Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE102924\
Data File : BE101401.D
Acq On : 29 Oct 2024 11:22
Operator : RC/JU
Sample : PB164366BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB164366BL

Quant Time: Oct 29 12:07:56 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	7.573	152	120788	20.000	ng	0.00
21) Naphthalene-d8	10.341	136	503542	20.000	ng	0.00
39) Acenaphthene-d10	14.177	164	327563	20.000	ng	0.00
64) Phenanthrene-d10	16.915	188	763097	20.000	ng	0.00
76) Chrysene-d12	21.075	240	1025624	20.000	ng	0.00
86) Perylene-d12	23.361	264	1416022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.317	112	1045456	151.698	ng	0.00
7) Phenol-d6	6.951	99	1318601	137.987	ng	0.00
23) Nitrobenzene-d5	8.784	82	754818	94.152	ng	0.00
42) 2,4,6-Tribromophenol	15.687	330	772424	134.542	ng	0.00
45) 2-Fluorobiphenyl	12.803	172	1903287	98.402	ng	0.00
79) Terphenyl-d14	19.512	244	3800702	85.290	ng	0.00
Target Compounds						Qvalue

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

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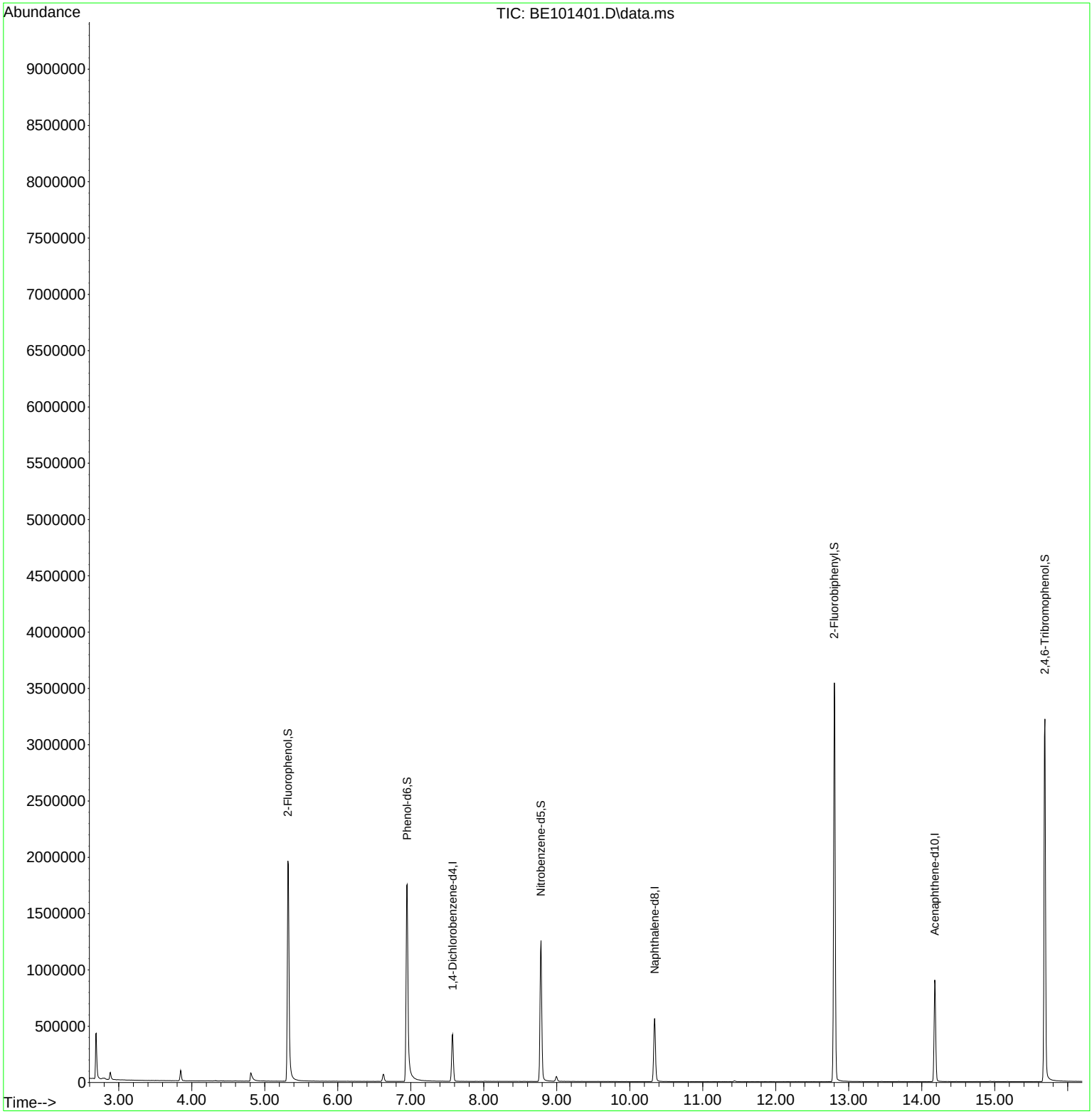

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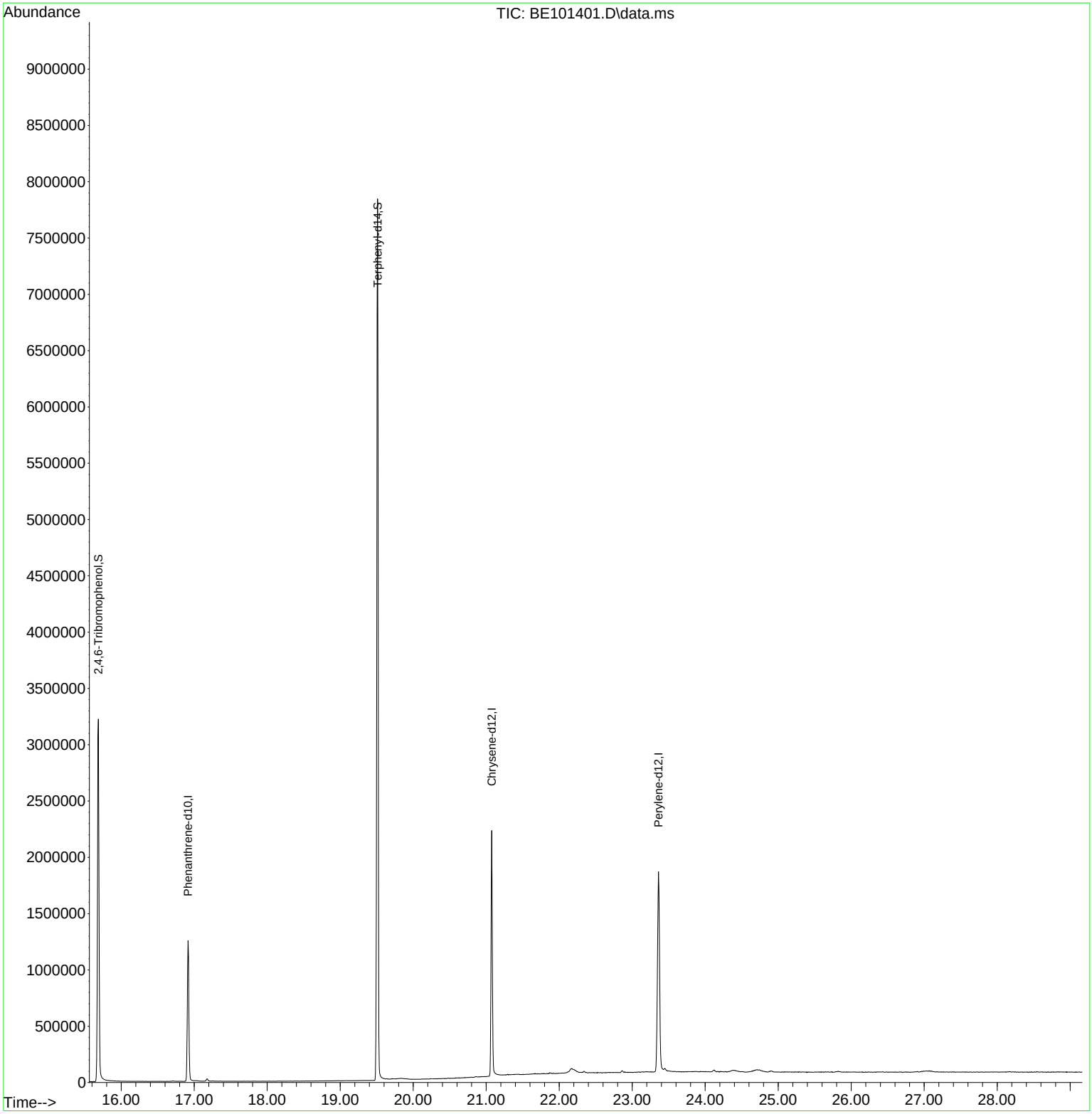
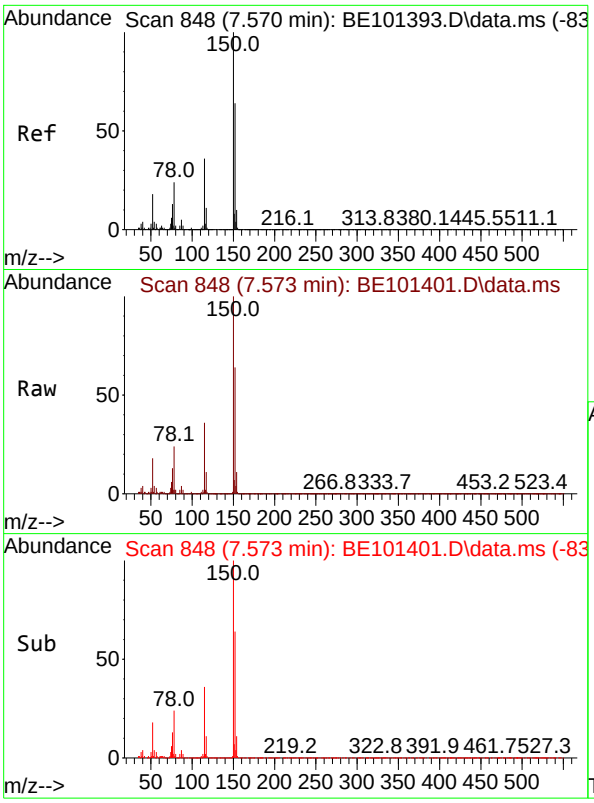


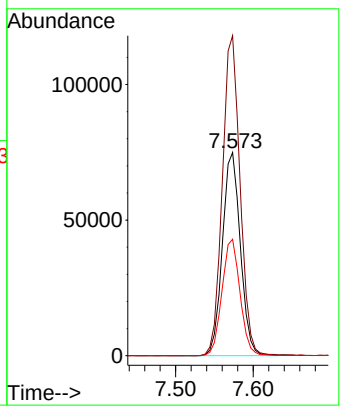


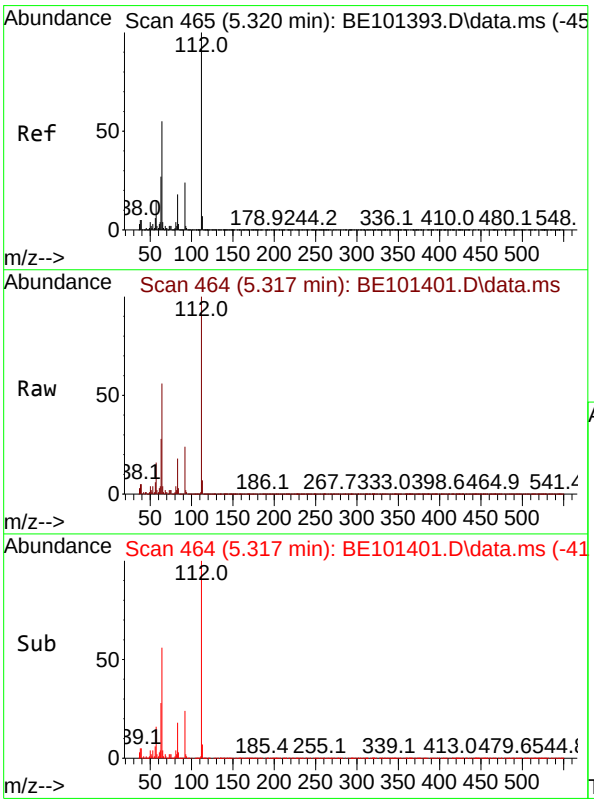
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.573 min Scan# 84
Delta R.T. 0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

Instrument :
BNA_E
ClientSampleId :
PB164366BL

Tgt Ion:152 Resp: 120788

Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.2	186.4
115	57.3	45.3	67.9

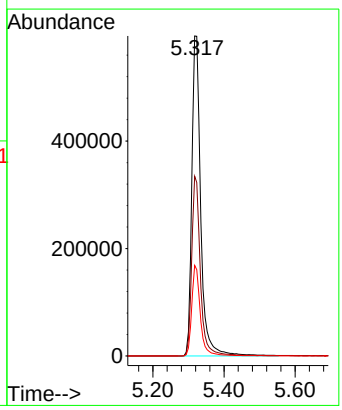


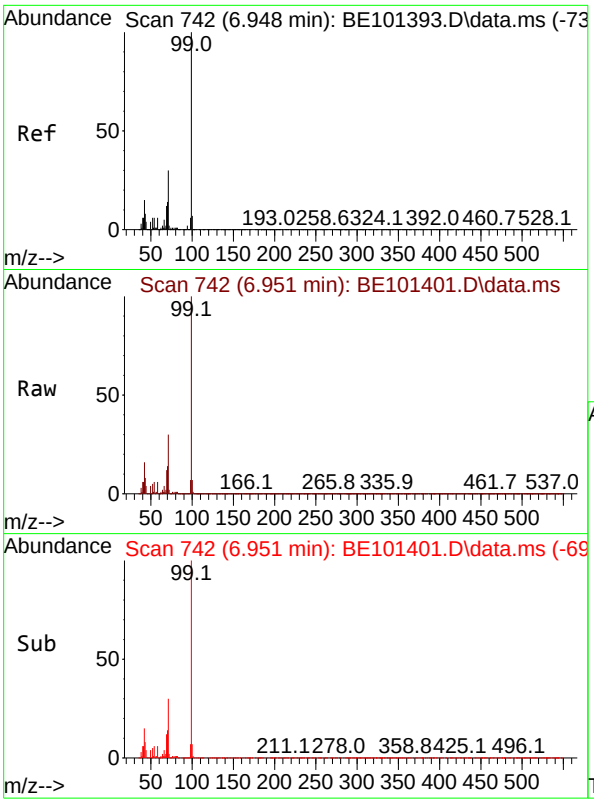


#5
2-Fluorophenol
Concen: 151.698 ng
RT: 5.317 min Scan# 464
Delta R.T. -0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

Tgt Ion:112 Resp: 1045456

Ion	Ratio	Lower	Upper
112	100		
64	56.2	43.7	65.5
63	28.3	21.4	32.2



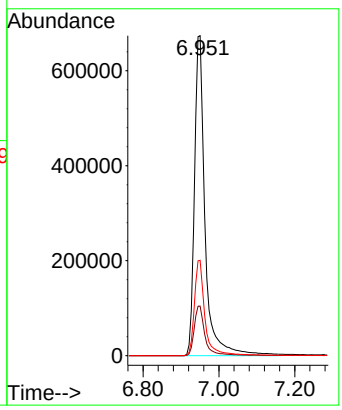


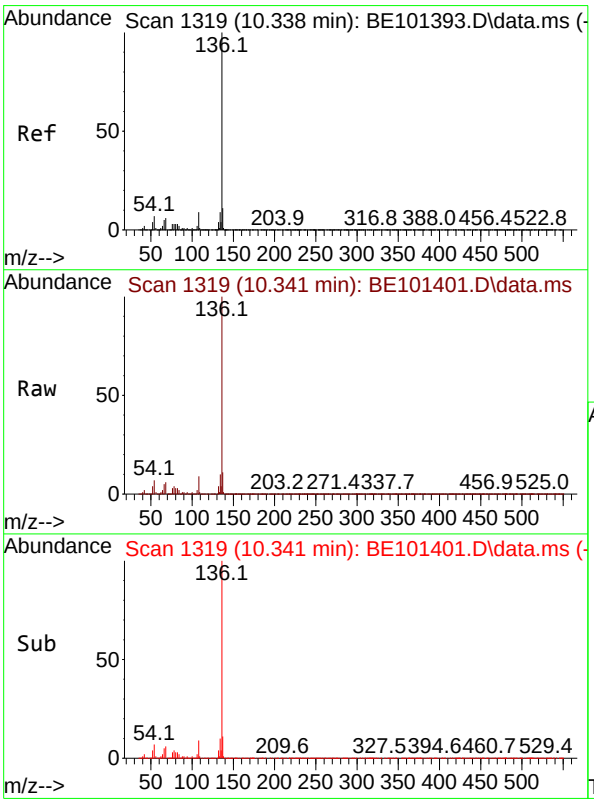
#7
Phenol-d6
Concen: 137.987 ng
RT: 6.951 min Scan# 7
Delta R.T. 0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

Instrument :
BNA_E
ClientSampleId :
PB164366BL

Tgt Ion: 99 Resp: 1318601

Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.3	18.5
71	29.8	23.8	35.8

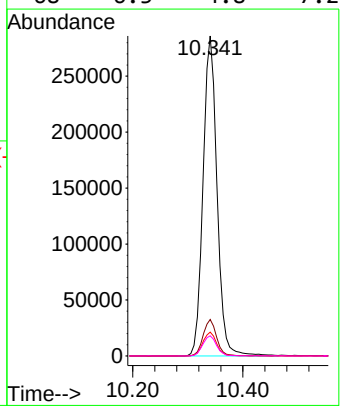


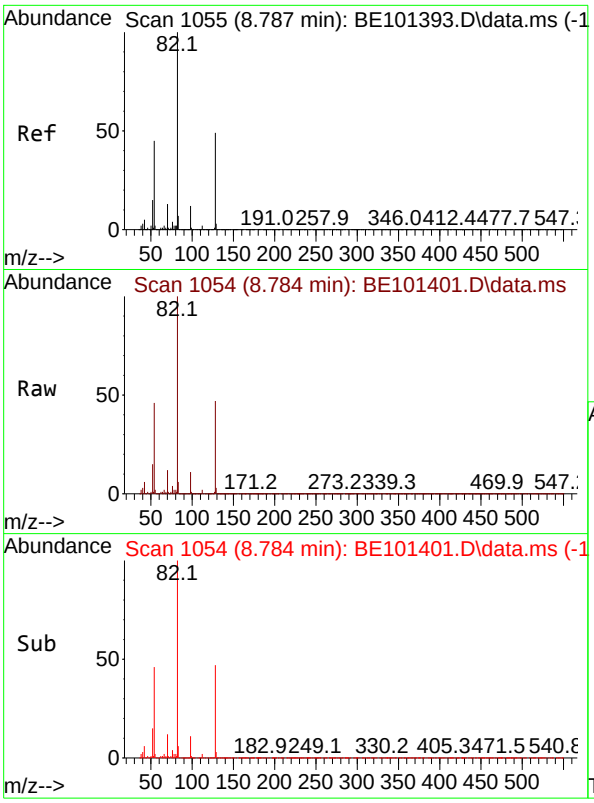


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.341 min Scan# 1319
Delta R.T. 0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

Tgt Ion:136 Resp: 503542

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	7.5	5.9	8.9
68	6.3	4.8	7.2



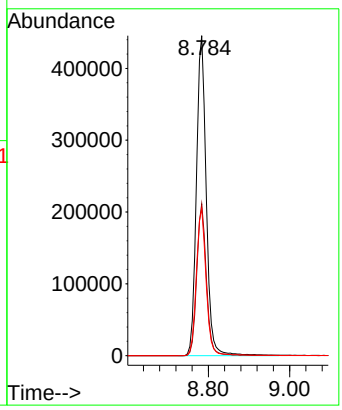


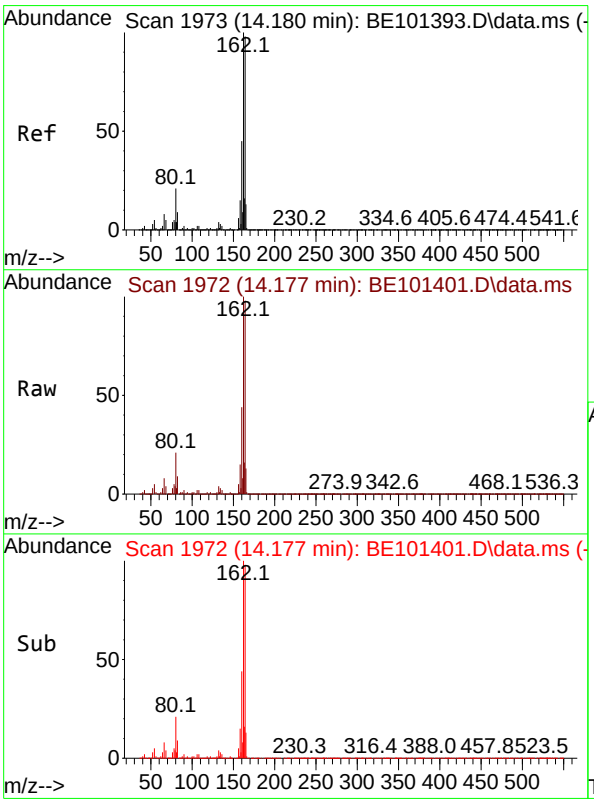
#23
Nitrobenzene-d5
Concen: 94.152 ng
RT: 8.784 min Scan# 1
Delta R.T. -0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

Instrument :
BNA_E
ClientSampleId :
PB164366BL

Tgt Ion: 82 Resp: 754818

Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.9	58.3
54	46.0	36.2	54.4

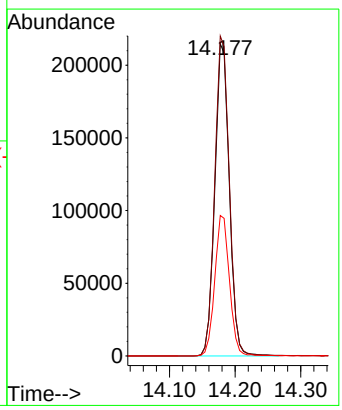


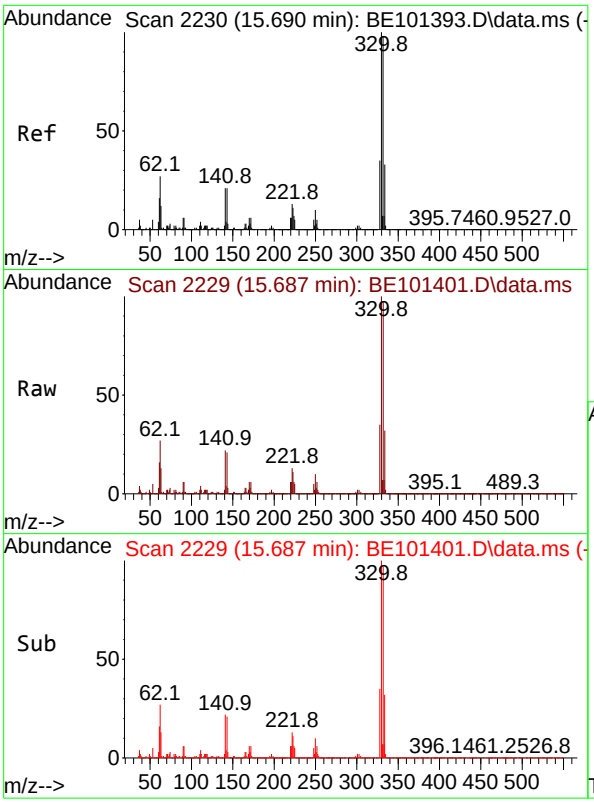


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.177 min Scan# 1972
Delta R.T. -0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

Tgt Ion:164 Resp: 327563

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.3	121.9
160	45.0	36.4	54.6



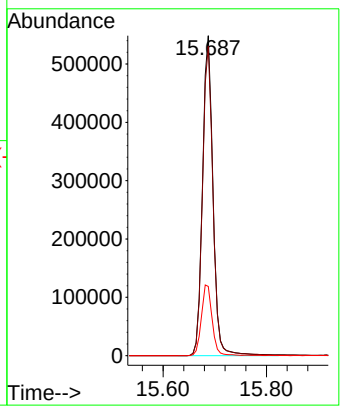


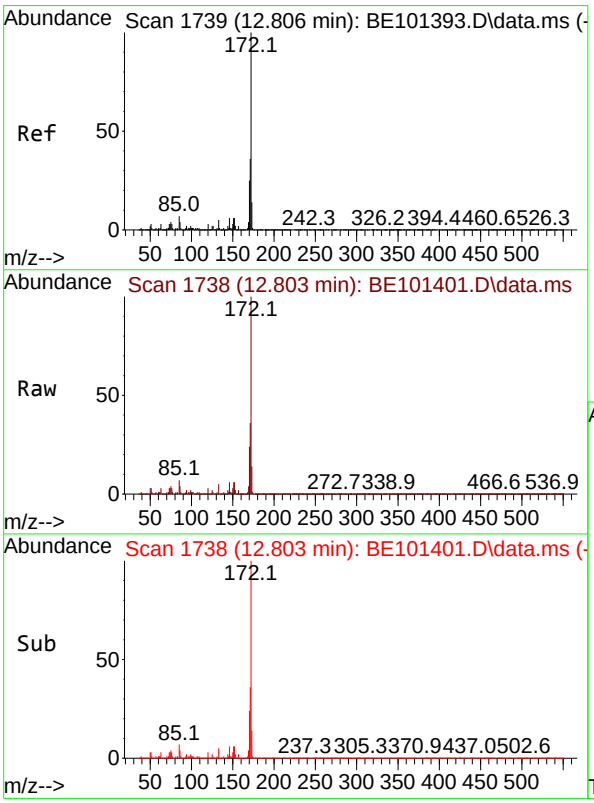
#42
2,4,6-Tribromophenol
Concen: 134.542 ng
RT: 15.687 min Scan# 2
Delta R.T. -0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

Instrument :
BNA_E
ClientSampleId :
PB164366BL

Tgt Ion:330 Resp: 772424

Ion	Ratio	Lower	Upper
330	100		
332	97.6	78.2	117.2
141	22.8	18.3	27.5

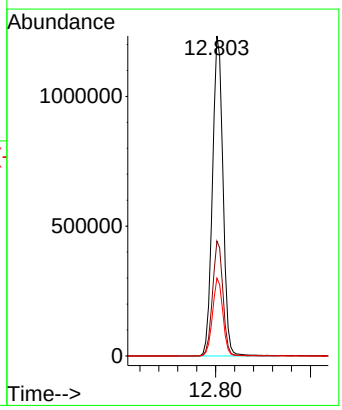


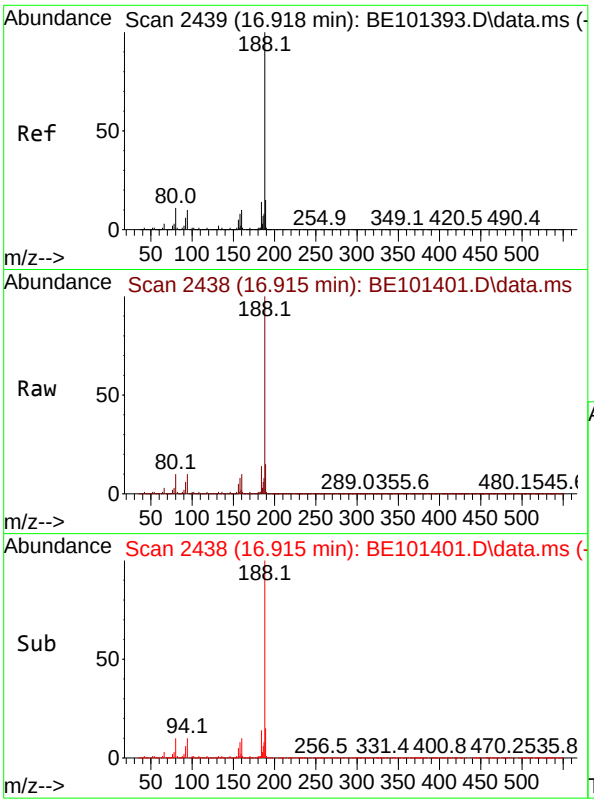


#45
2-Fluorobiphenyl
Concen: 98.402 ng
RT: 12.803 min Scan# 1738
Delta R.T. -0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

Tgt Ion:172 Resp: 1903287

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	24.3	19.8	29.6



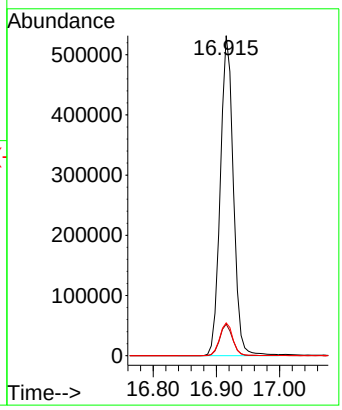


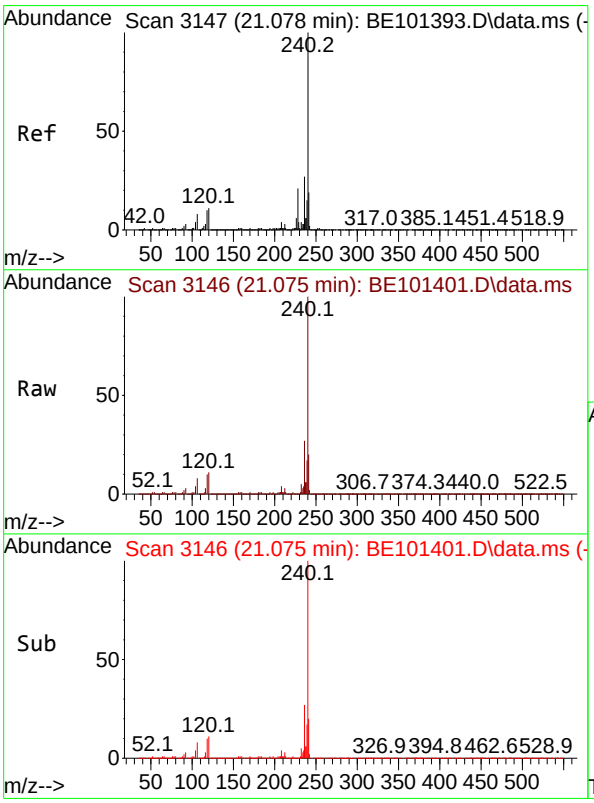
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.915 min Scan# 24
Delta R.T. -0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

Instrument :
BNA_E
ClientSampleId :
PB164366BL

Tgt Ion:188 Resp: 763097

Ion	Ratio	Lower	Upper
188	100		
94	9.9	7.8	11.8
80	10.3	8.6	12.8

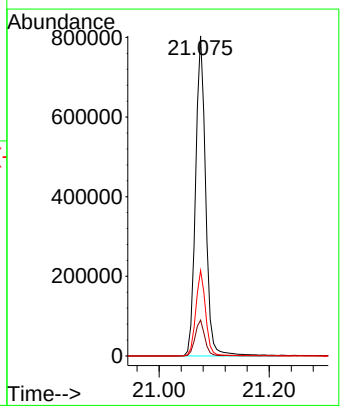


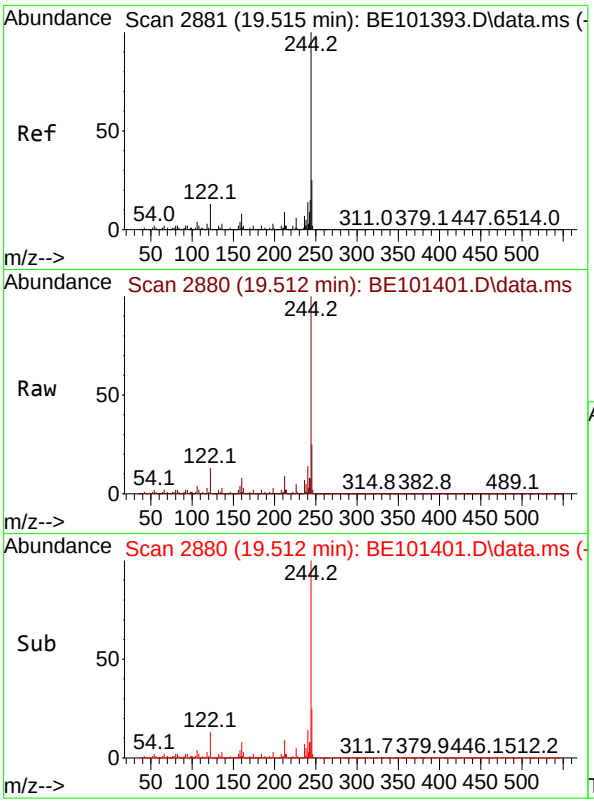


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.075 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

Tgt Ion:240 Resp: 1025624

Ion	Ratio	Lower	Upper
240	100		
120	11.2	9.0	13.4
236	26.7	21.4	32.0



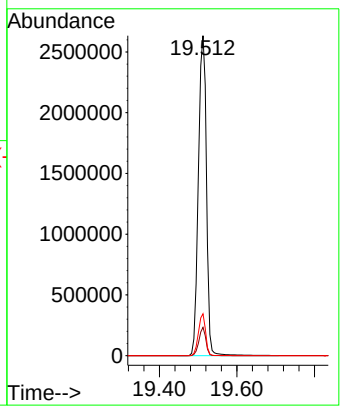


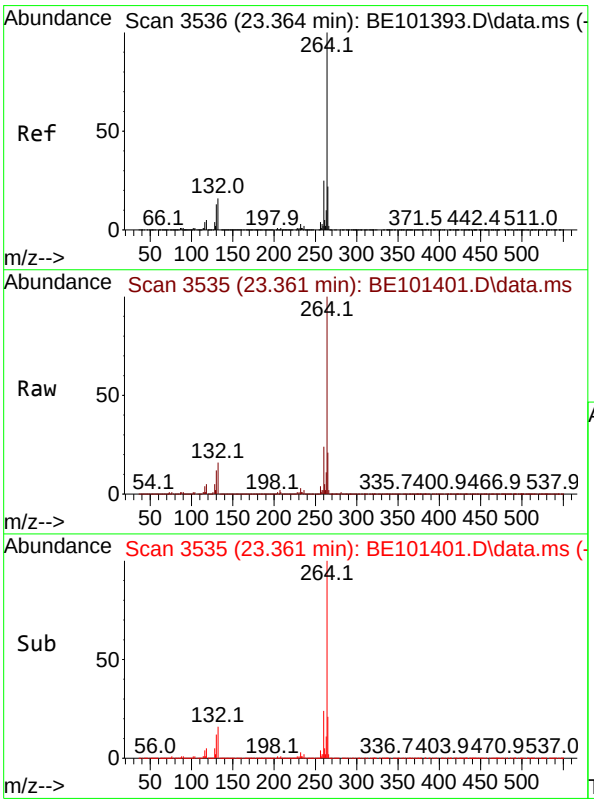
#79
Terphenyl-d14
Concen: 85.290 ng
RT: 19.512 min Scan# 2
Delta R.T. -0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

Instrument :
BNA_E
ClientSampleId :
PB164366BL

Tgt Ion:244 Resp: 3800702

Ion	Ratio	Lower	Upper
244	100		
212	8.8	7.2	10.8
122	13.1	10.4	15.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.361 min Scan# 3535
Delta R.T. -0.003 min
Lab File: BE101401.D
Acq: 29 Oct 2024 11:22

Tgt Ion:264 Resp: 1416022

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.8
265	21.5	17.6	26.4