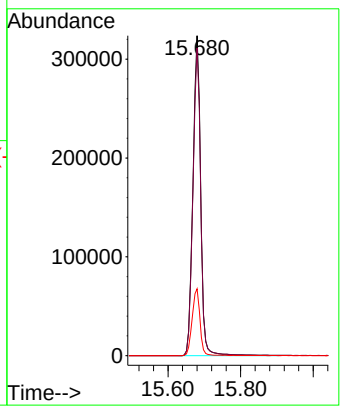


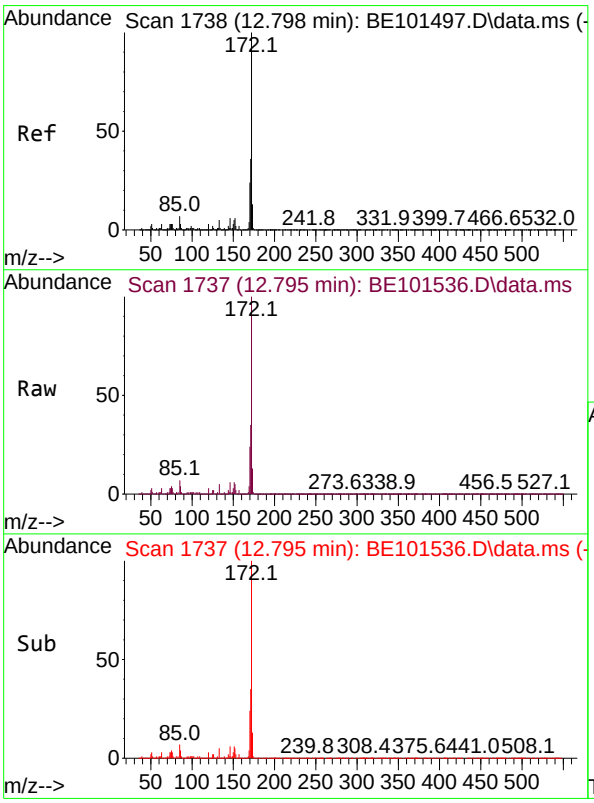
#42
2,4,6-Tribromophenol
Concen: 173.676 ng
RT: 15.680 min Scan# 2
Delta R.T. -0.003 min
Lab File: BE101536.D
Acq: 7 Nov 2024 18:03

Instrument :
BNA_E
ClientSampleId :
BP-G5-WC

Tgt Ion:330 Resp: 479103

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.7	116.5
141	21.2	17.0	25.4

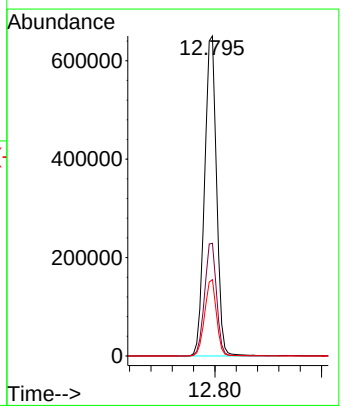


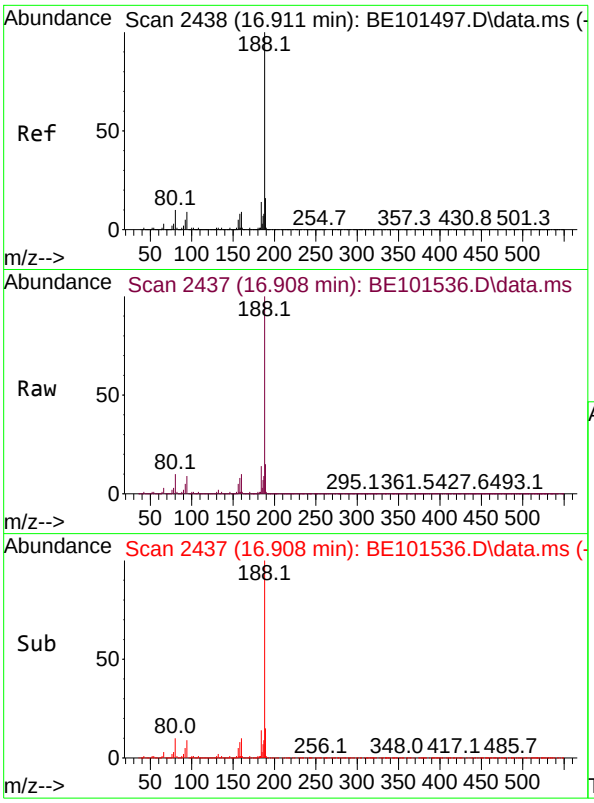


#45
2-Fluorobiphenyl
Concen: 112.880 ng
RT: 12.795 min Scan# 1737
Delta R.T. -0.003 min
Lab File: BE101536.D
Acq: 7 Nov 2024 18:03

Tgt Ion:172 Resp: 1013496

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.9	18.9	28.3



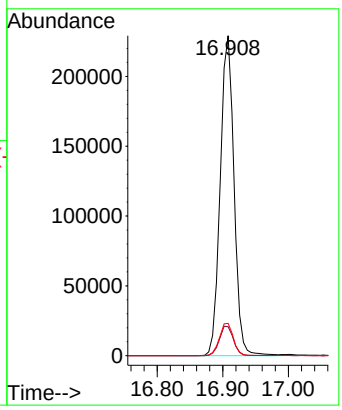


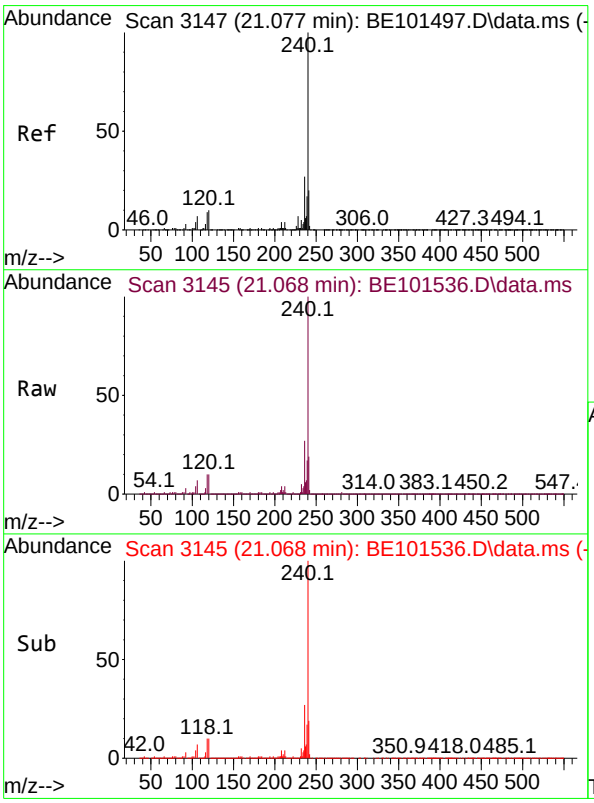
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.908 min Scan# 24
Delta R.T. -0.003 min
Lab File: BE101536.D
Acq: 7 Nov 2024 18:03

Instrument :
BNA_E
ClientSampleId :
BP-G5-WC

Tgt Ion:188 Resp: 332636

Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.4	11.2
80	10.1	8.0	12.0

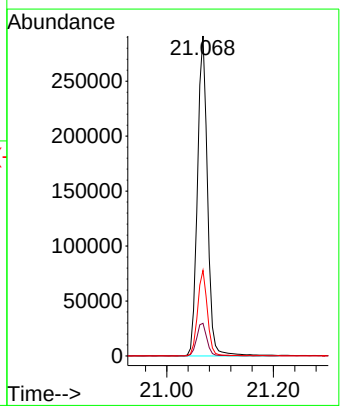


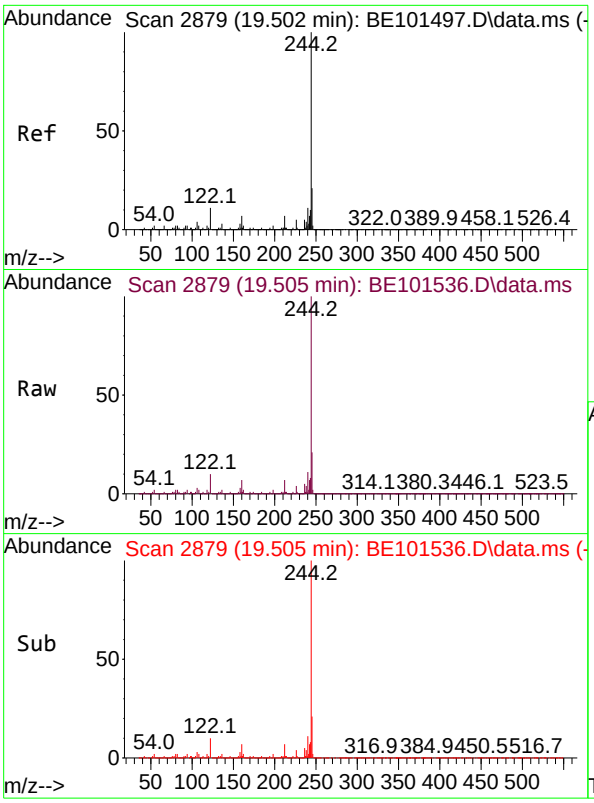


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.068 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BE101536.D
Acq: 7 Nov 2024 18:03

Tgt Ion:240 Resp: 381237

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.2	12.4
236	26.8	21.4	32.2



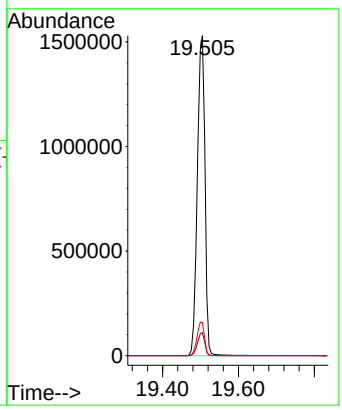


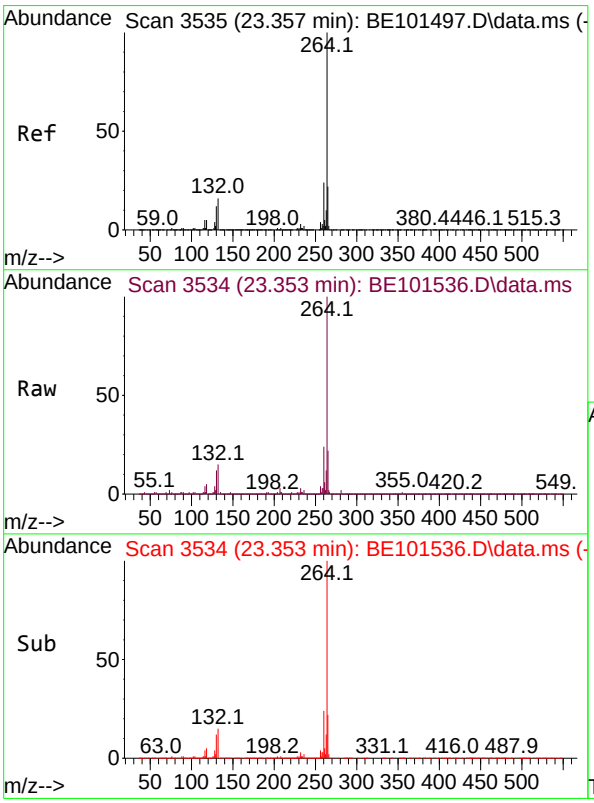
#79
Terphenyl-d14
Concen: 125.426 ng
RT: 19.505 min Scan# 2
Delta R.T. 0.003 min
Lab File: BE101536.D
Acq: 7 Nov 2024 18:03

Instrument :
BNA_E
ClientSampleId :
BP-G5-WC

Tgt Ion:244 Resp: 2160182

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	10.3	8.4	12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.353 min Scan# 3534
Delta R.T. -0.003 min
Lab File: BE101536.D
Acq: 7 Nov 2024 18:03

Tgt Ion:264 Resp: 492462

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.8	17.4	26.2