Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111124\
Data File : BE101571.D
Acq On : 11 Nov 2024 14:33
Operator : RC/JU
Sample : P4795-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
LAW-23-00189

Quant Time: Nov 11 14:20:14 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	7.553	152	39706	20.000	ng	0.00
21) Naphthalene-d8	10.320	136	167207	20.000	ng	-0.01
39) Acenaphthene-d10	14.169	164	112501	20.000	ng	0.00
64) Phenanthrene-d10	16.901	188	270240	20.000	ng	-0.01
76) Chrysene-d12	21.067	240	338714	20.000	ng	-0.01
86) Perylene-d12	23.346	264	425347	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.309	112	368633	164.159	ng	0.00
7) Phenol-d6	6.936	99	423859	137.667	ng	-0.01
23) Nitrobenzene-d5	8.763	82	297927	112.546	ng	-0.01
42) 2,4,6-Tribromophenol	15.673	330	360088	170.099	ng	-0.01
45) 2-Fluorobiphenyl	12.788	172	720361	104.551	ng	-0.01
79) Terphenyl-d14	19.498	244	1819130	118.884	ng	0.00
Target Compounds						Qvalue

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

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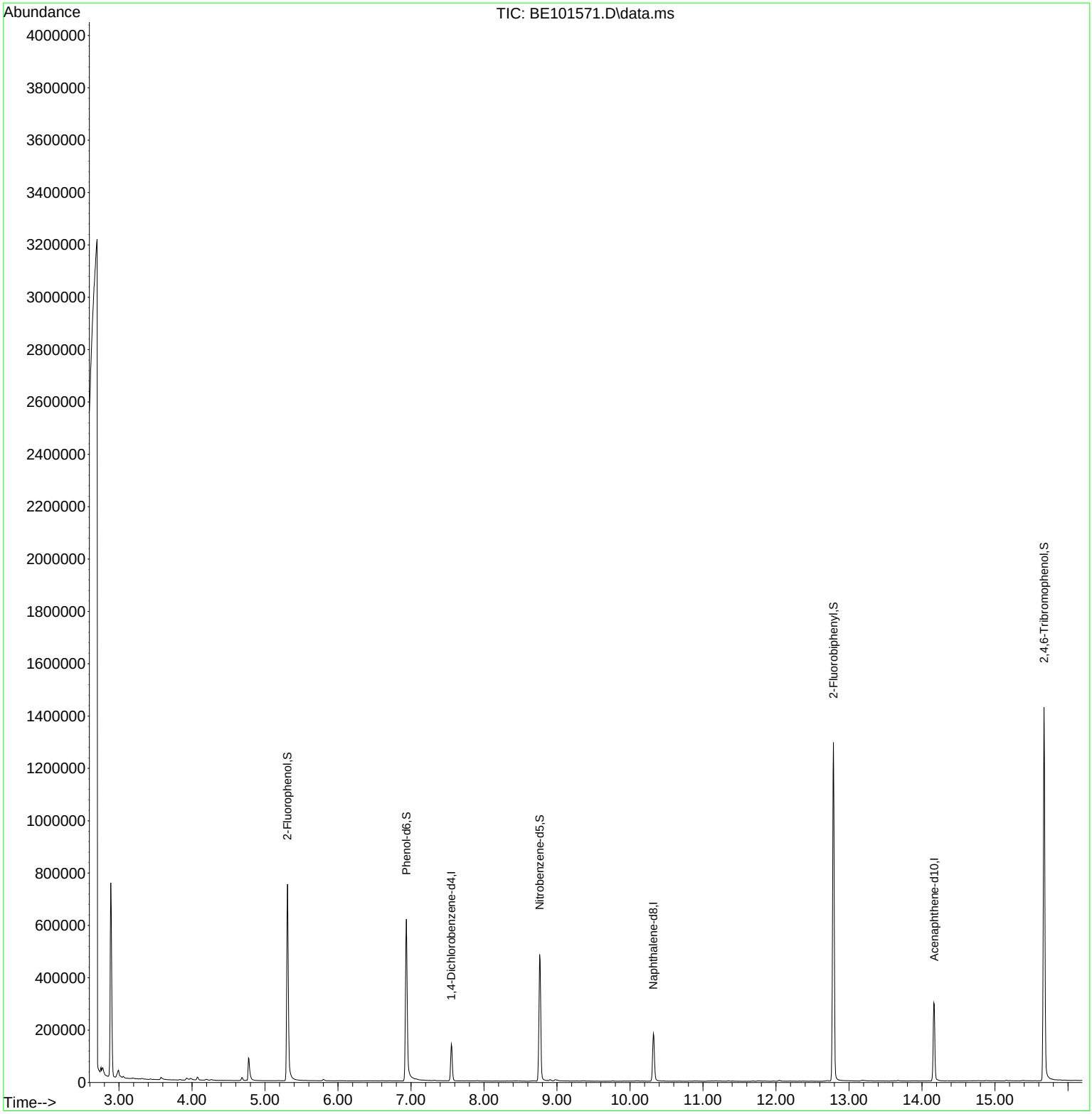

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE111124\
Data File : BE101571.D
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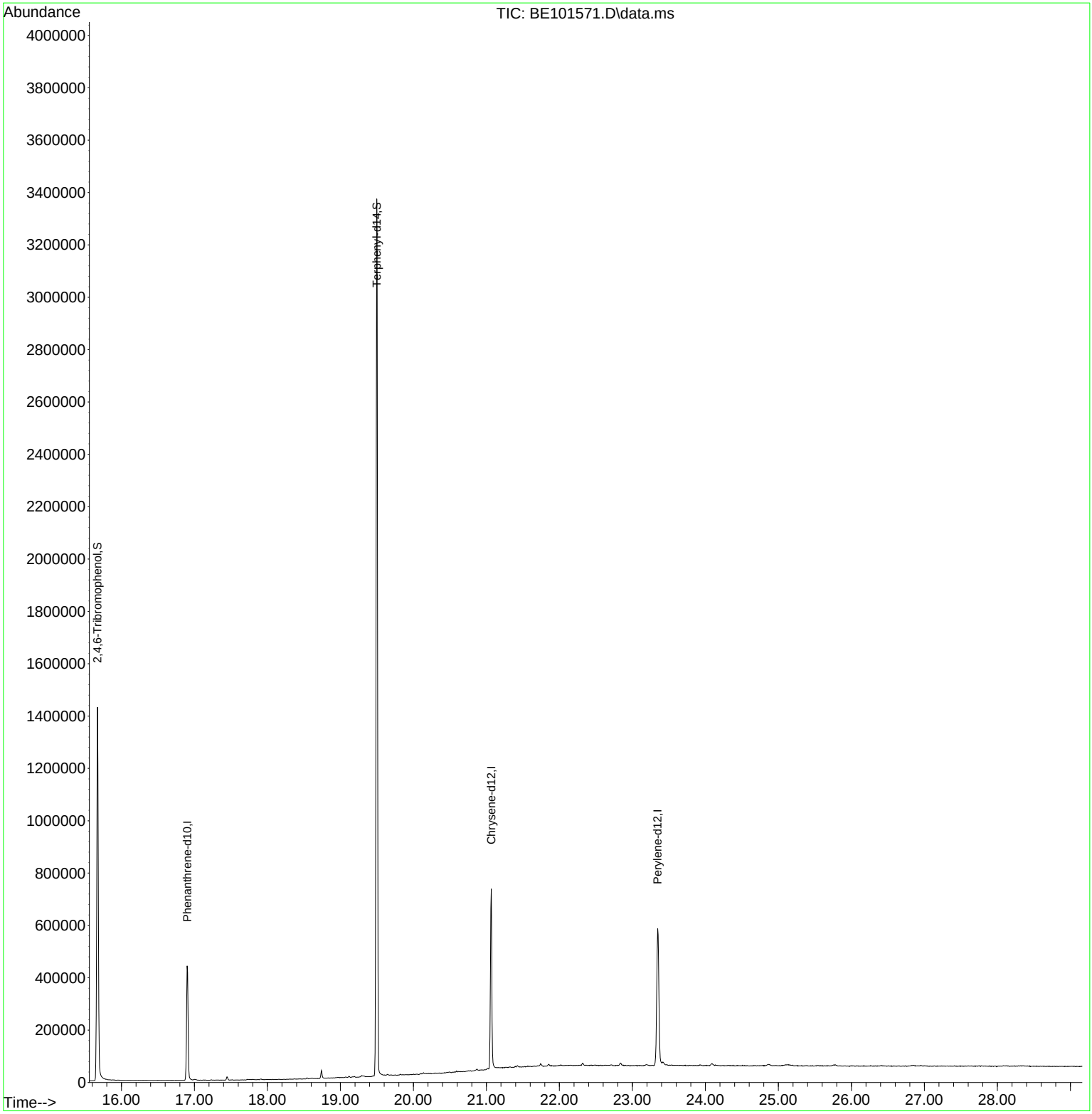
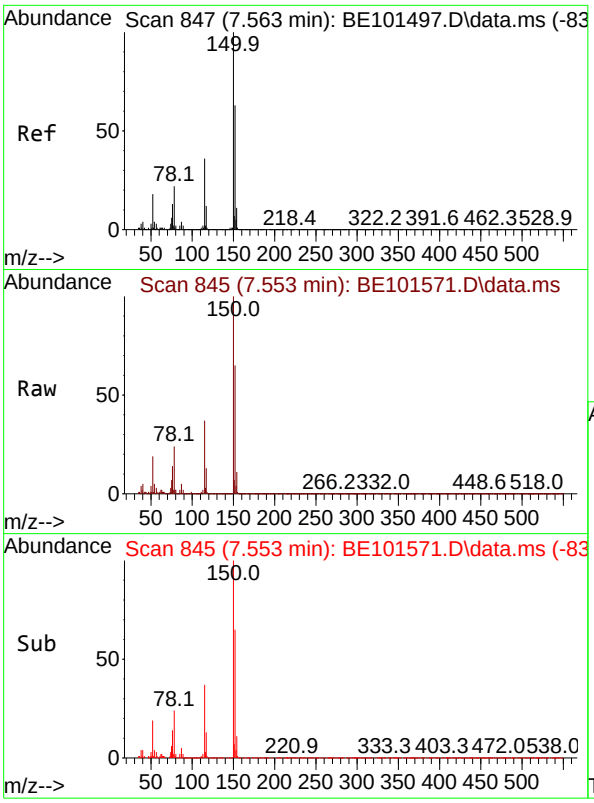


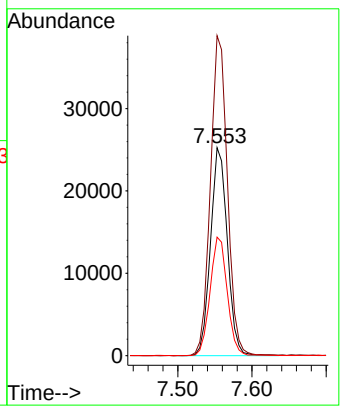


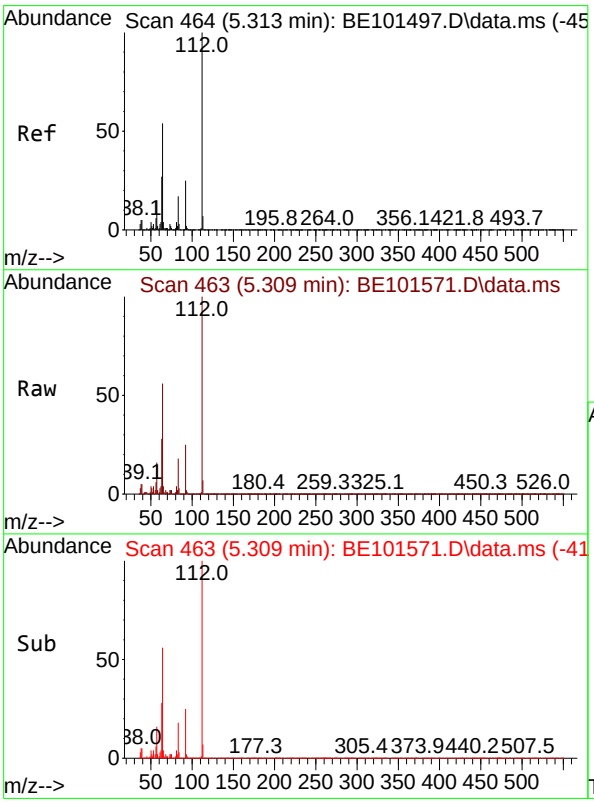
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.553 min Scan# 84
Delta R.T. -0.010 min
Lab File: BE101571.D
Acq: 11 Nov 2024 14:33

Instrument :
BNA_E
ClientSampleId :
LAW-23-00189

Tgt Ion:152 Resp: 39706

Ion	Ratio	Lower	Upper
152	100		
150	153.9	126.3	189.5
115	57.0	45.0	67.4

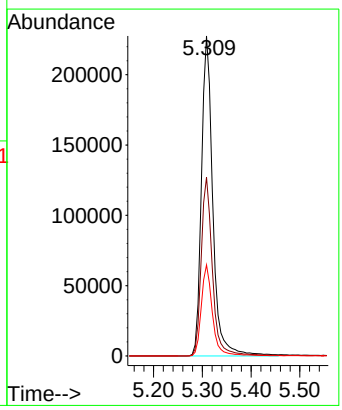


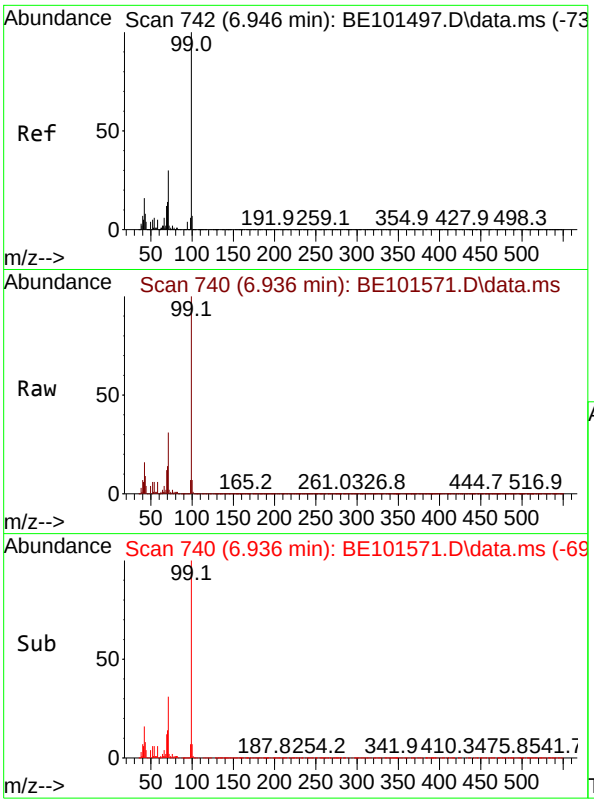


#5
2-Fluorophenol
Concen: 164.159 ng
RT: 5.309 min Scan# 463
Delta R.T. -0.004 min
Lab File: BE101571.D
Acq: 11 Nov 2024 14:33

Tgt Ion:112 Resp: 368633

Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.2	64.8
63	28.5	21.8	32.6



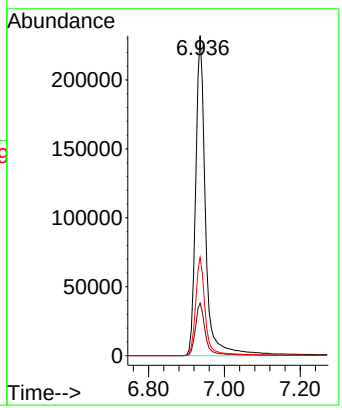


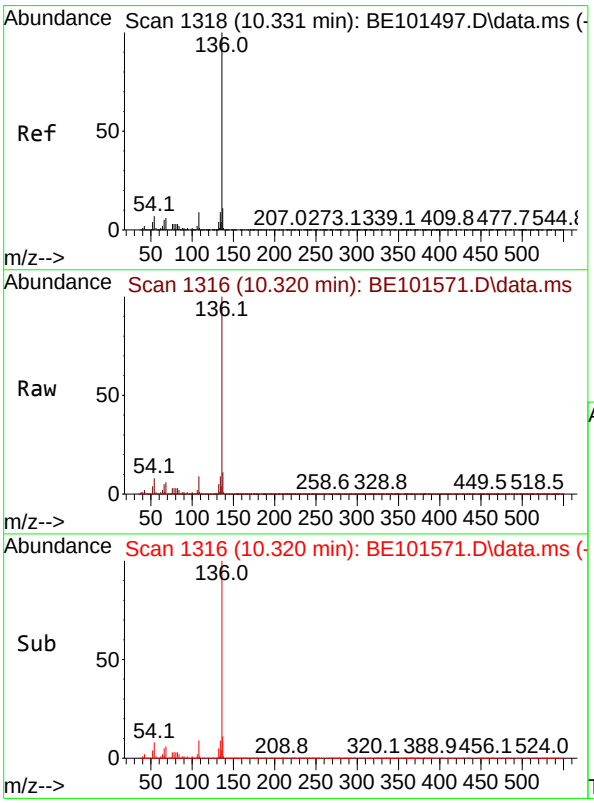
#7
Phenol-d6
Concen: 137.667 ng
RT: 6.936 min Scan# 74
Delta R.T. -0.010 min
Lab File: BE101571.D
Acq: 11 Nov 2024 14:33

Instrument :
BNA_E
ClientSampleId :
LAW-23-00189

Tgt Ion: 99 Resp: 423859

Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.5	18.7
71	30.6	24.2	36.2

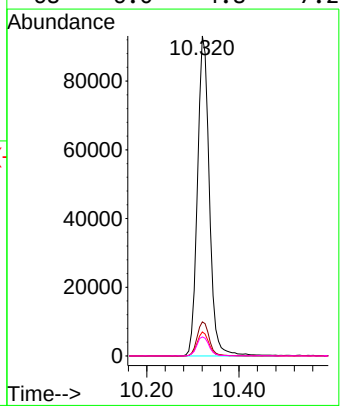


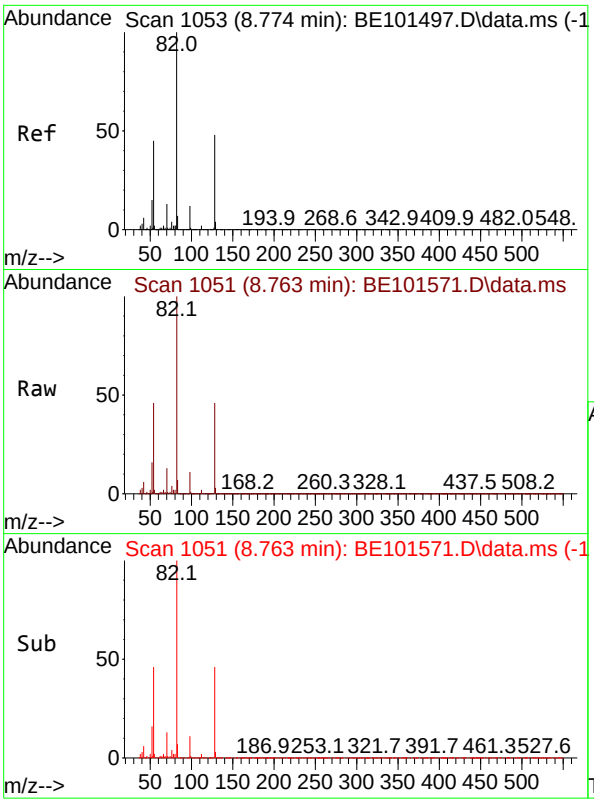


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.320 min Scan# 1316
Delta R.T. -0.010 min
Lab File: BE101571.D
Acq: 11 Nov 2024 14:33

Tgt Ion:136 Resp: 167207

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	7.5	5.6	8.4
68	6.0	4.8	7.2



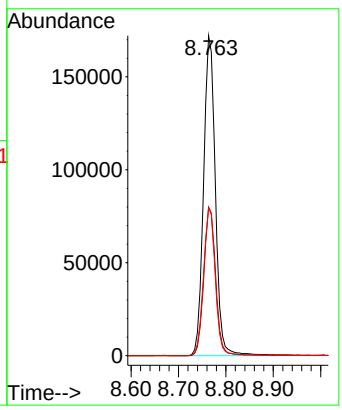


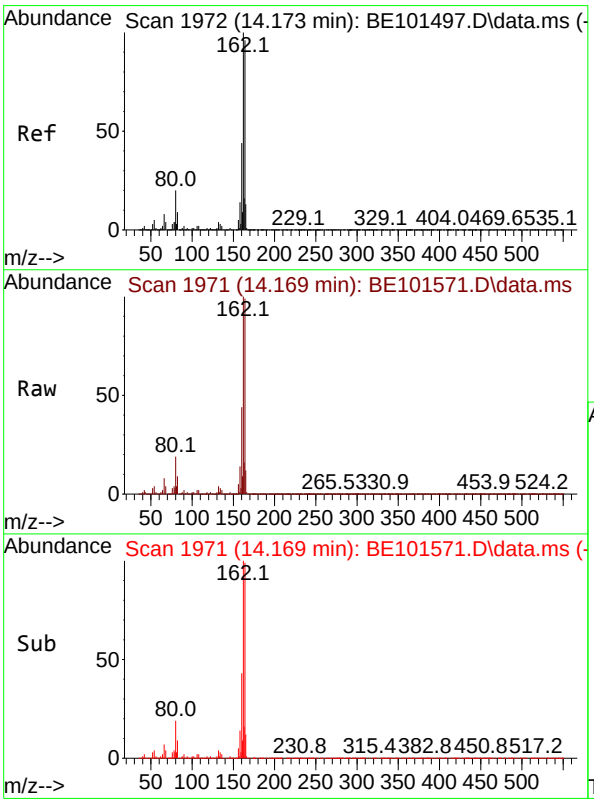
#23
Nitrobenzene-d5
Concen: 112.546 ng
RT: 8.763 min Scan# 1
Delta R.T. -0.010 min
Lab File: BE101571.D
Acq: 11 Nov 2024 14:33

Instrument :
BNA_E
ClientSampleId :
LAW-23-00189

Tgt Ion: 82 Resp: 297927

Ion	Ratio	Lower	Upper
82	100		
128	46.4	38.6	58.0
54	46.2	36.3	54.5

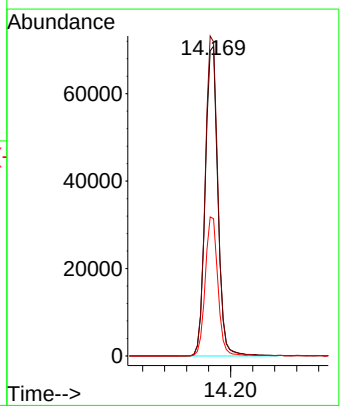


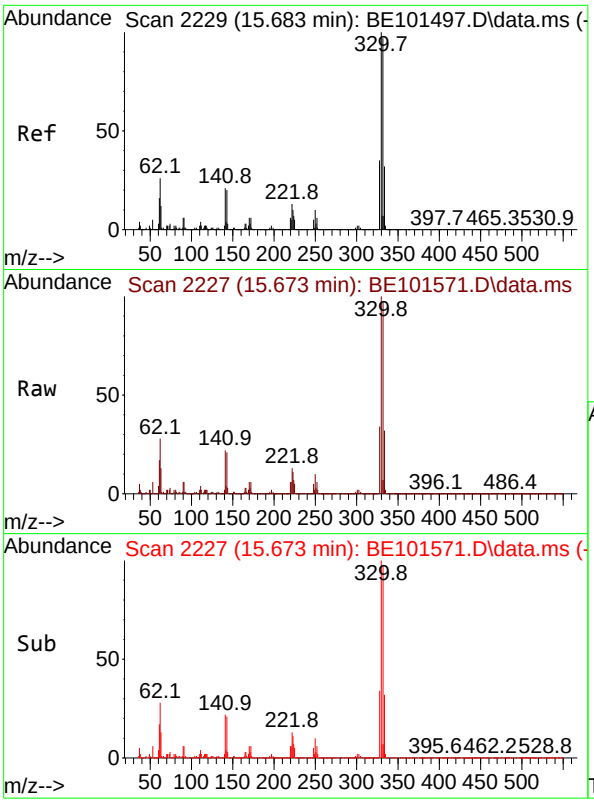


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.169 min Scan# 1971
Delta R.T. -0.004 min
Lab File: BE101571.D
Acq: 11 Nov 2024 14:33

Tgt Ion:164 Resp: 112501

Ion	Ratio	Lower	Upper
164	100		
162	101.4	83.7	125.5
160	44.3	37.1	55.7



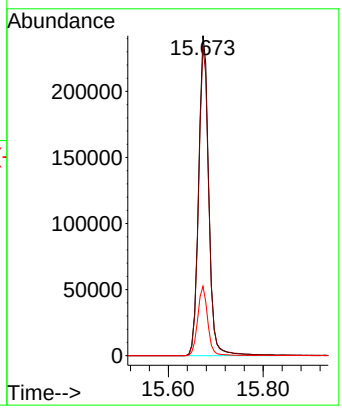


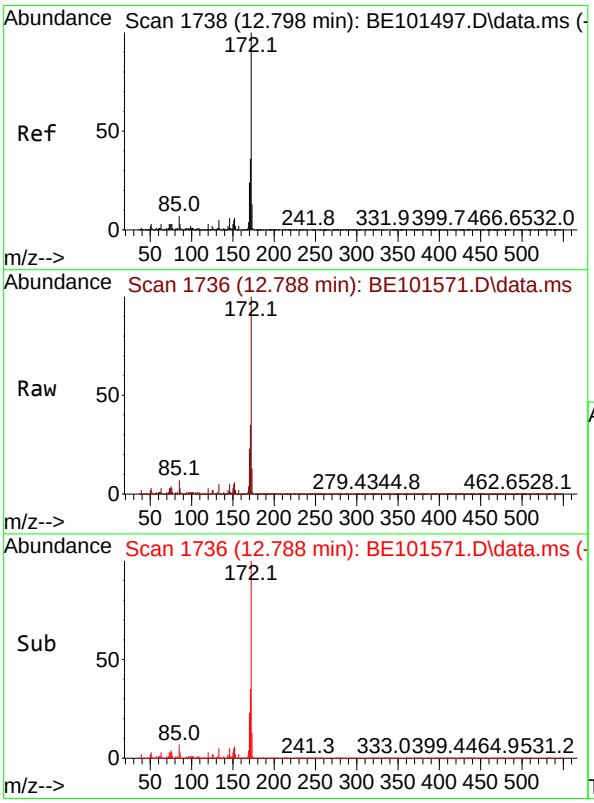
#42
2,4,6-Tribromophenol
Concen: 170.099 ng
RT: 15.673 min Scan# 2
Delta R.T. -0.010 min
Lab File: BE101571.D
Acq: 11 Nov 2024 14:33

Instrument :
BNA_E
ClientSampleId :
LAW-23-00189

Tgt Ion:330 Resp: 360088

Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.7	116.5
141	21.4	17.0	25.4

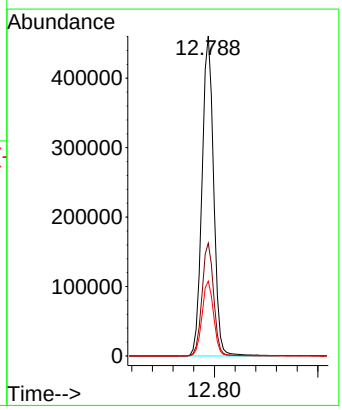


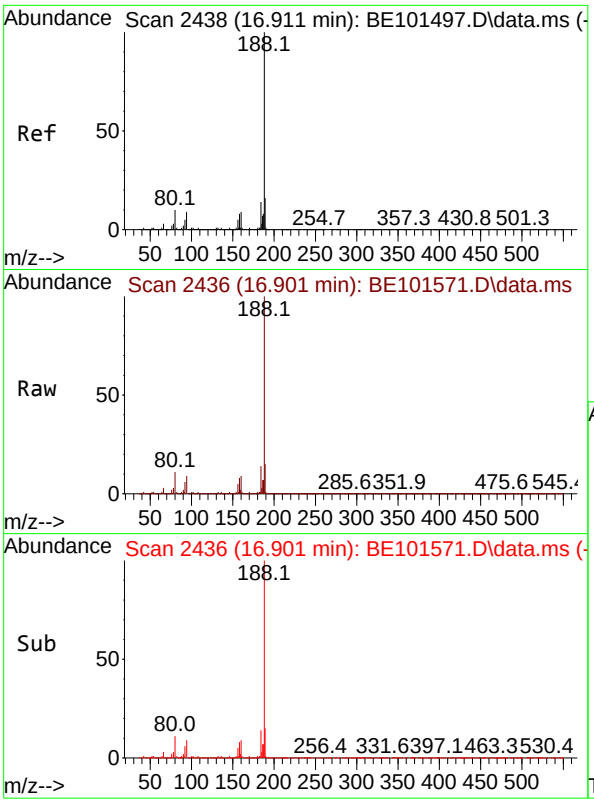


#45
2-Fluorobiphenyl
Concen: 104.551 ng
RT: 12.788 min Scan# 1736
Delta R.T. -0.010 min
Lab File: BE101571.D
Acq: 11 Nov 2024 14:33

Tgt Ion:172 Resp: 720361

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.3	18.9	28.3



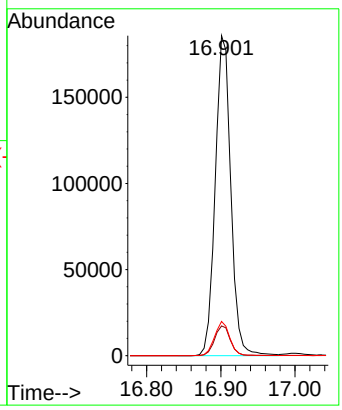


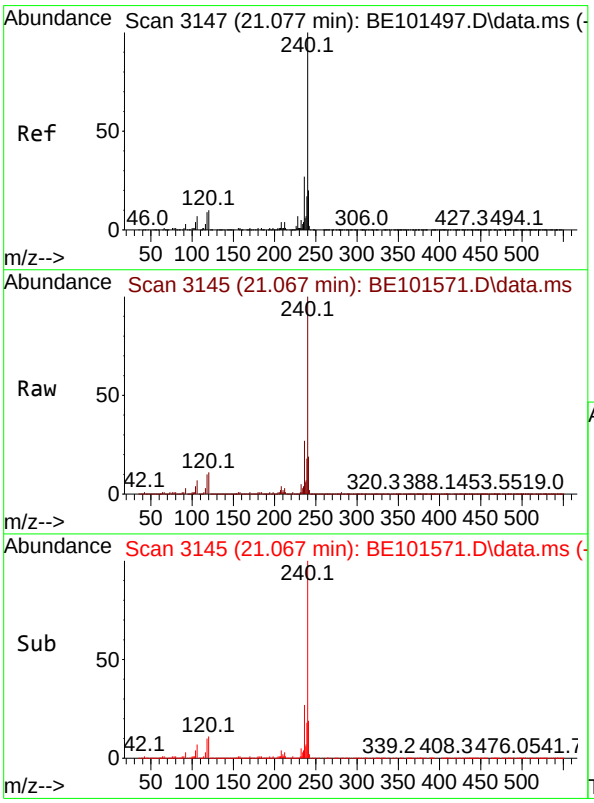
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.901 min Scan# 24
Delta R.T. -0.010 min
Lab File: BE101571.D
Acq: 11 Nov 2024 14:33

Instrument :
BNA_E
ClientSampleId :
LAW-23-00189

Tgt Ion:188 Resp: 270240

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.2
80	10.7	8.0	12.0

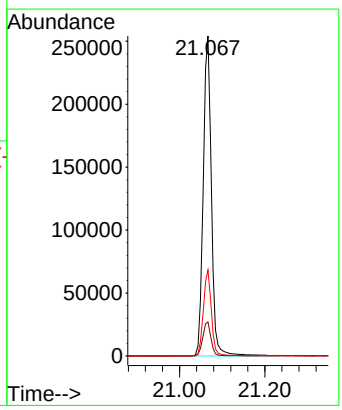


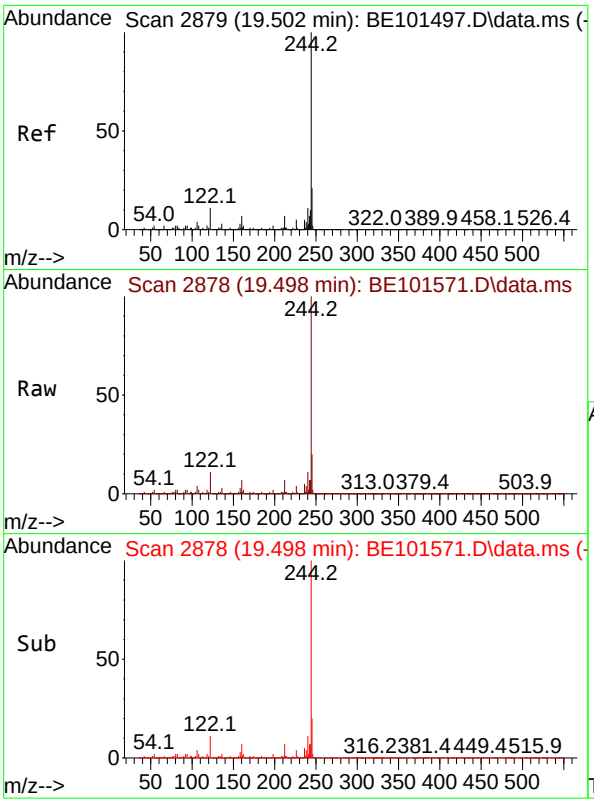


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.067 min Scan# 3145
Delta R.T. -0.010 min
Lab File: BE101571.D
Acq: 11 Nov 2024 14:33

Tgt Ion:240 Resp: 338714

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.2	12.4
236	26.9	21.4	32.2



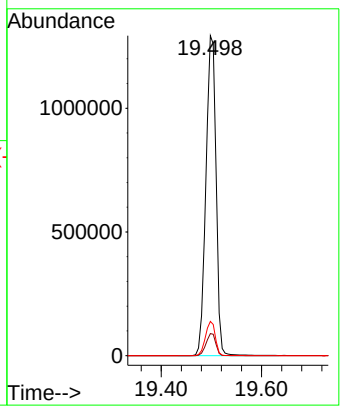


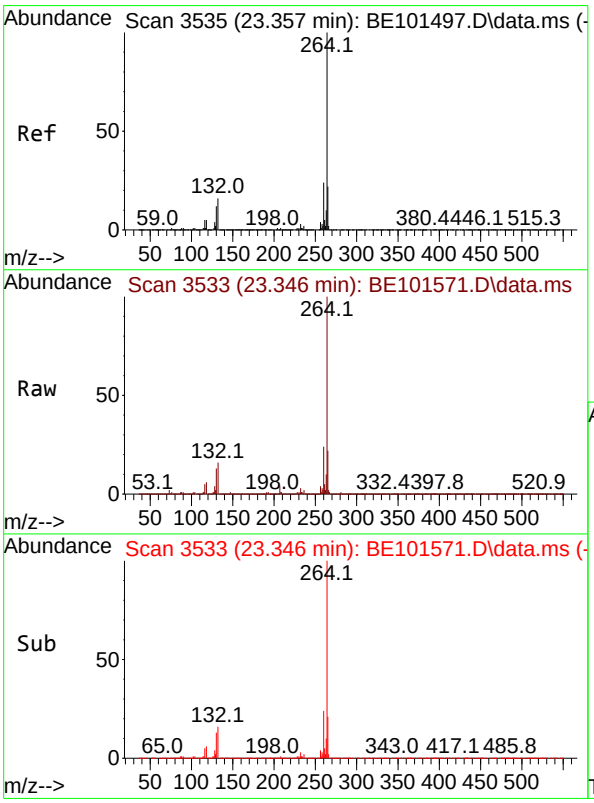
#79
Terphenyl-d14
Concen: 118.884 ng
RT: 19.498 min Scan# 2
Delta R.T. -0.004 min
Lab File: BE101571.D
Acq: 11 Nov 2024 14:33

Instrument :
BNA_E
ClientSampleId :
LAW-23-00189

Tgt Ion:244 Resp: 1819130

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.7	8.4	12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.346 min Scan# 3533
Delta R.T. -0.010 min
Lab File: BE101571.D
Acq: 11 Nov 2024 14:33

Tgt Ion:264 Resp: 425347

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.6	17.4	26.2