Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091824\
Data File : BE101367.D
Acq On : 18 Sep 2024 17:16
Operator : RC/JU
Sample : PB163110BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB163110BL

Quant Time: Sep 18 18:05:55 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	7.575	152	146861	20.000	ng	0.00
21) Naphthalene-d8	10.342	136	633980	20.000	ng	0.00
39) Acenaphthene-d10	14.185	164	431261	20.000	ng	0.00
64) Phenanthrene-d10	16.923	188	1053064	20.000	ng	0.00
76) Chrysene-d12	21.083	240	1310107	20.000	ng	0.00
86) Perylene-d12	23.368	264	1774064	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.325	112	1083013	128.938	ng	0.00
7) Phenol-d6	6.952	99	1385894	116.390	ng	0.00
23) Nitrobenzene-d5	8.785	82	780202	78.020	ng	0.00
42) 2,4,6-Tribromophenol	15.689	330	845253	116.528	ng	0.00
45) 2-Fluorobiphenyl	12.804	172	2034924	81.540	ng	0.00
79) Terphenyl-d14	19.514	244	4122600	69.774	ng	0.00
Target Compounds						Qvalue

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

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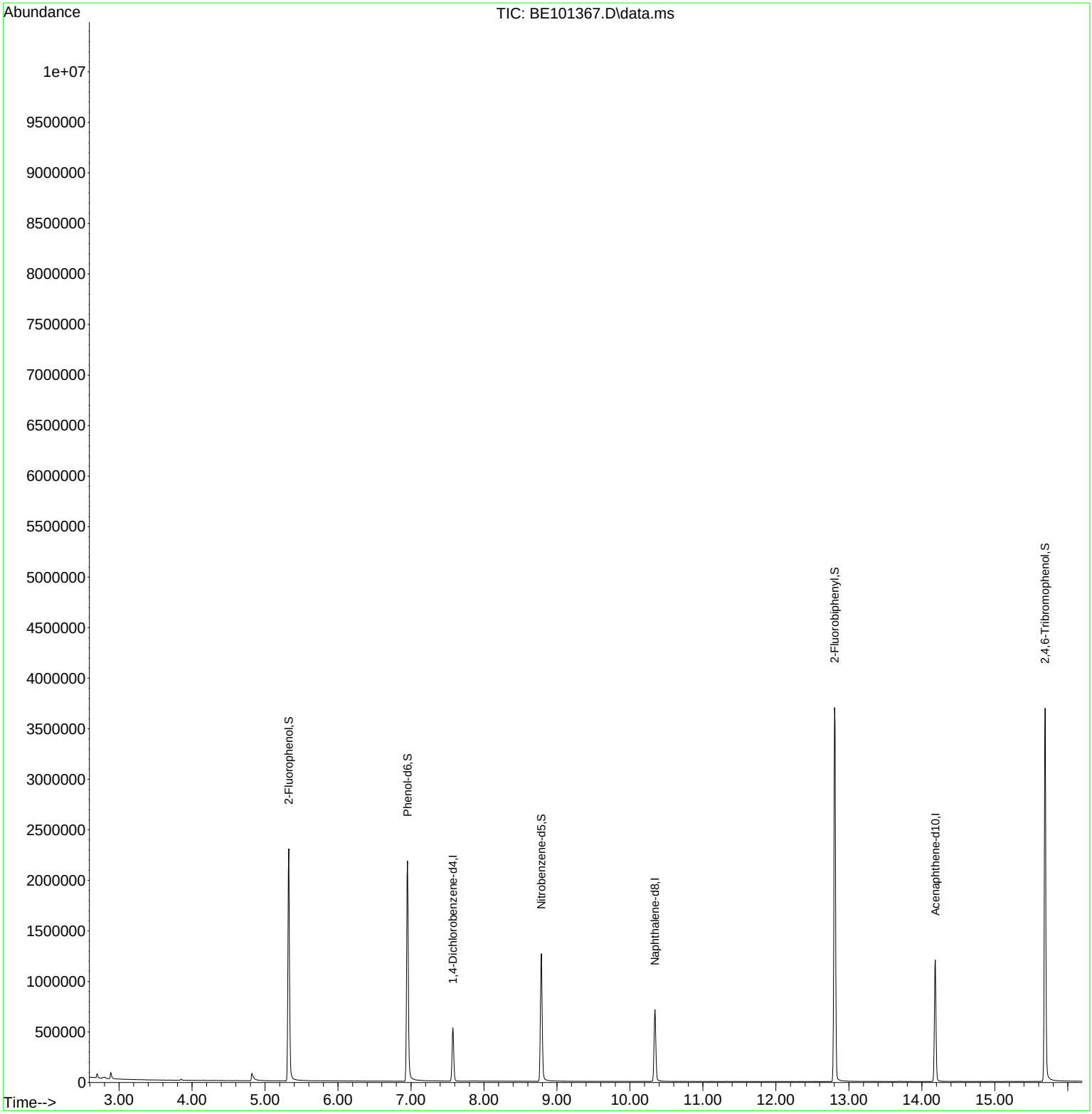

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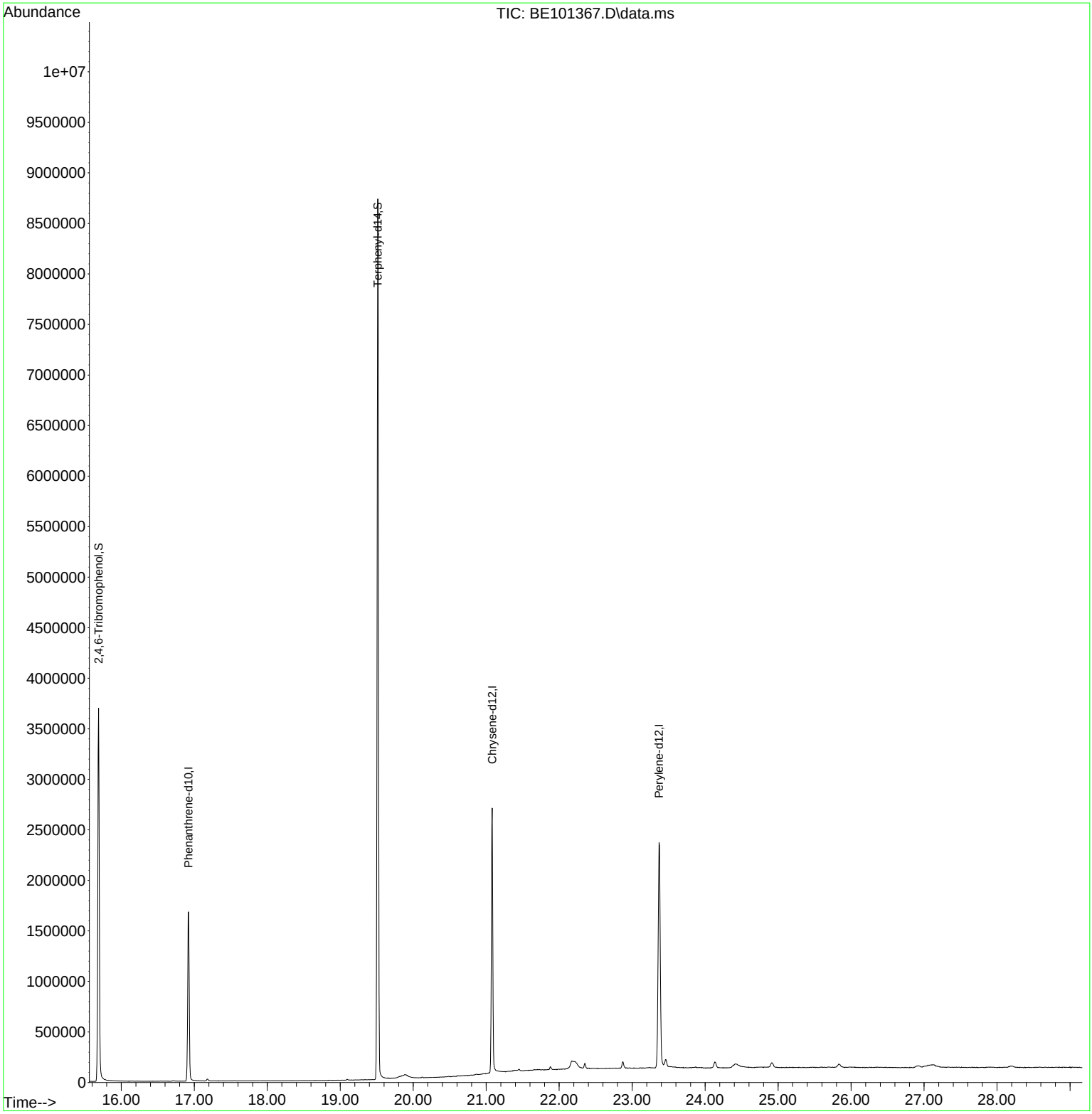
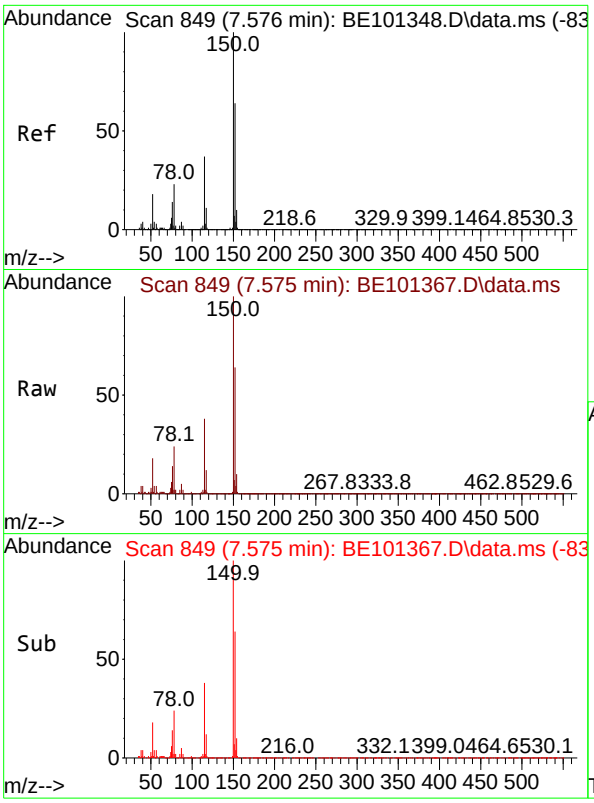


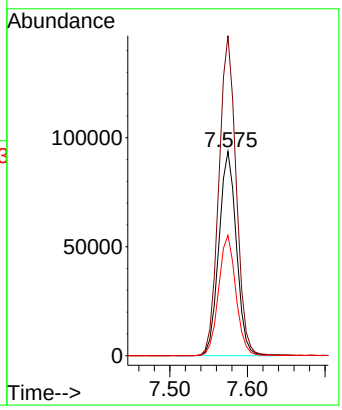


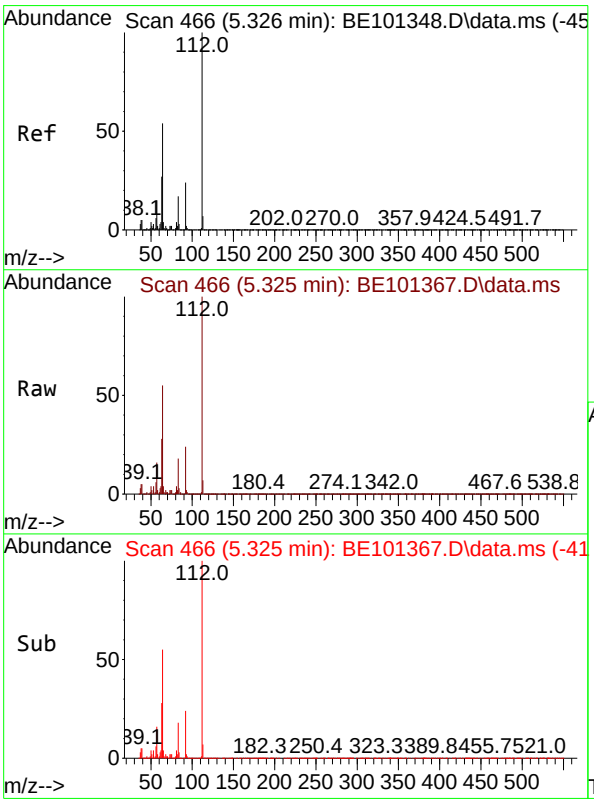
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.575 min Scan# 84
Delta R.T. -0.001 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

Instrument :
BNA_E
ClientSampleId :
PB163110BL

Tgt Ion:152 Resp: 146861

Ion	Ratio	Lower	Upper
152	100		
150	156.7	125.9	188.9
115	58.9	46.9	70.3

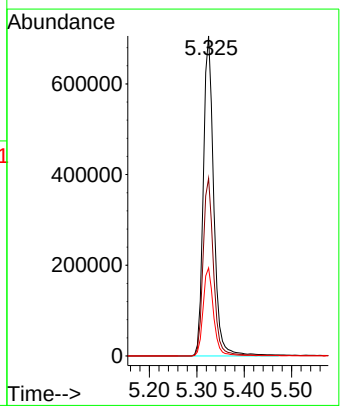


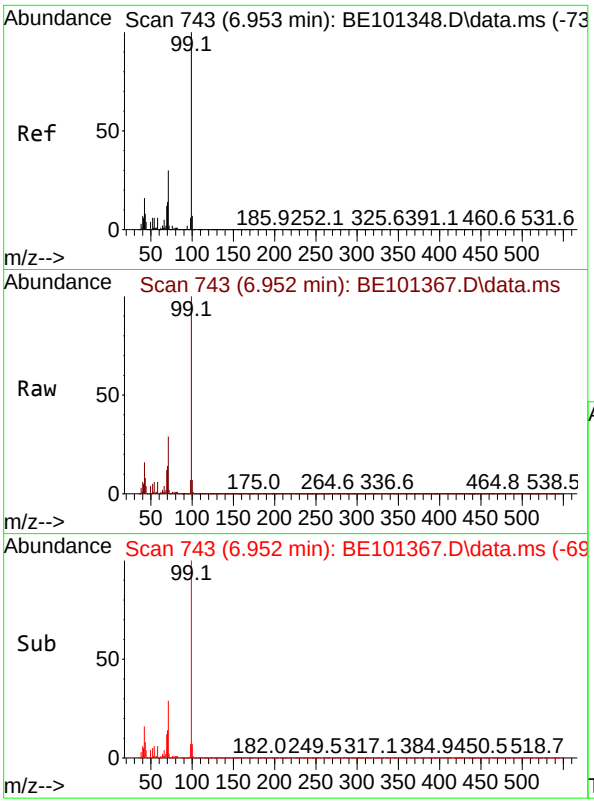


#5
2-Fluorophenol
Concen: 128.938 ng
RT: 5.325 min Scan# 466
Delta R.T. -0.001 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

Tgt Ion:112 Resp: 1083013

Ion	Ratio	Lower	Upper
112	100		
64	55.5	42.8	64.2
63	27.5	21.3	31.9



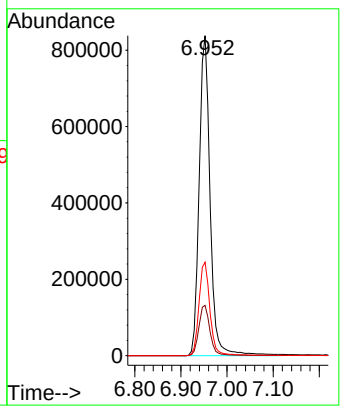


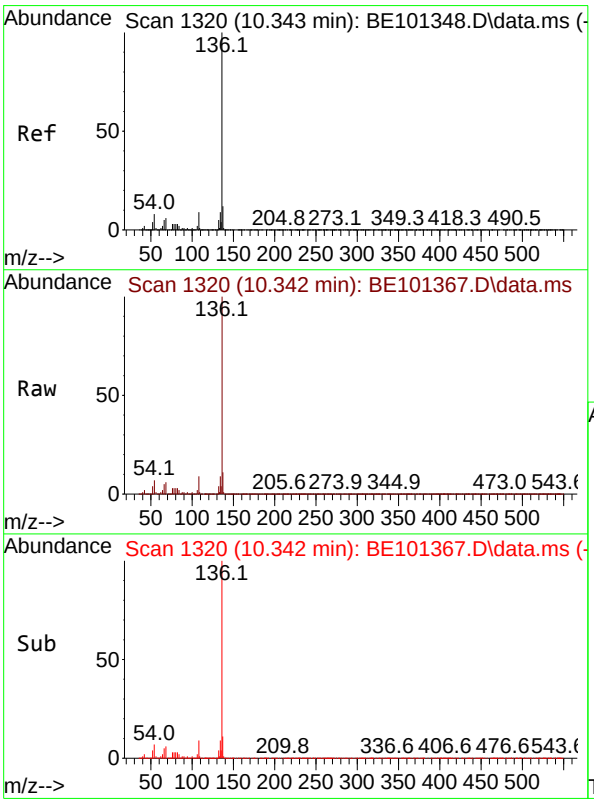
#7
Phenol-d6
Concen: 116.390 ng
RT: 6.952 min Scan# 7
Delta R.T. -0.001 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

Instrument :
BNA_E
ClientSampleId :
PB163110BL

Tgt Ion: 99 Resp: 1385894

Ion	Ratio	Lower	Upper
99	100		
42	15.7	12.8	19.2
71	29.2	23.8	35.6

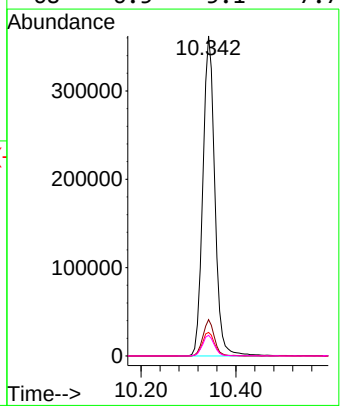


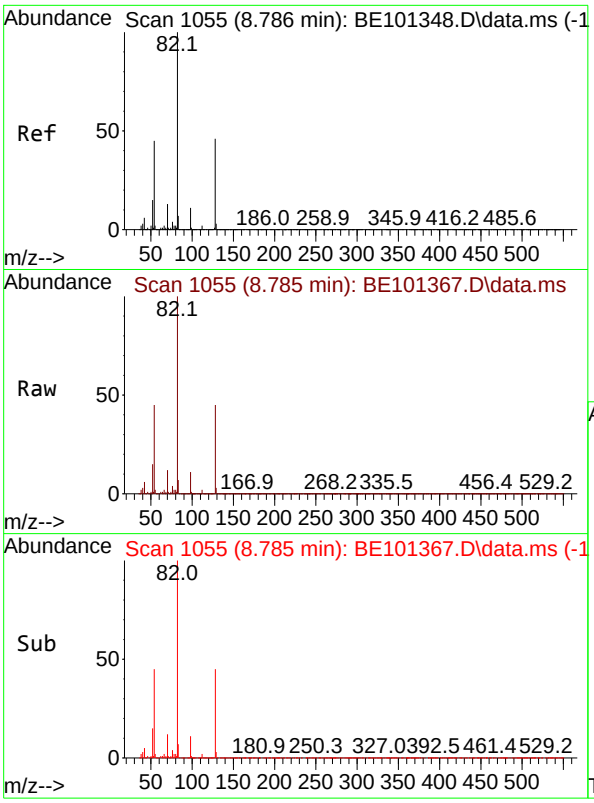


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.342 min Scan# 1320
Delta R.T. -0.001 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

Tgt Ion:136 Resp: 633980

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.3	13.9
54	7.4	6.1	9.1
68	6.5	5.1	7.7



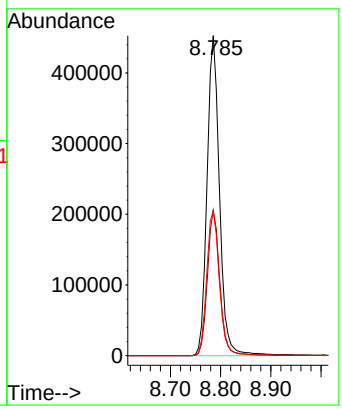


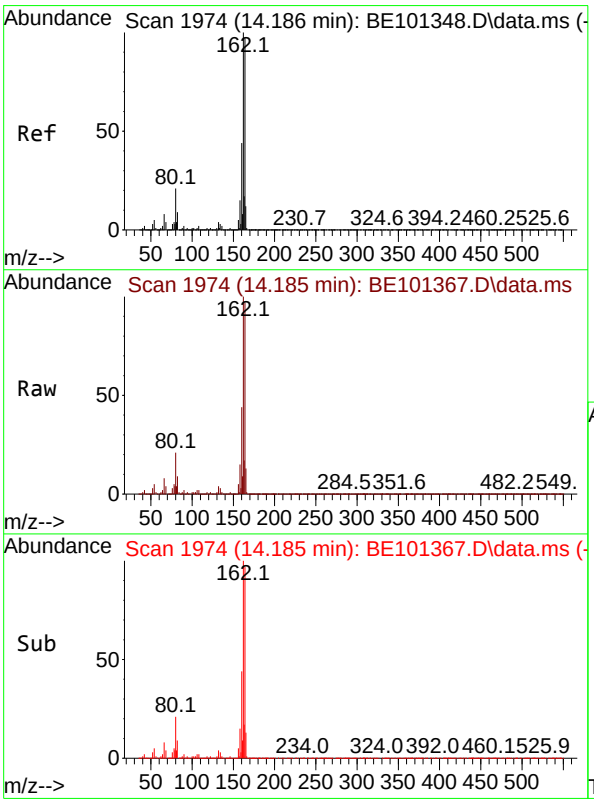
#23
Nitrobenzene-d5
Concen: 78.020 ng
RT: 8.785 min Scan# 1
Delta R.T. -0.001 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

Instrument :
BNA_E
ClientSampleId :
PB163110BL

Tgt Ion: 82 Resp: 780202

Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.8	55.2
54	45.1	36.2	54.4

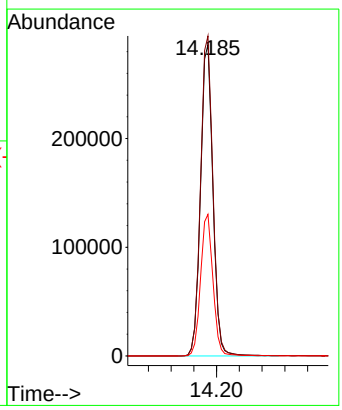


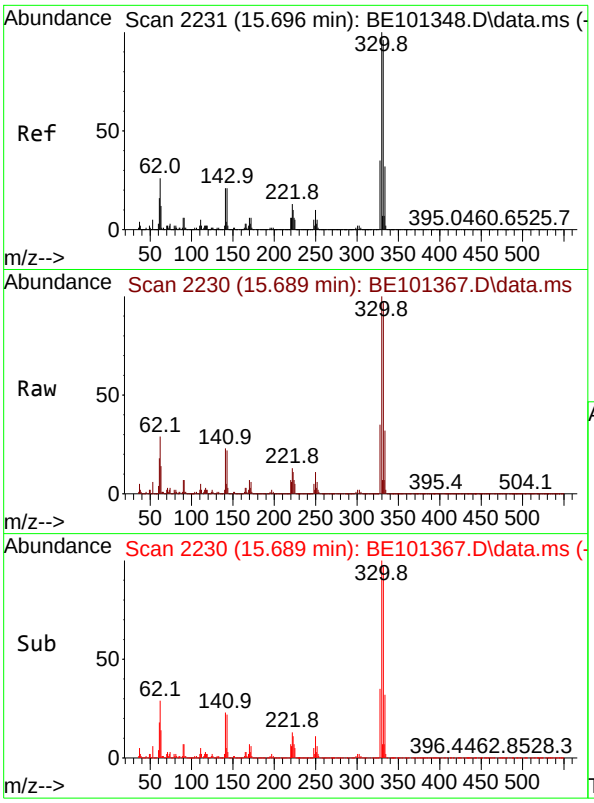


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.185 min Scan# 1974
Delta R.T. -0.001 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

Tgt Ion:164 Resp: 431261

Ion	Ratio	Lower	Upper
164	100		
162	102.8	82.6	123.8
160	45.5	36.1	54.1



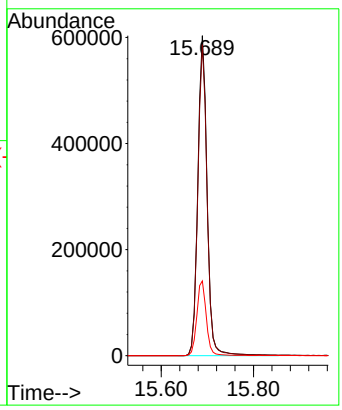


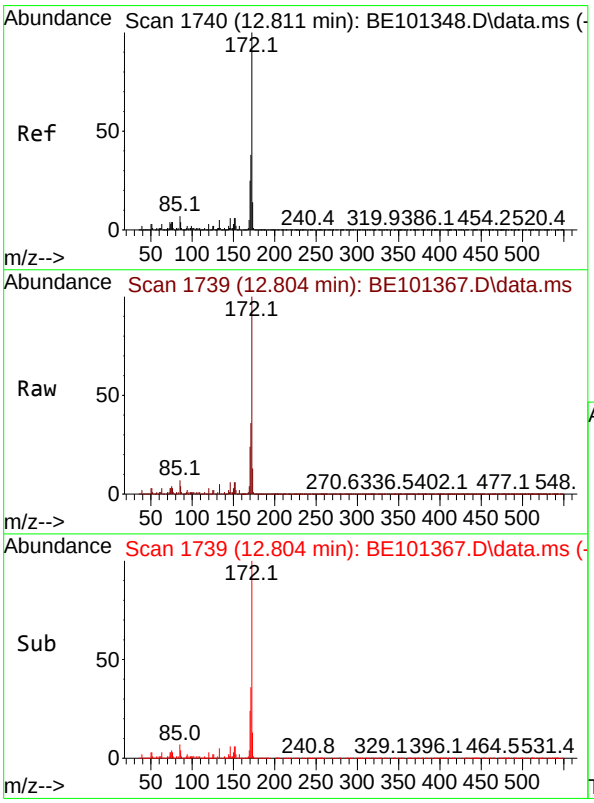
#42
2,4,6-Tribromophenol
Concen: 116.528 ng
RT: 15.689 min Scan# 2
Delta R.T. -0.007 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

Instrument :
BNA_E
ClientSampleId :
PB163110BL

Tgt Ion:330 Resp: 845253

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.8	116.8
141	23.9	19.1	28.7

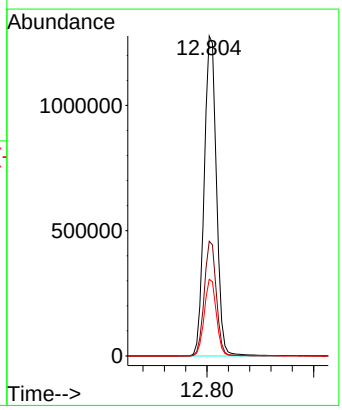


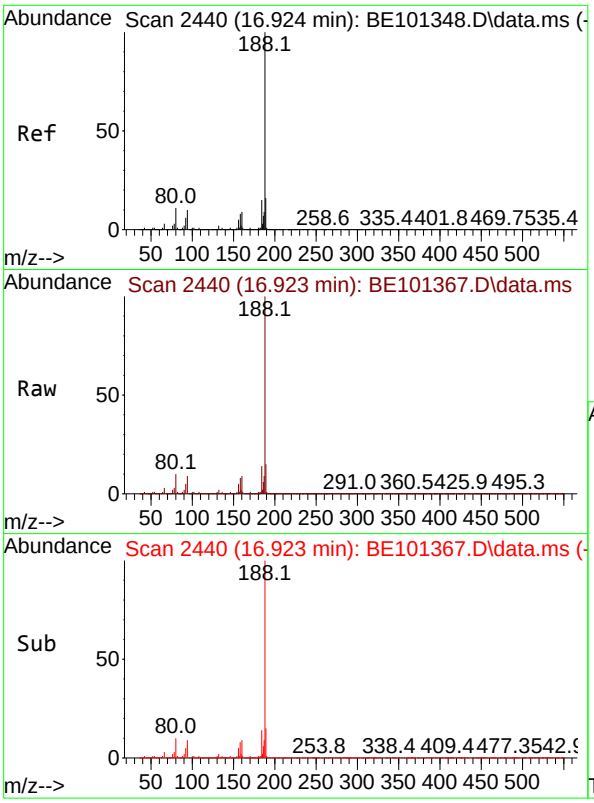


#45
2-Fluorobiphenyl
Concen: 81.540 ng
RT: 12.804 min Scan# 1739
Delta R.T. -0.007 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

Tgt Ion:172 Resp: 2034924

Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.2	45.2
170	24.0	20.2	30.4



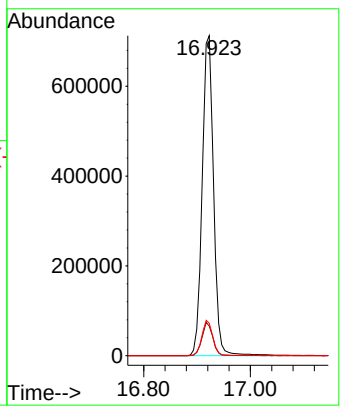


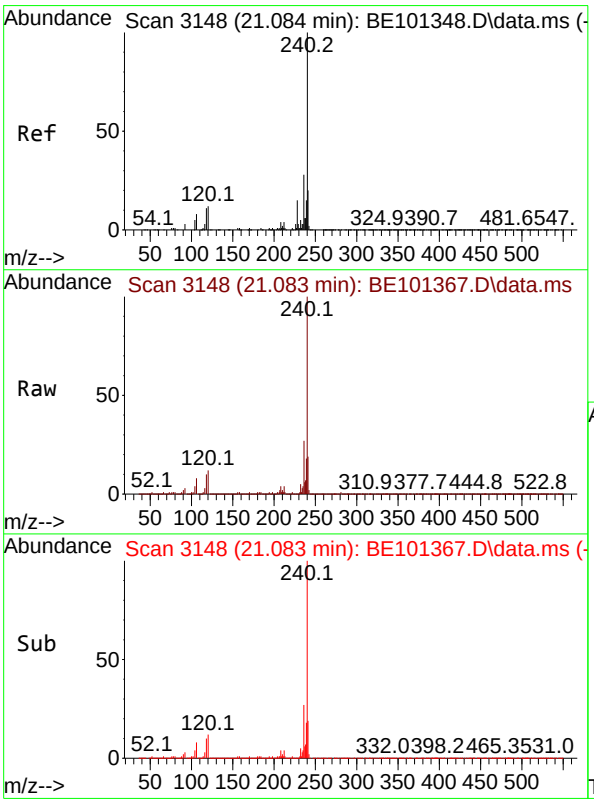
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.923 min Scan# 24
Delta R.T. -0.001 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

Instrument :
BNA_E
ClientSampleId :
PB163110BL

Tgt Ion:188 Resp: 1053064

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.2	12.2
80	10.2	8.6	13.0

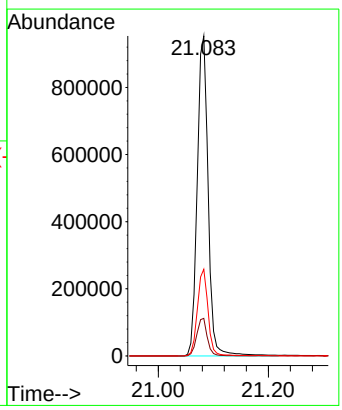


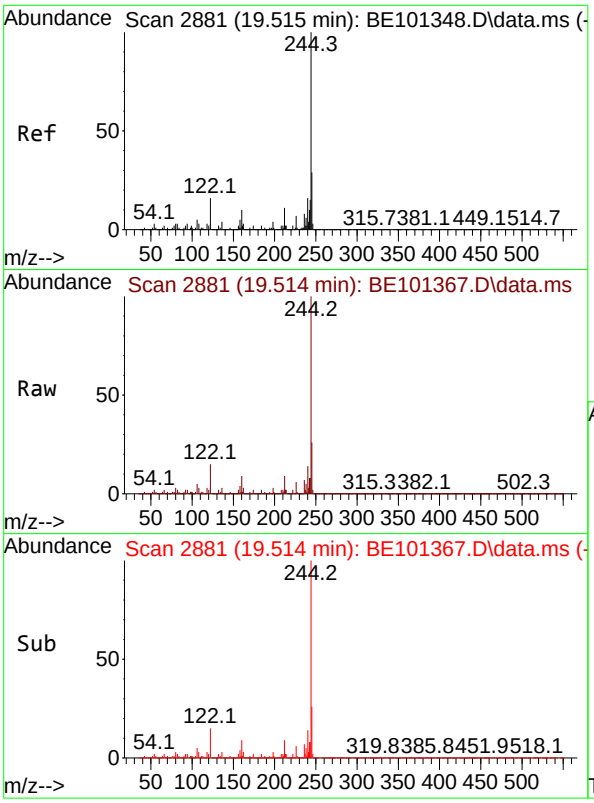


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.083 min Scan# 3148
Delta R.T. -0.001 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

Tgt Ion:240 Resp: 1310107

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.8	14.8
236	27.1	22.1	33.1



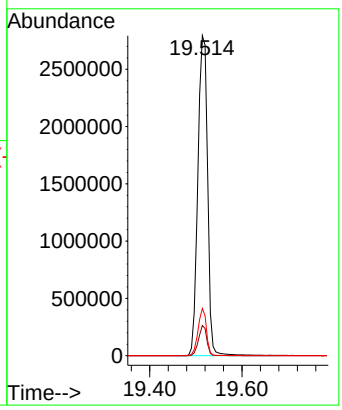


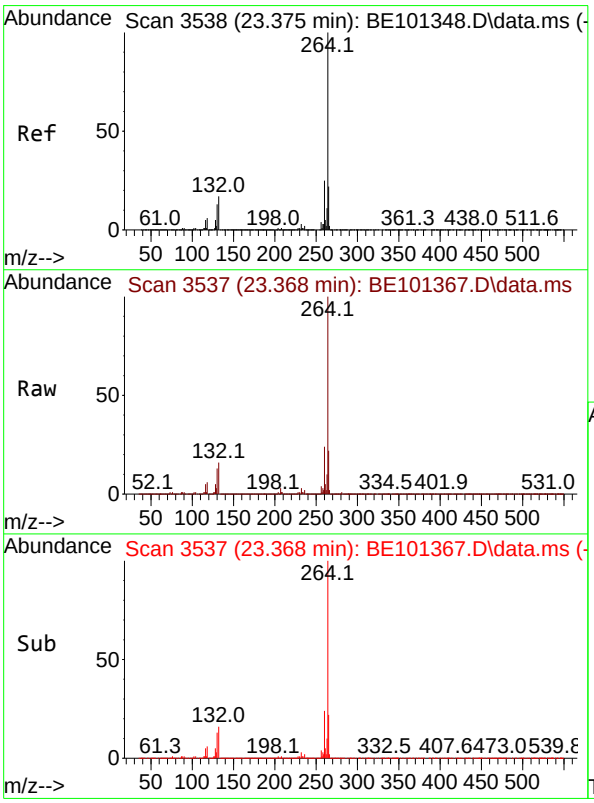
#79
Terphenyl-d14
Concen: 69.774 ng
RT: 19.514 min Scan# 2
Delta R.T. -0.001 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

Instrument :
BNA_E
ClientSampleId :
PB163110BL

Tgt Ion:244 Resp: 4122600

Ion	Ratio	Lower	Upper
244	100		
212	9.4	8.5	12.7
122	14.7	13.1	19.7





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.368 min Scan# 3537
Delta R.T. -0.007 min
Lab File: BE101367.D
Acq: 18 Sep 2024 17:16

Tgt Ion:264 Resp: 1774064

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	22.4	17.8	26.6