Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091824\
Data File : BE101356.D
Acq On : 18 Sep 2024 10:18
Operator : RC/JU
Sample : PB163109BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB163109BL

Quant Time: Sep 18 10:57:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 17 16:03:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.577	152	149016	20.000	ng	0.00
21) Naphthalene-d8	10.344	136	621553	20.000	ng	0.00
39) Acenaphthene-d10	14.187	164	398373	20.000	ng	0.00
64) Phenanthrene-d10	16.924	188	920959	20.000	ng	0.00
76) Chrysene-d12	21.084	240	1163723	20.000	ng	0.00
86) Perylene-d12	23.376	264	1662666	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	1331803	156.264	ng	0.00
7) Phenol-d6	6.954	99	1657655	137.200	ng	0.00
23) Nitrobenzene-d5	8.787	82	932844	95.150	ng	0.00
42) 2,4,6-Tribromophenol	15.691	330	895188	133.601	ng	0.00
45) 2-Fluorobiphenyl	12.812	172	2347907	101.848	ng	0.00
79) Terphenyl-d14	19.516	244	4270939	81.377	ng	0.00
Target Compounds						Qvalue

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

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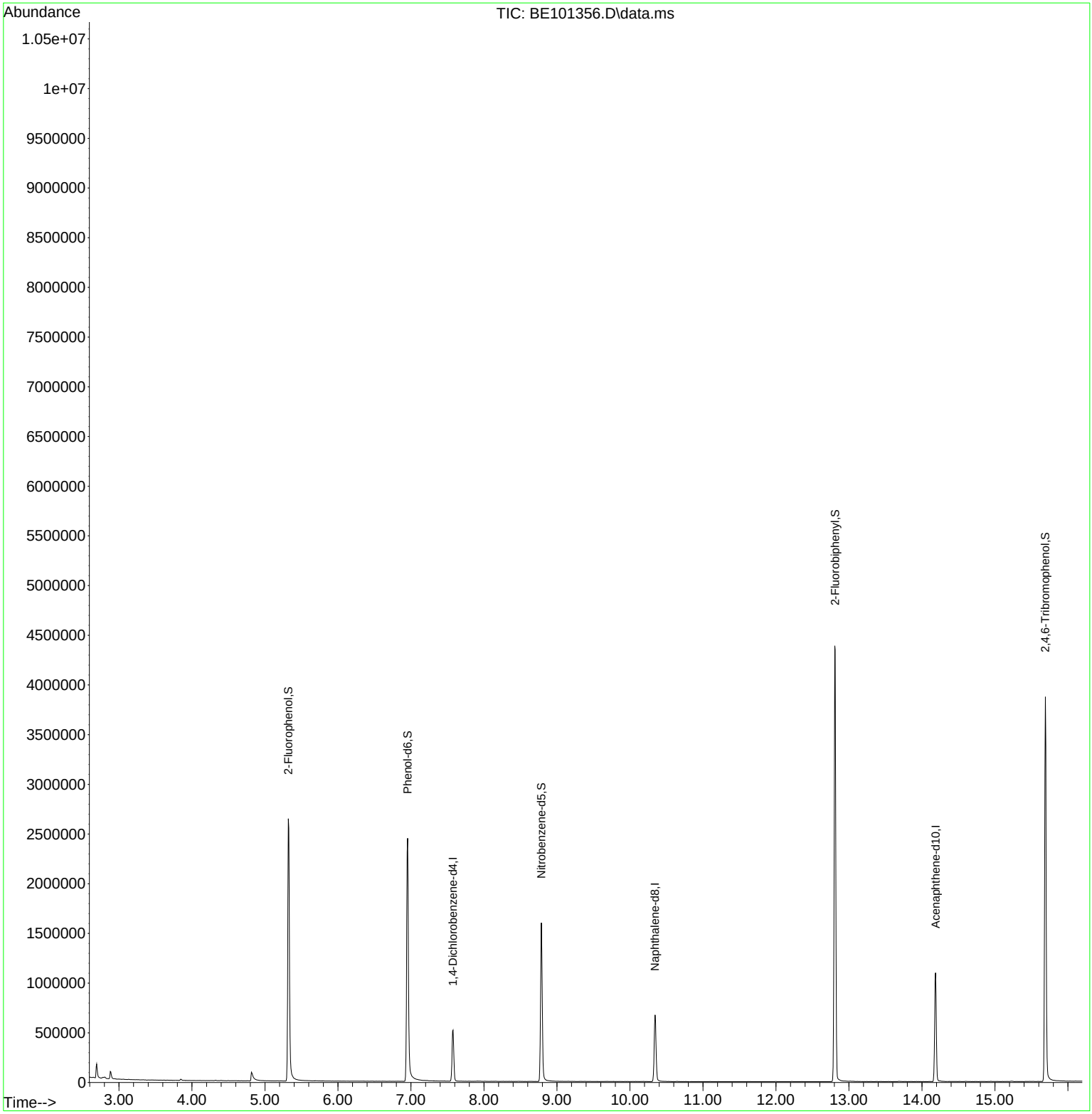

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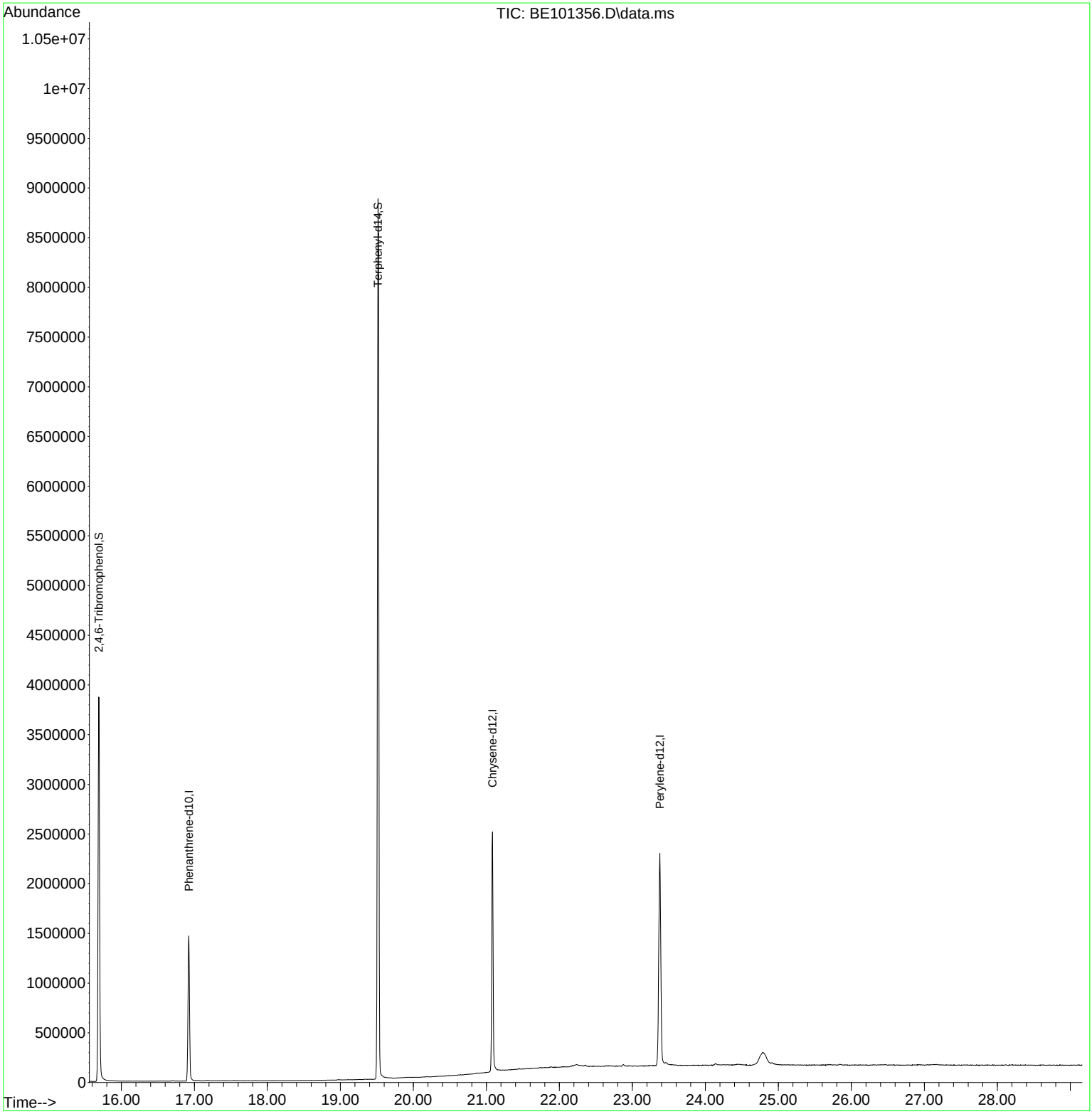
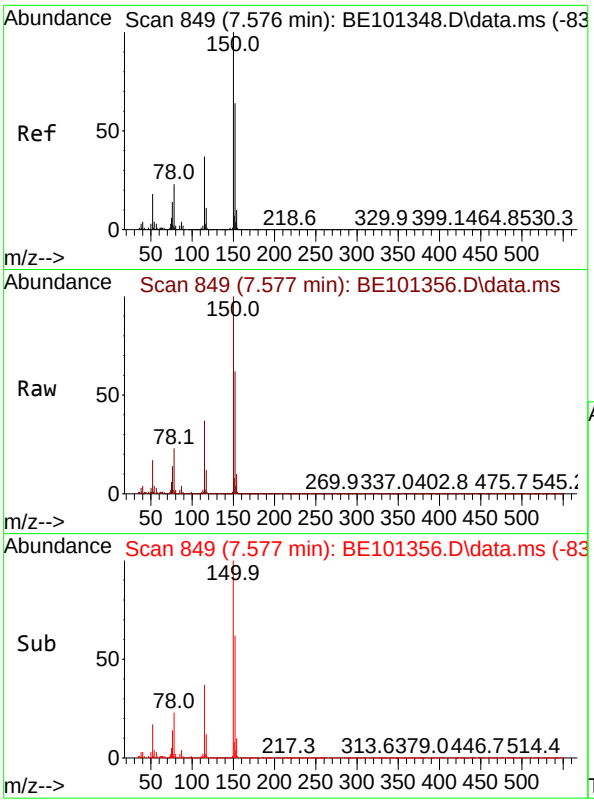


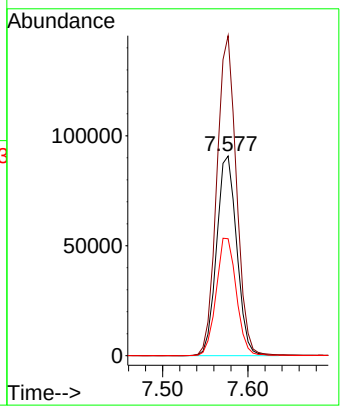


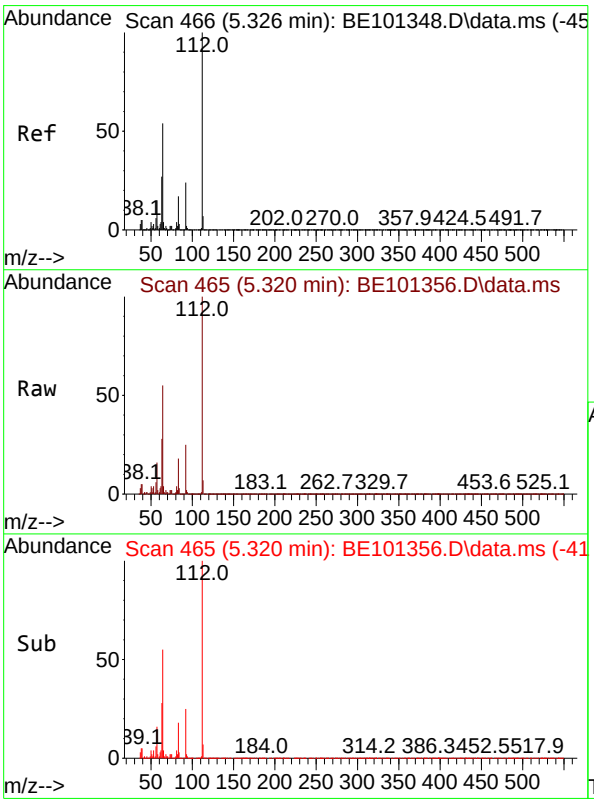
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.577 min Scan# 84
Delta R.T. 0.001 min
Lab File: BE101356.D
Acq: 18 Sep 2024 10:18

Instrument :
BNA_E
ClientSampleId :
PB163109BL

Tgt Ion:152 Resp: 149016

Ion	Ratio	Lower	Upper
152	100		
150	160.2	125.9	188.9
115	58.6	46.9	70.3

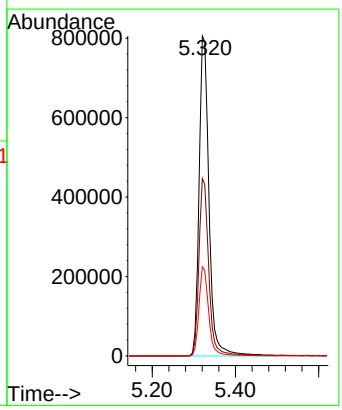


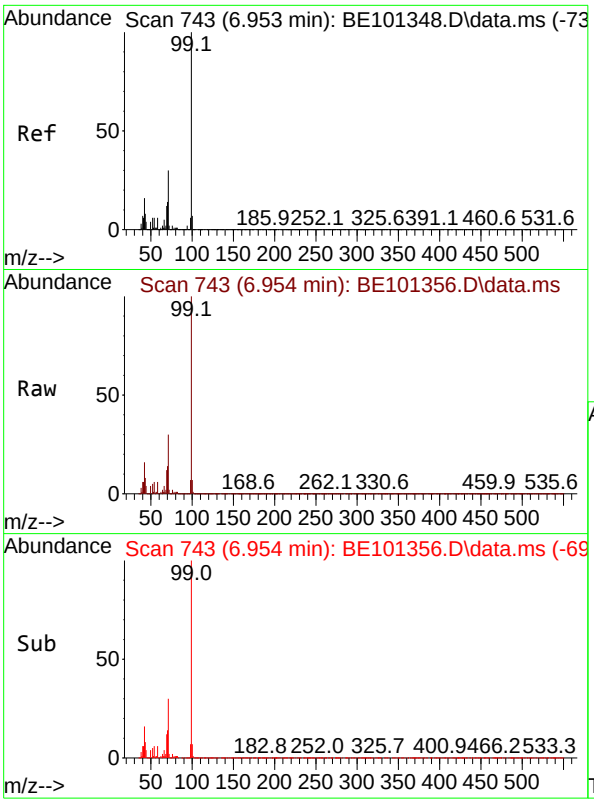


#5
2-Fluorophenol
Concen: 156.264 ng
RT: 5.320 min Scan# 465
Delta R.T. -0.005 min
Lab File: BE101356.D
Acq: 18 Sep 2024 10:18

Tgt Ion:112 Resp: 1331803

Ion	Ratio	Lower	Upper
112	100		
64	55.5	42.8	64.2
63	27.9	21.3	31.9



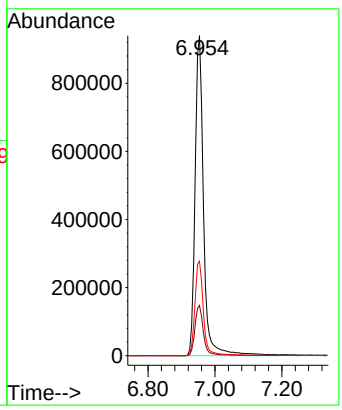


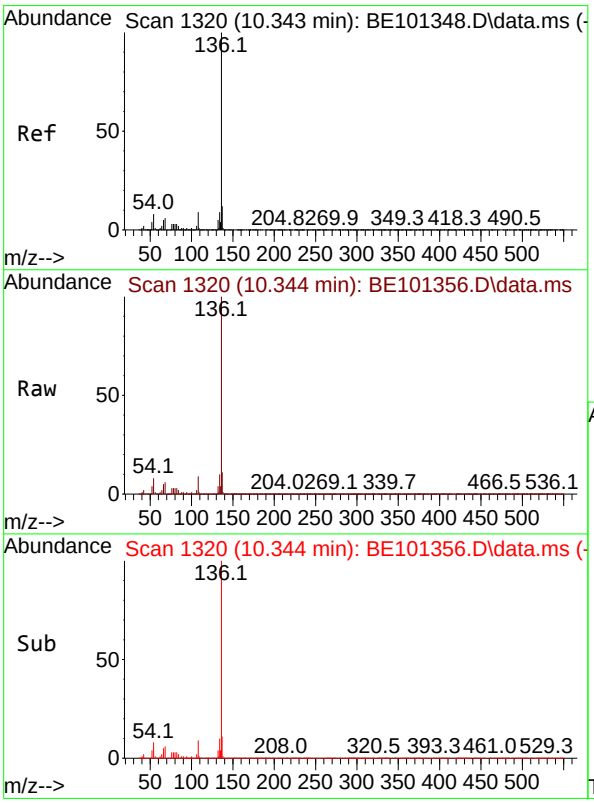
#7
Phenol-d6
Concen: 137.200 ng
RT: 6.954 min Scan# 7
Delta R.T. 0.001 min
Lab File: BE101356.D
Acq: 18 Sep 2024 10:18

Instrument :
BNA_E
ClientSampleId :
PB163109BL

Tgt Ion: 99 Resp: 1657655

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.8	19.2
71	29.5	23.8	35.6

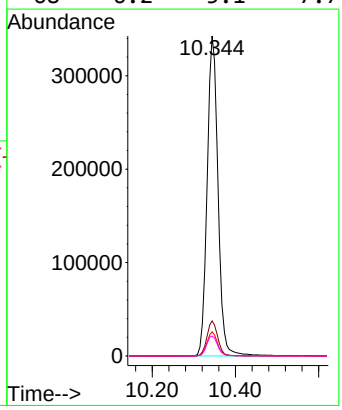


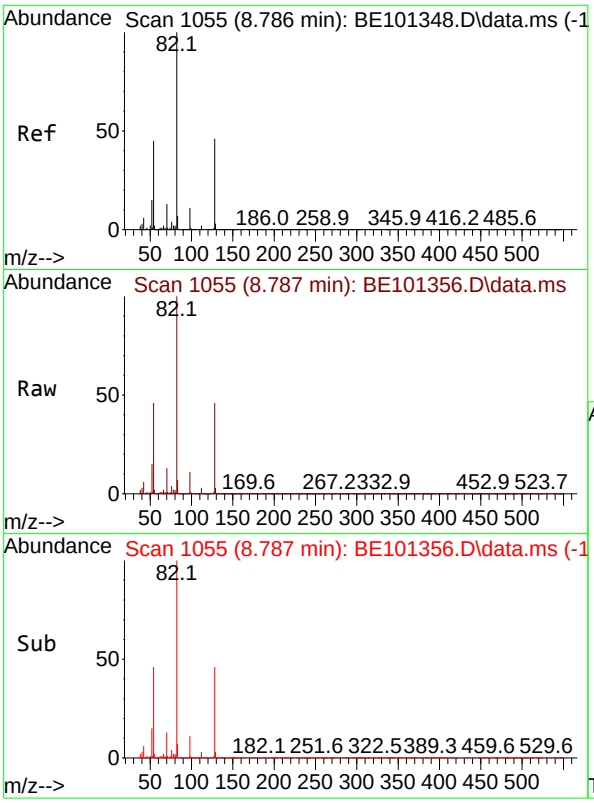


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.344 min Scan# 1320
Delta R.T. 0.001 min
Lab File: BE101356.D
Acq: 18 Sep 2024 10:18

Tgt Ion:136 Resp: 621553

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.3	13.9
54	7.5	6.1	9.1
68	6.2	5.1	7.7



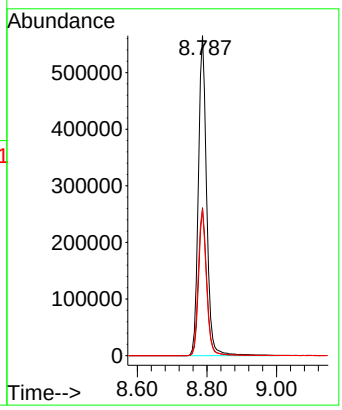


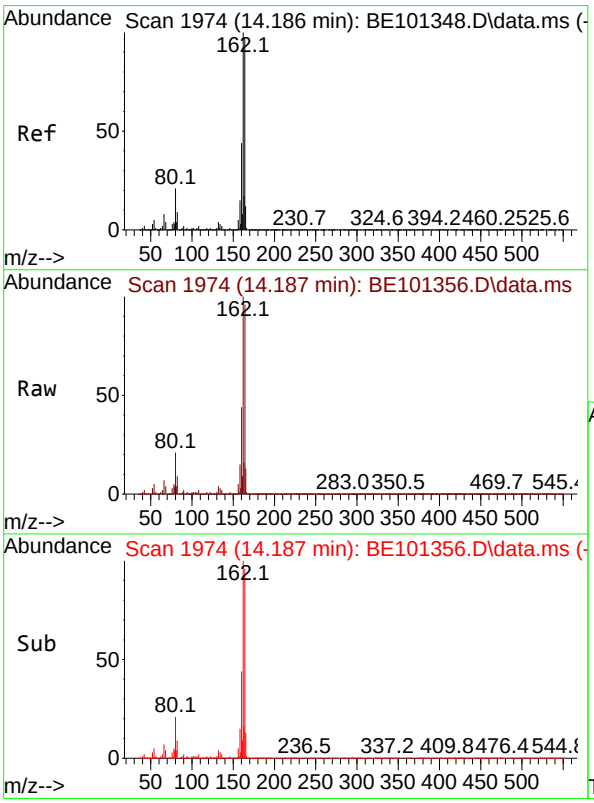
#23
Nitrobenzene-d5
Concen: 95.150 ng
RT: 8.787 min Scan# 1
Delta R.T. 0.001 min
Lab File: BE101356.D
Acq: 18 Sep 2024 10:18

Instrument :
BNA_E
ClientSampleId :
PB163109BL

Tgt Ion: 82 Resp: 932844

Ion	Ratio	Lower	Upper
82	100		
128	46.2	36.8	55.2
54	45.7	36.2	54.4

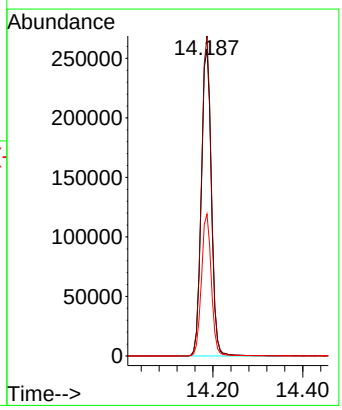


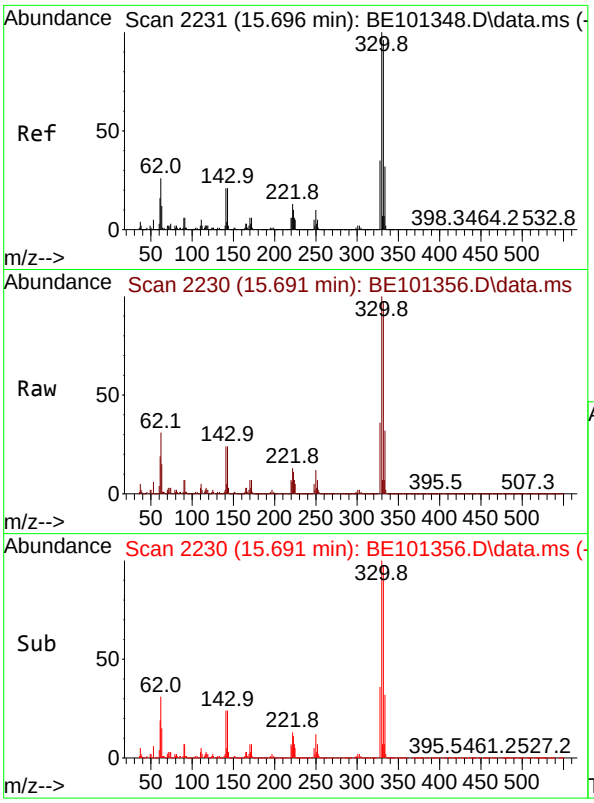


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.187 min Scan# 1974
Delta R.T. 0.001 min
Lab File: BE101356.D
Acq: 18 Sep 2024 10:18

Tgt Ion:164 Resp: 398373

Ion	Ratio	Lower	Upper
164	100		
162	104.2	82.6	123.8
160	46.2	36.1	54.1



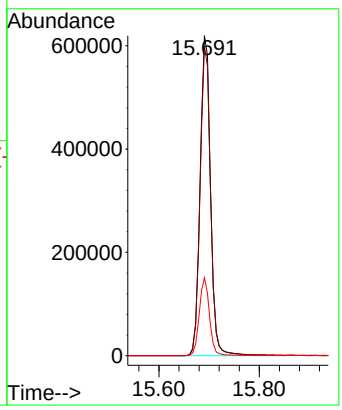


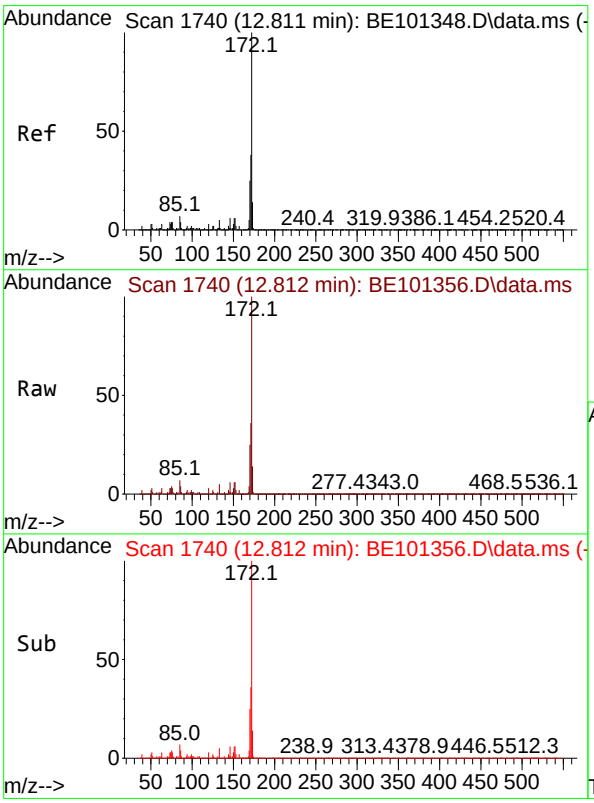
#42
2,4,6-Tribromophenol
Concen: 133.601 ng
RT: 15.691 min Scan# 2
Delta R.T. -0.005 min
Lab File: BE101356.D
Acq: 18 Sep 2024 10:18

Instrument :
BNA_E
ClientSampleId :
PB163109BL

Tgt Ion:330 Resp: 895188

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.8	116.8
141	23.8	19.1	28.7

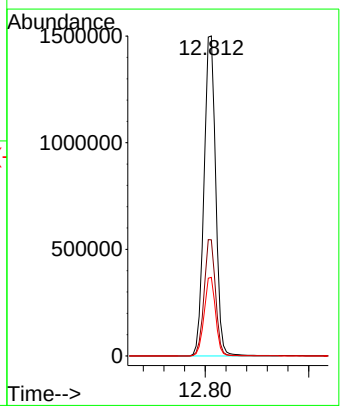


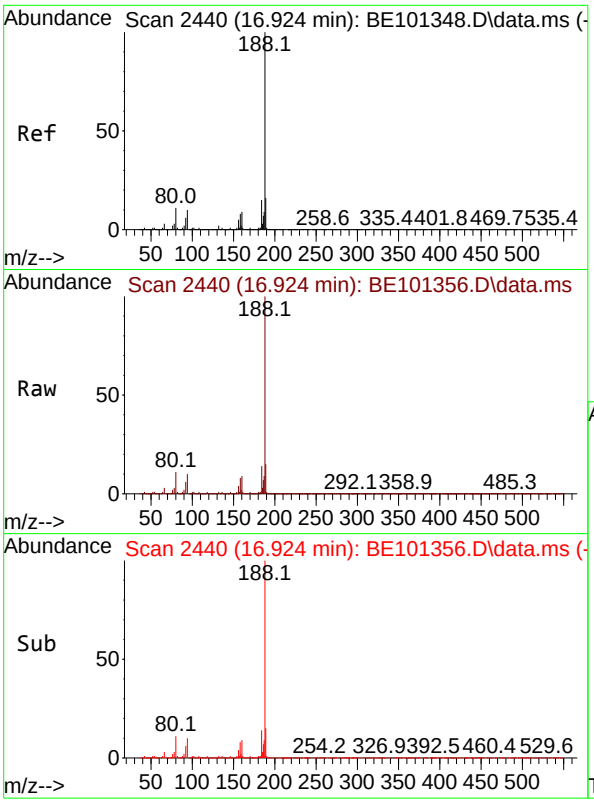


#45
2-Fluorobiphenyl
Concen: 101.848 ng
RT: 12.812 min Scan# 1740
Delta R.T. 0.001 min
Lab File: BE101356.D
Acq: 18 Sep 2024 10:18

Tgt Ion:172 Resp: 2347907

Ion	Ratio	Lower	Upper
172	100		
171	36.3	30.2	45.2
170	24.6	20.2	30.4



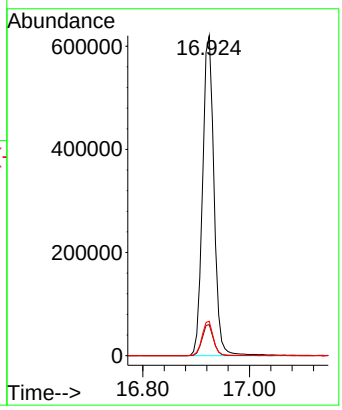


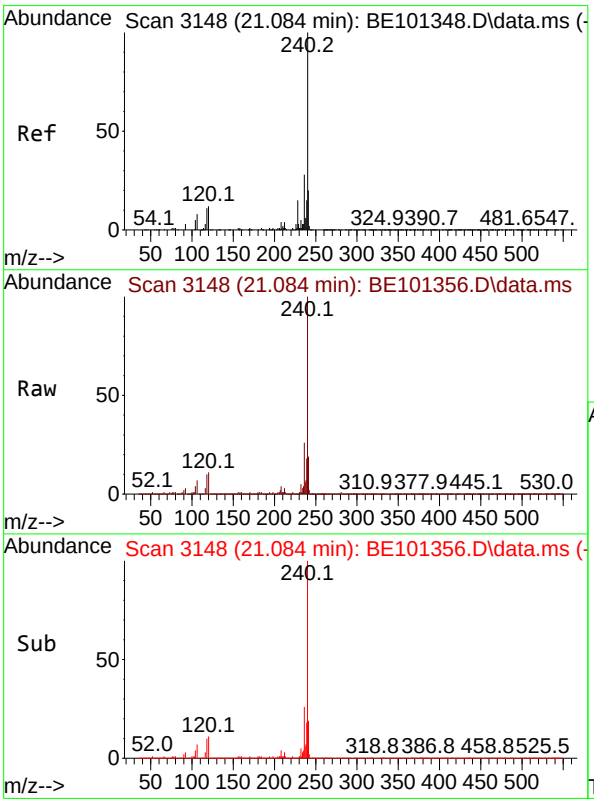
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.924 min Scan# 24
Delta R.T. 0.000 min
Lab File: BE101356.D
Acq: 18 Sep 2024 10:18

Instrument :
BNA_E
ClientSampleId :
PB163109BL

Tgt Ion:188 Resp: 920959

Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.2	12.2
80	10.7	8.6	13.0

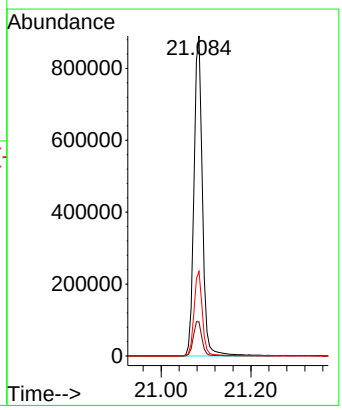


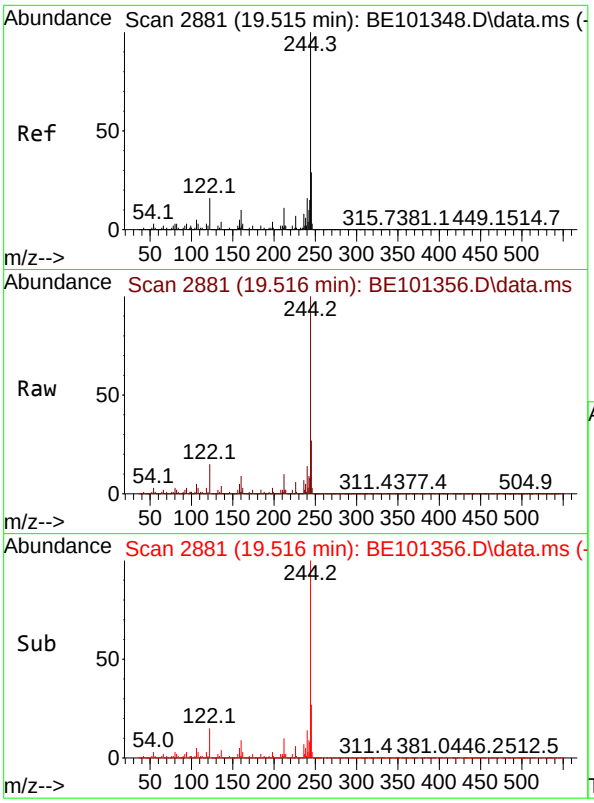


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.084 min Scan# 3148
Delta R.T. 0.001 min
Lab File: BE101356.D
Acq: 18 Sep 2024 10:18

Tgt Ion:240 Resp: 1163723

Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.8	14.8
236	26.4	22.1	33.1



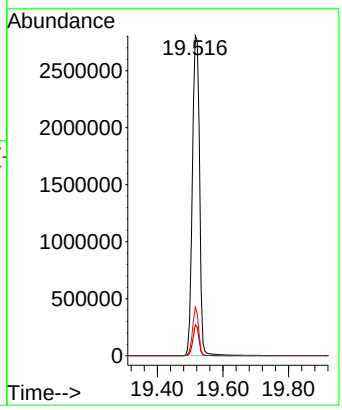


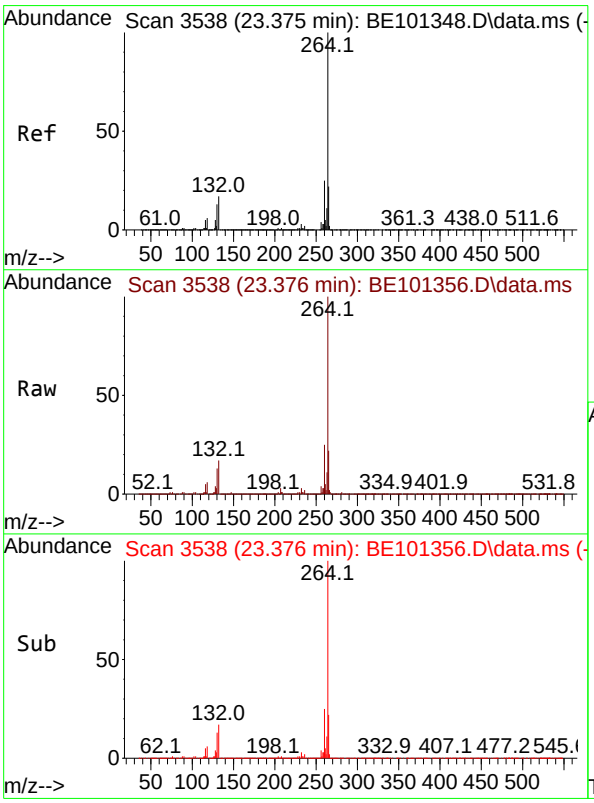
#79
Terphenyl-d14
Concen: 81.377 ng
RT: 19.516 min Scan# 2
Delta R.T. 0.001 min
Lab File: BE101356.D
Acq: 18 Sep 2024 10:18

Instrument :
BNA_E
ClientSampleId :
PB163109BL

Tgt Ion:244 Resp: 4270939

Ion	Ratio	Lower	Upper
244	100		
212	9.6	8.5	12.7
122	15.1	13.1	19.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.376 min Scan# 3538
Delta R.T. 0.001 min
Lab File: BE101356.D
Acq: 18 Sep 2024 10:18

Tgt Ion:264 Resp: 1662666

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	21.9	17.8	26.6