Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE103124\
Data File : BE101430.D
Acq On : 31 Oct 2024 13:26
Operator : RC/JU
Sample : P4616-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-F10

Quant Time: Oct 31 14:13:04 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	7.570	152	86789	20.000	ng	0.00
21) Naphthalene-d8	10.338	136	371426	20.000	ng	0.00
39) Acenaphthene-d10	14.174	164	259030	20.000	ng	0.00
64) Phenanthrene-d10	16.912	188	647880	20.000	ng	0.00
76) Chrysene-d12	21.072	240	910058	20.000	ng	0.00
86) Perylene-d12	23.363	264	1203516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	773415	156.188	ng	0.00
7) Phenol-d6	6.941	99	1007586	146.745	ng	0.00
23) Nitrobenzene-d5	8.781	82	567623	95.987	ng	0.00
42) 2,4,6-Tribromophenol	15.684	330	739758	162.944	ng	0.00
45) 2-Fluorobiphenyl	12.799	172	1452469	94.962	ng	0.00
79) Terphenyl-d14	19.509	244	3559211	90.013	ng	0.00
Target Compounds						Qvalue

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

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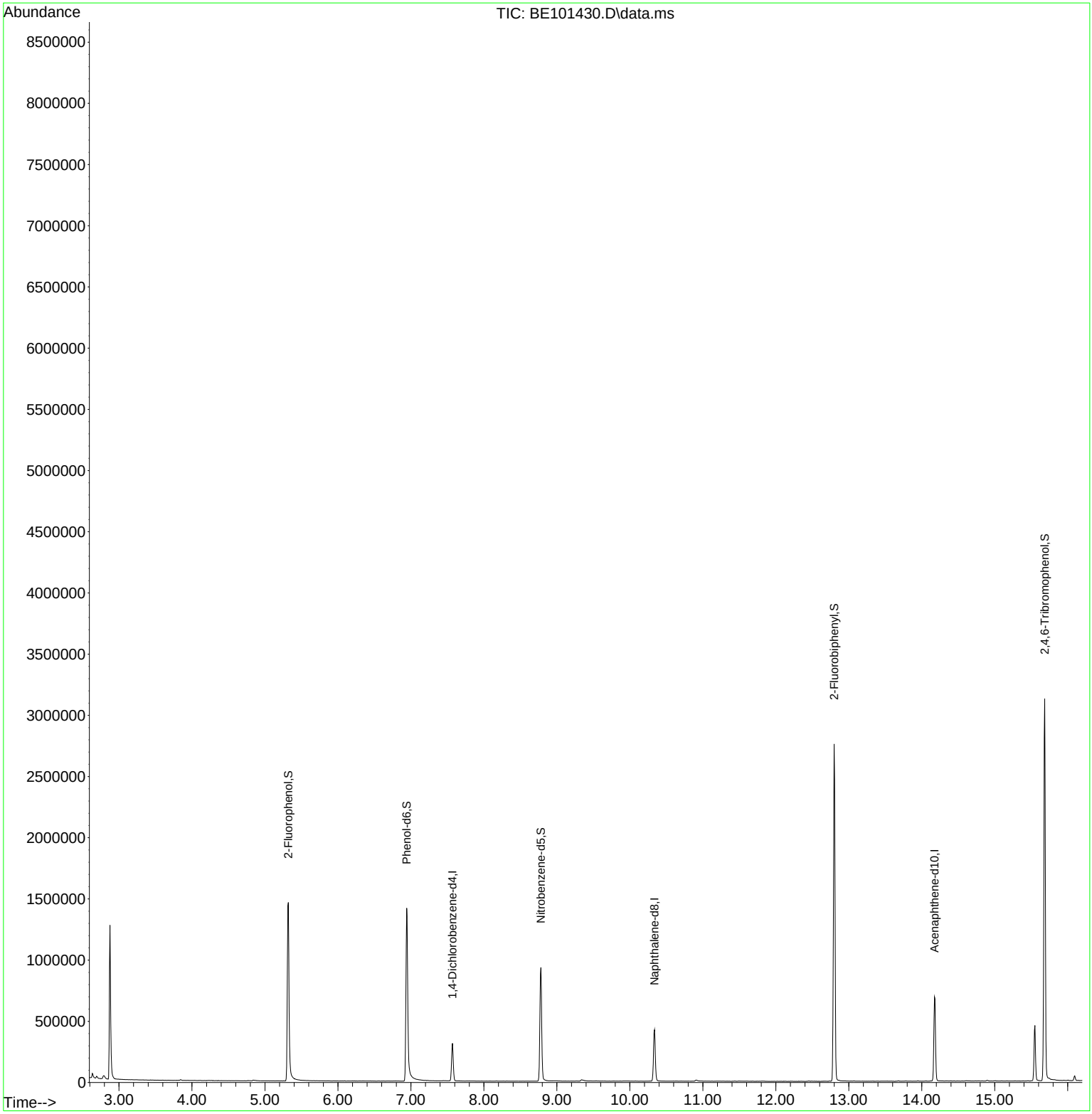

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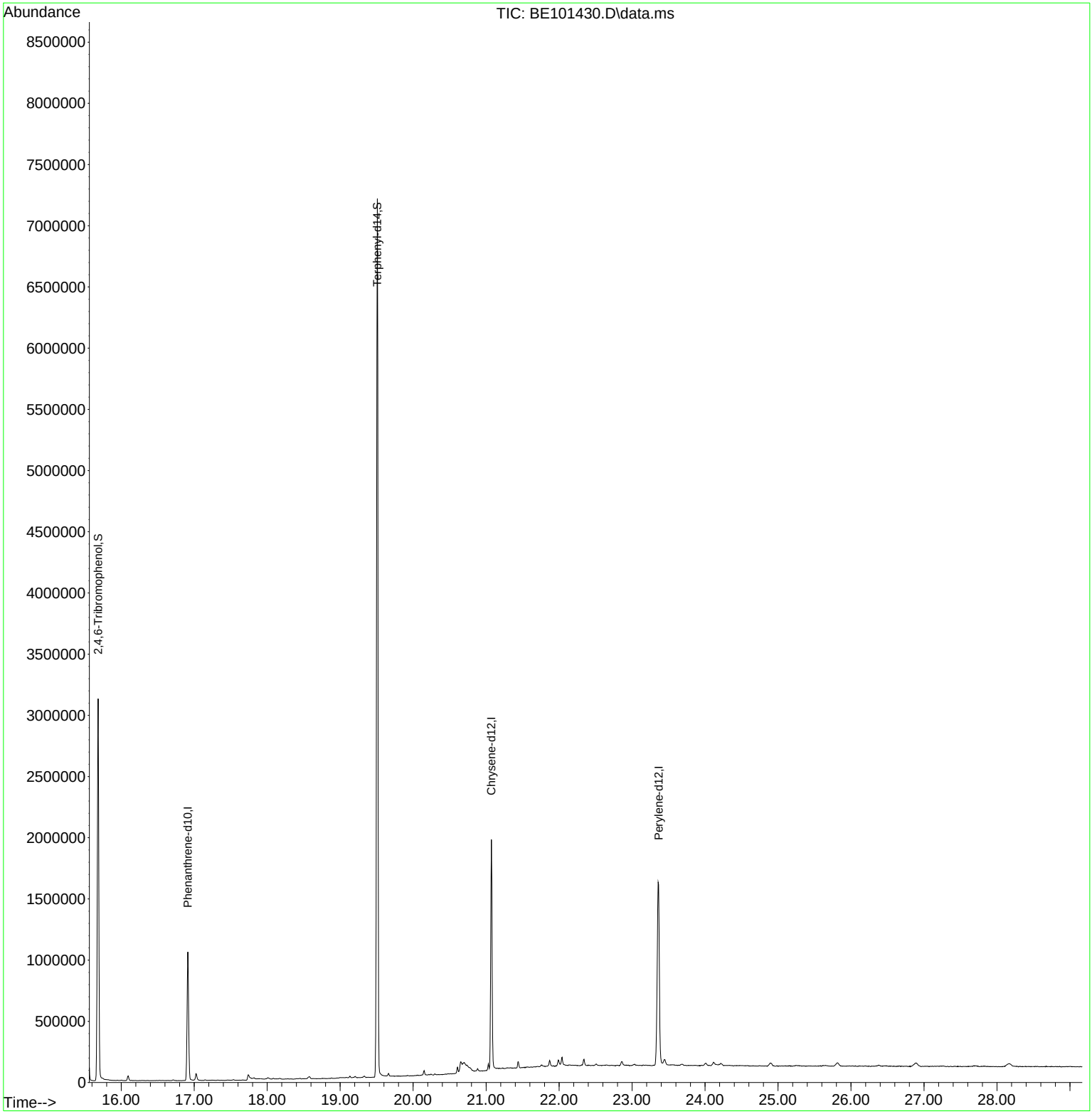
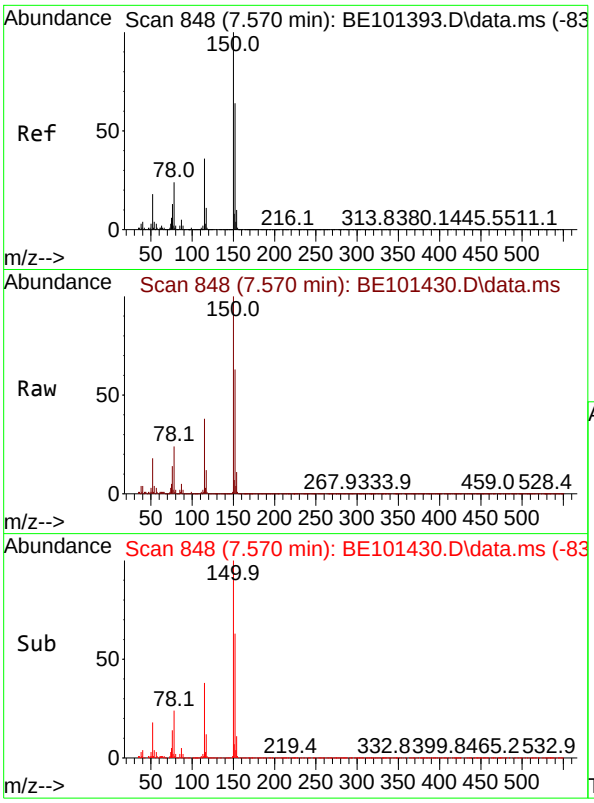


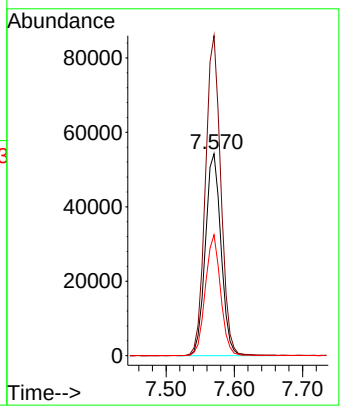


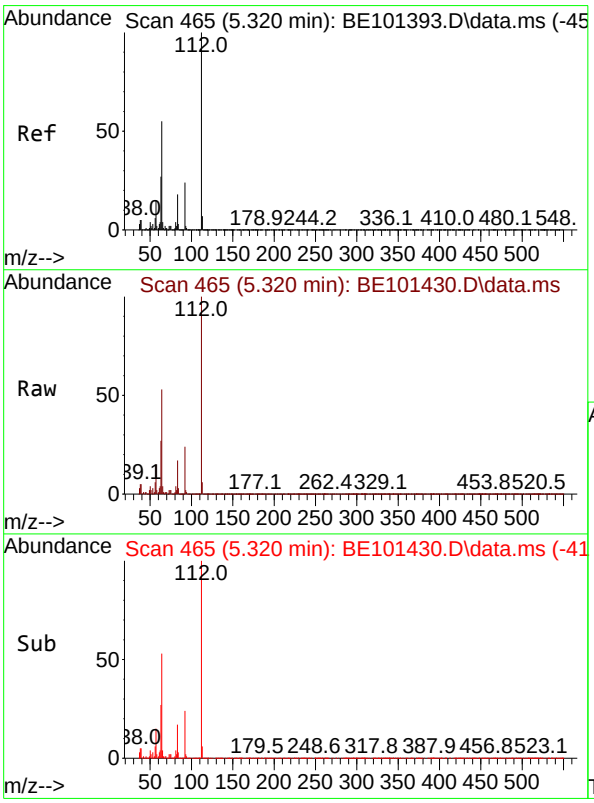
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.570 min Scan# 84
Delta R.T. 0.000 min
Lab File: BE101430.D
Acq: 31 Oct 2024 13:26

Instrument :
BNA_E
ClientSampleId :
BP-F10

Tgt Ion:152 Resp: 86789

Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.2	186.4
115	59.9	45.3	67.9

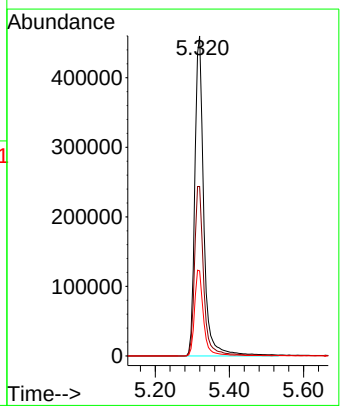


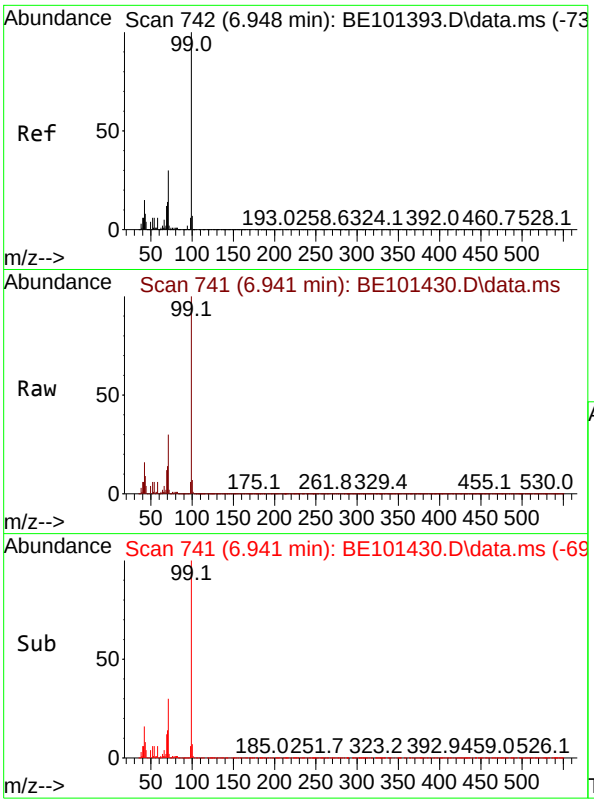


#5
2-Fluorophenol
Concen: 156.188 ng
RT: 5.320 min Scan# 465
Delta R.T. -0.000 min
Lab File: BE101430.D
Acq: 31 Oct 2024 13:26

Tgt Ion:112 Resp: 773415

Ion	Ratio	Lower	Upper
112	100		
64	52.9	43.7	65.5
63	26.6	21.4	32.2



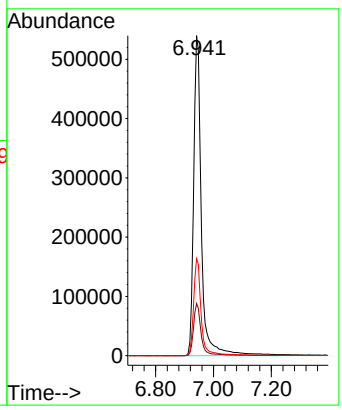


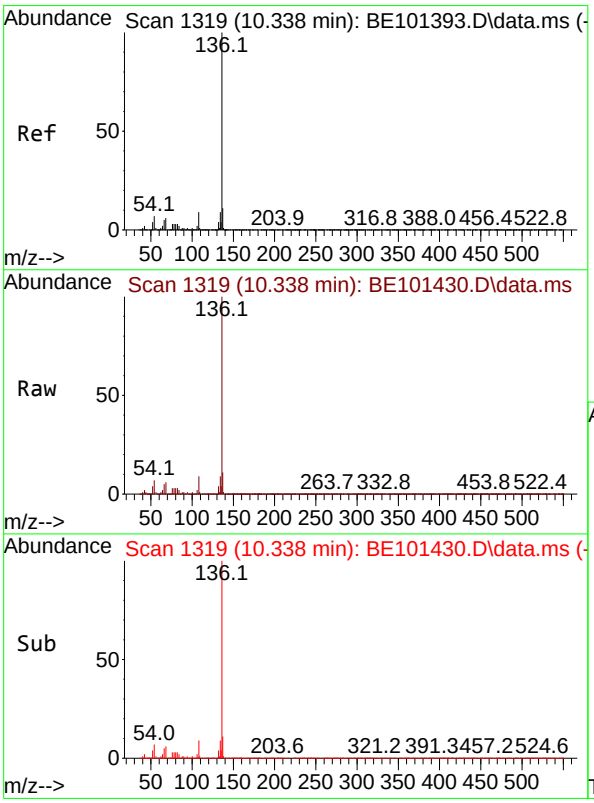
#7
Phenol-d6
Concen: 146.745 ng
RT: 6.941 min Scan# 7
Delta R.T. -0.006 min
Lab File: BE101430.D
Acq: 31 Oct 2024 13:26

Instrument :
BNA_E
ClientSampleId :
BP-F10

Tgt Ion: 99 Resp: 1007586

Ion	Ratio	Lower	Upper
99	100		
42	16.3	12.3	18.5
71	30.3	23.8	35.8

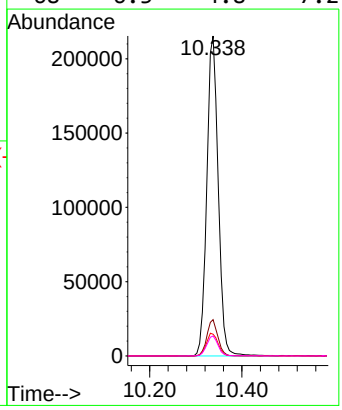


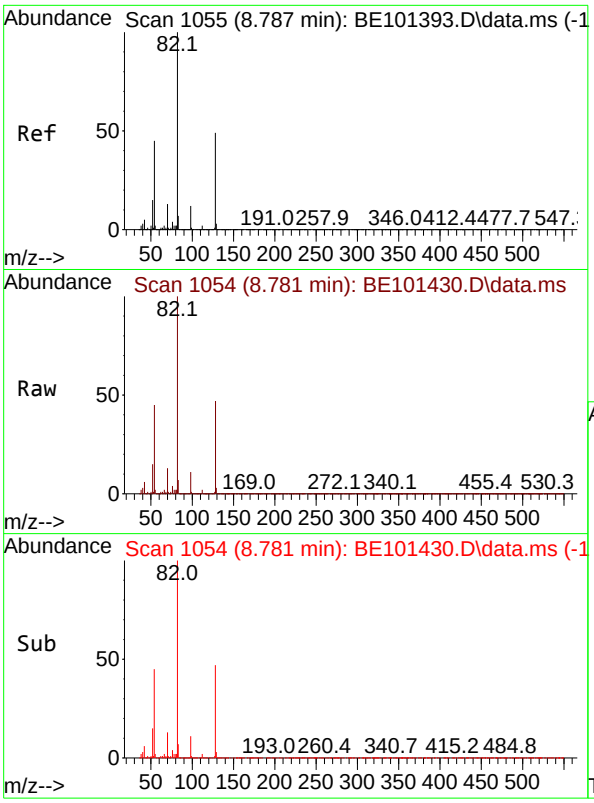


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.338 min Scan# 1319
Delta R.T. -0.000 min
Lab File: BE101430.D
Acq: 31 Oct 2024 13:26

Tgt Ion:136 Resp: 371426

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	6.8	5.9	8.9
68	6.3	4.8	7.2



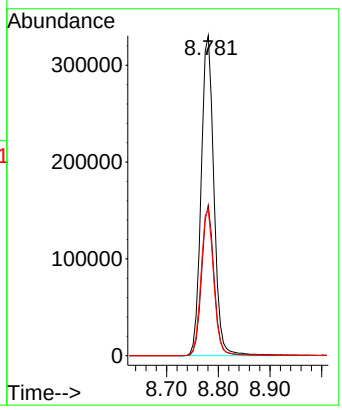


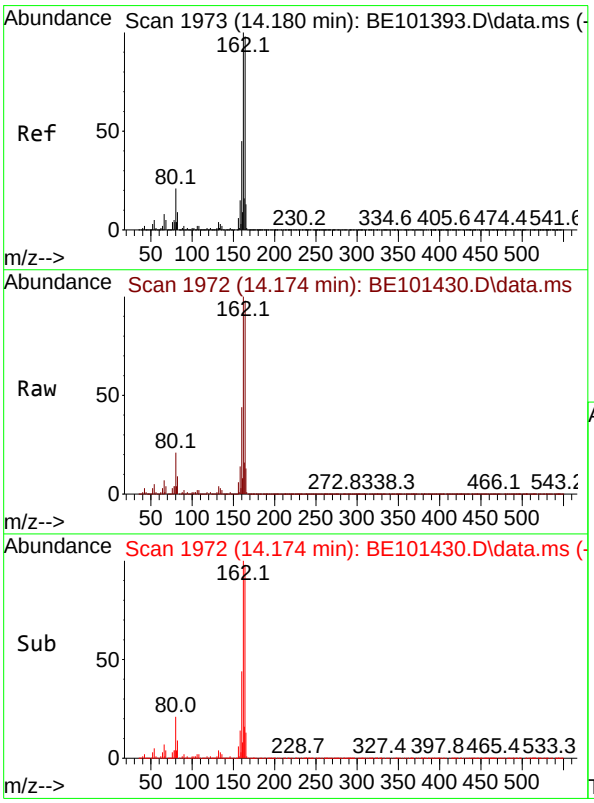
#23
Nitrobenzene-d5
Concen: 95.987 ng
RT: 8.781 min Scan# 1
Delta R.T. -0.006 min
Lab File: BE101430.D
Acq: 31 Oct 2024 13:26

Instrument :
BNA_E
ClientSampleId :
BP-F10

Tgt Ion: 82 Resp: 567623

Ion	Ratio	Lower	Upper
82	100		
128	47.0	38.9	58.3
54	45.4	36.2	54.4

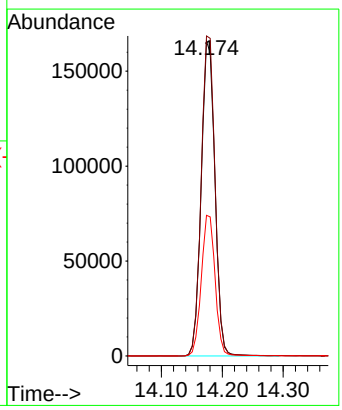


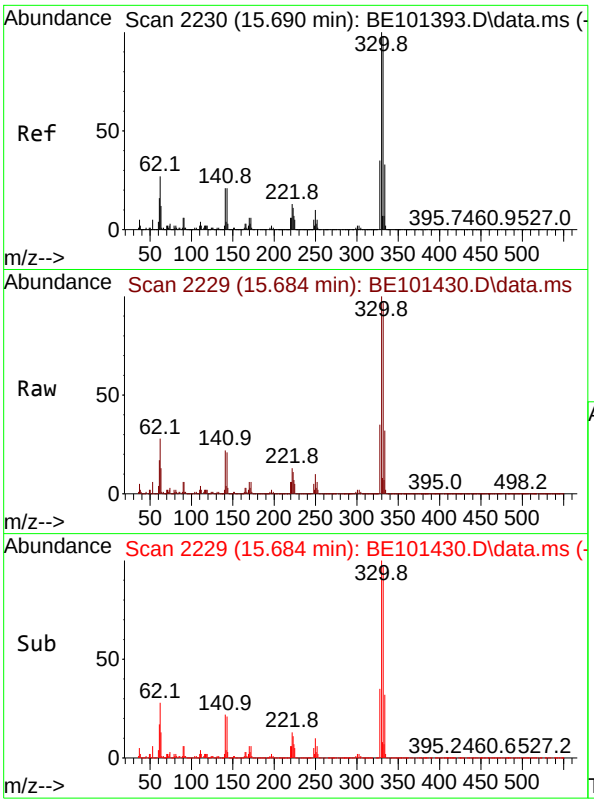


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.174 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BE101430.D
Acq: 31 Oct 2024 13:26

Tgt Ion:164 Resp: 259030

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.3	121.9
160	44.7	36.4	54.6



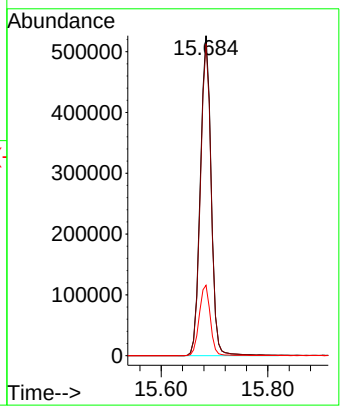


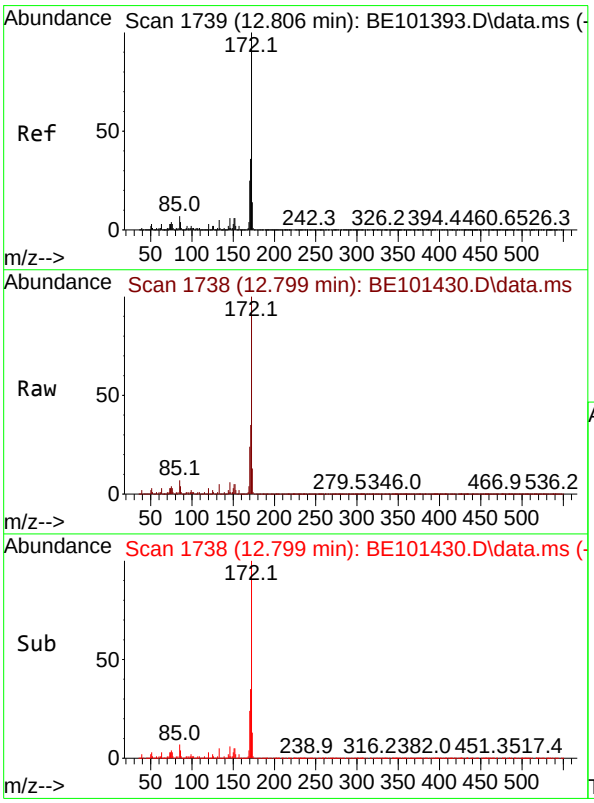
#42
2,4,6-Tribromophenol
Concen: 162.944 ng
RT: 15.684 min Scan# 2
Delta R.T. -0.006 min
Lab File: BE101430.D
Acq: 31 Oct 2024 13:26

Instrument :
BNA_E
ClientSampleId :
BP-F10

Tgt Ion:330 Resp: 739758

Ion	Ratio	Lower	Upper
330	100		
332	97.4	78.2	117.2
141	22.6	18.3	27.5

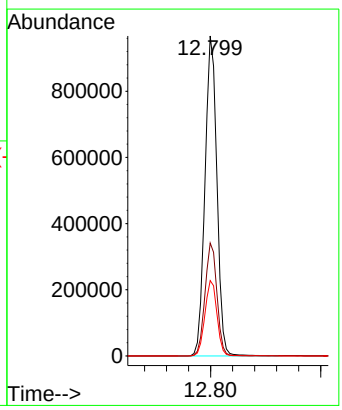


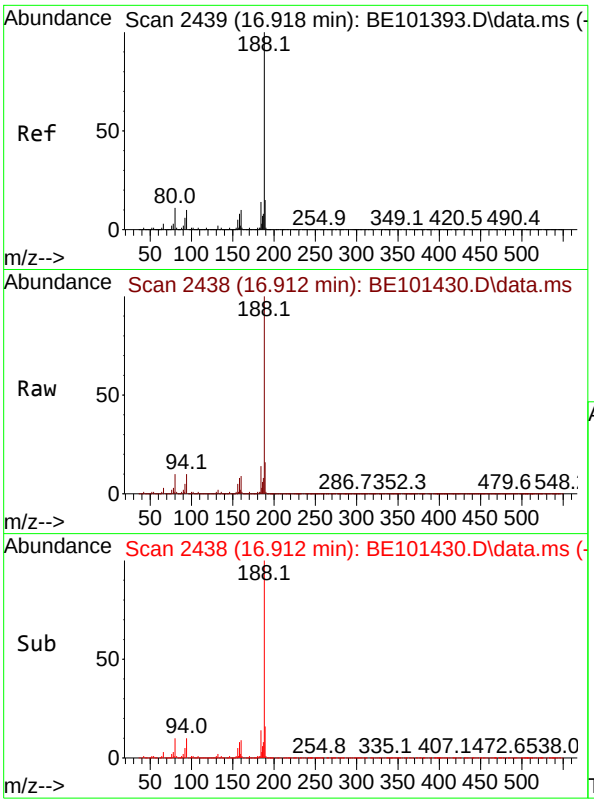


#45
2-Fluorobiphenyl
Concen: 94.962 ng
RT: 12.799 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BE101430.D
Acq: 31 Oct 2024 13:26

Tgt Ion:172 Resp: 1452469

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.2	43.8
170	23.6	19.8	29.6



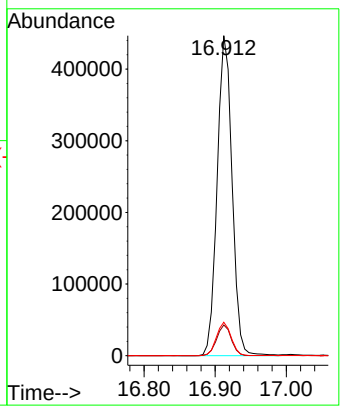


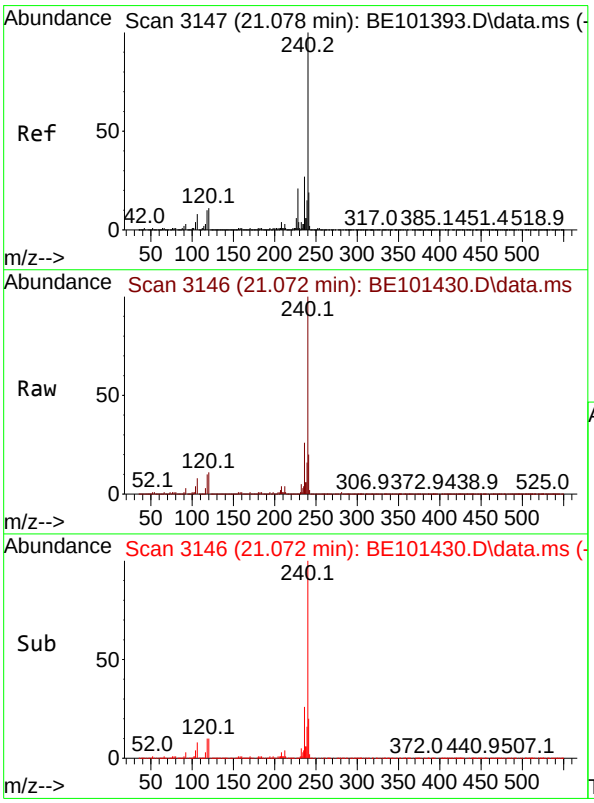
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.912 min Scan# 24
Delta R.T. -0.006 min
Lab File: BE101430.D
Acq: 31 Oct 2024 13:26

Instrument :
BNA_E
ClientSampleId :
BP-F10

Tgt Ion:188 Resp: 647880

Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.8	11.8
80	10.4	8.6	12.8

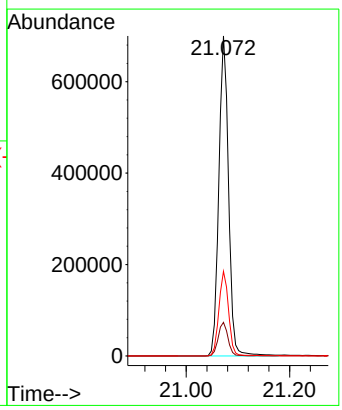


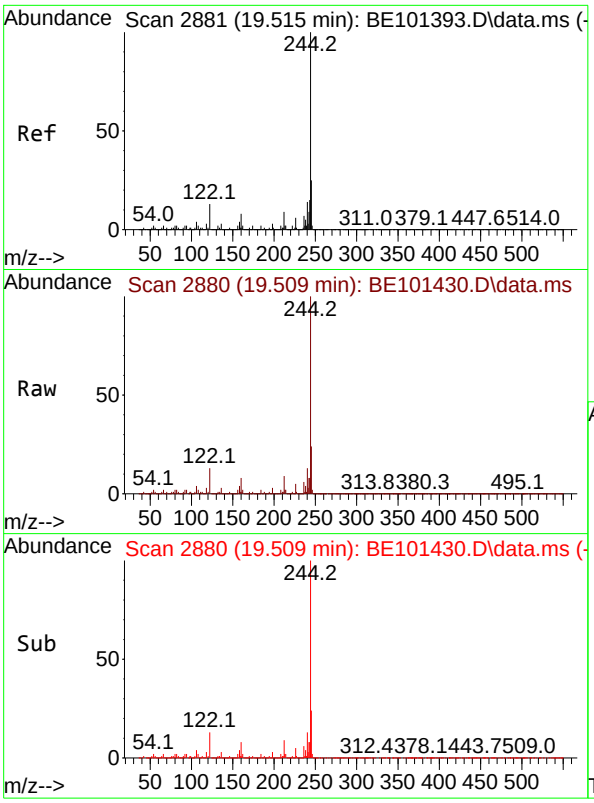


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.072 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BE101430.D
Acq: 31 Oct 2024 13:26

Tgt Ion:240 Resp: 910058

Ion	Ratio	Lower	Upper
240	100		
120	10.5	9.0	13.4
236	26.5	21.4	32.0



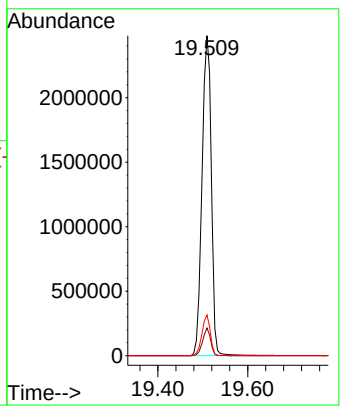


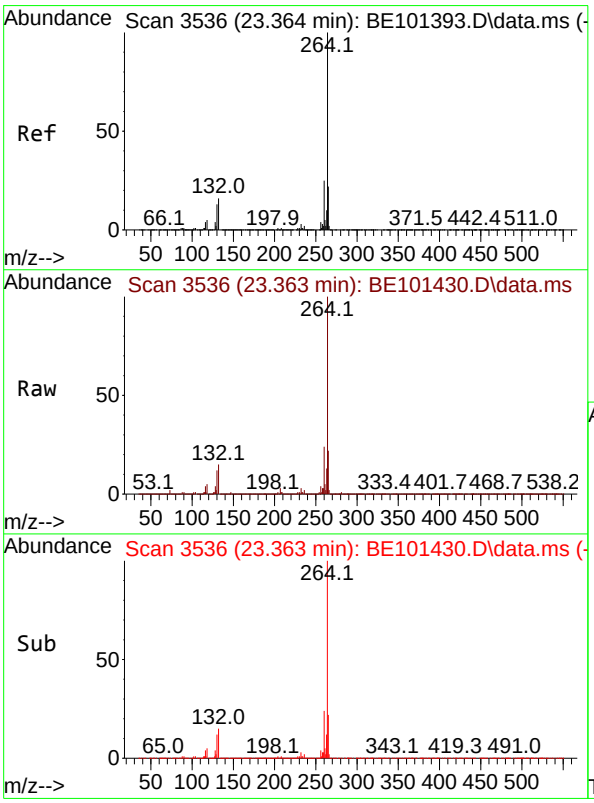
#79
Terphenyl-d14
Concen: 90.013 ng
RT: 19.509 min Scan# 2
Delta R.T. -0.006 min
Lab File: BE101430.D
Acq: 31 Oct 2024 13:26

Instrument :
BNA_E
ClientSampleId :
BP-F10

Tgt Ion:244 Resp: 3559211

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.2	10.8
122	12.8	10.4	15.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.363 min Scan# 3536
Delta R.T. -0.000 min
Lab File: BE101430.D
Acq: 31 Oct 2024 13:26

Tgt Ion:264 Resp: 1203516

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.8
265	21.7	17.6	26.4