Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
Data File : BE101512.D
Acq On : 7 Nov 2024 1:14
Operator : RC/JU
Sample : P4659-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
MH-2

Quant Time: Nov 07 01:54:18 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	7.560	152	47980	20.000	ng	0.00
21) Naphthalene-d8	10.328	136	196757	20.000	ng	0.00
39) Acenaphthene-d10	14.164	164	127350	20.000	ng	0.00
64) Phenanthrene-d10	16.908	188	321187	20.000	ng	0.00
76) Chrysene-d12	21.068	240	413234	20.000	ng	0.00
86) Perylene-d12	23.348	264	236116	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	477934	176.130	ng	0.00
7) Phenol-d6	6.937	99	553475	148.765	ng	0.00
23) Nitrobenzene-d5	8.771	82	375020	120.393	ng	0.00
42) 2,4,6-Tribromophenol	15.680	330	450881	188.154	ng	0.00
45) 2-Fluorobiphenyl	12.789	172	923860	118.451	ng	0.00
79) Terphenyl-d14	19.499	244	2268510	121.517	ng	0.00
Target Compounds						Qvalue

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

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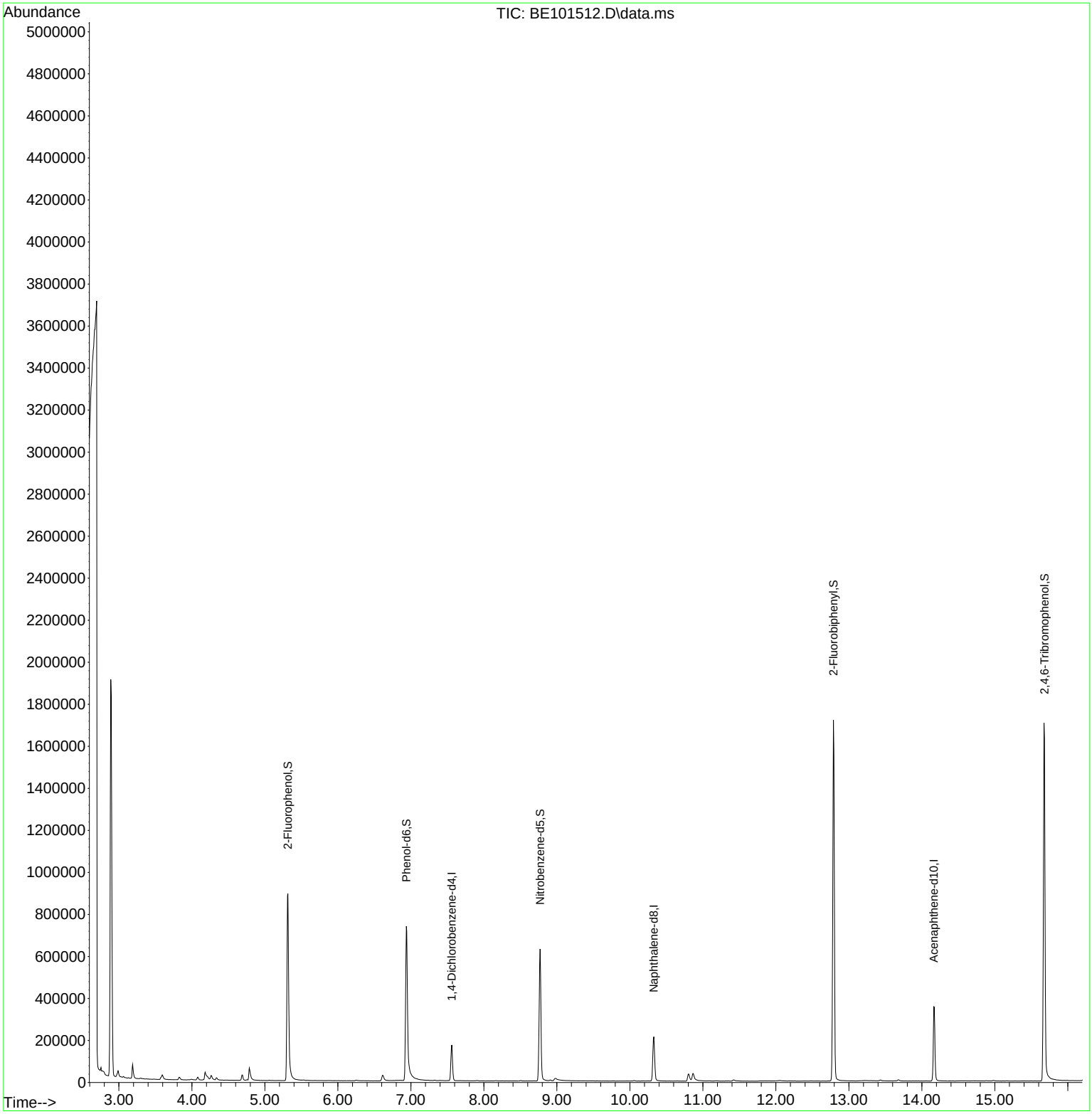

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
Data File : BE101512.D
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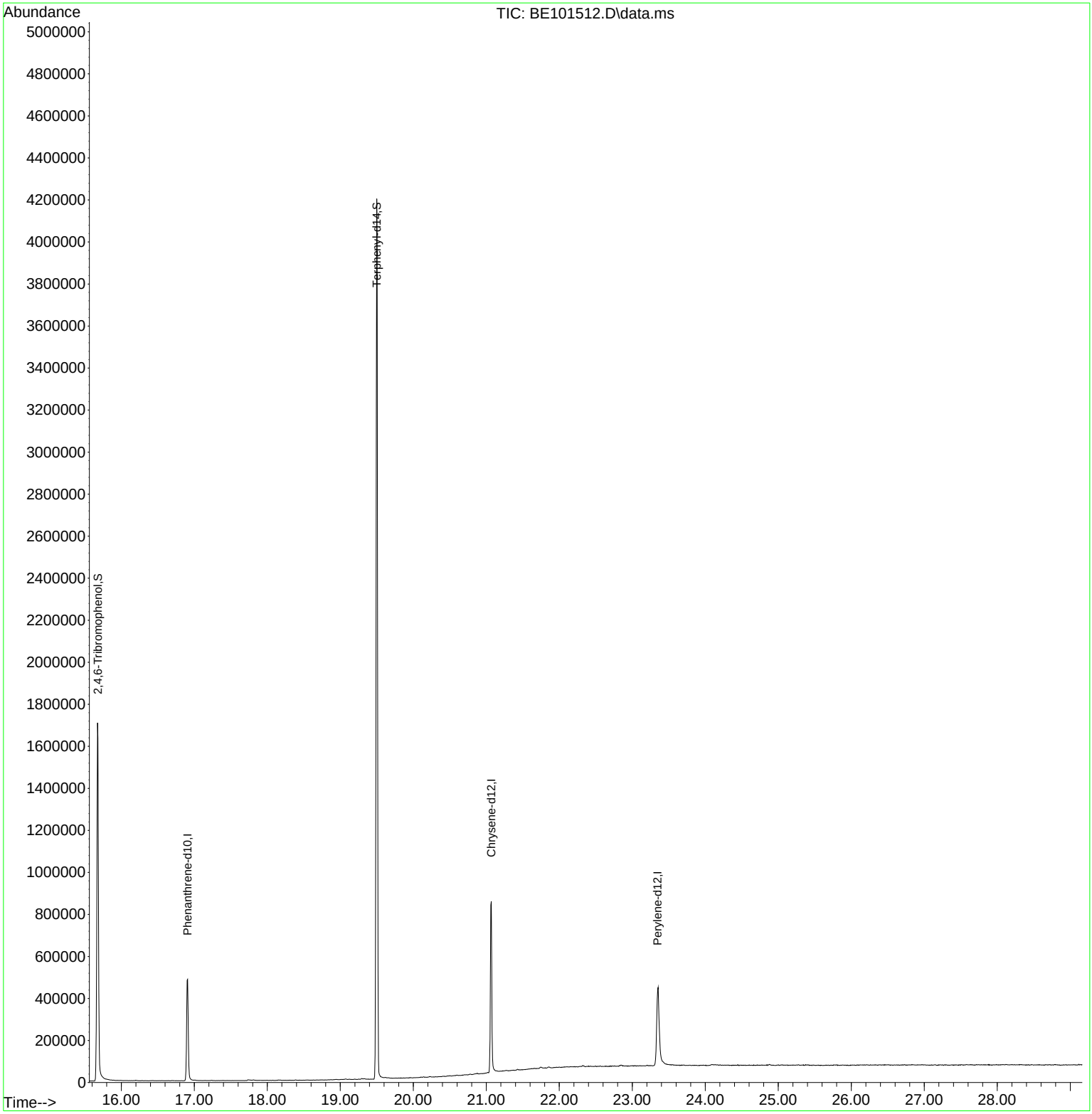
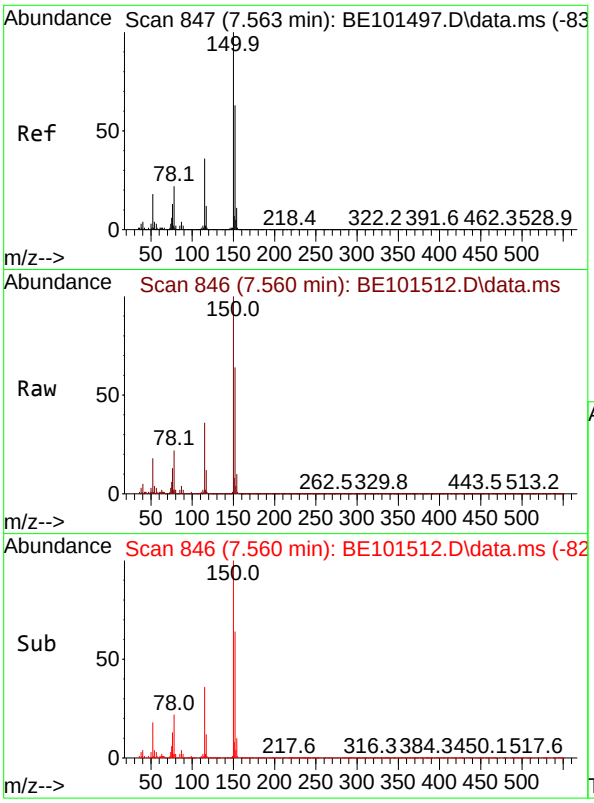


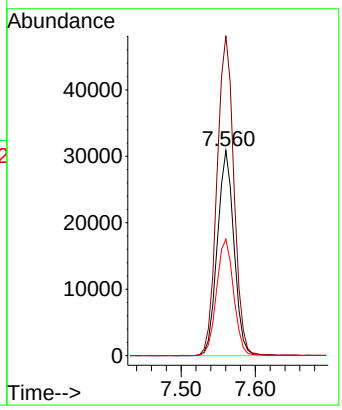


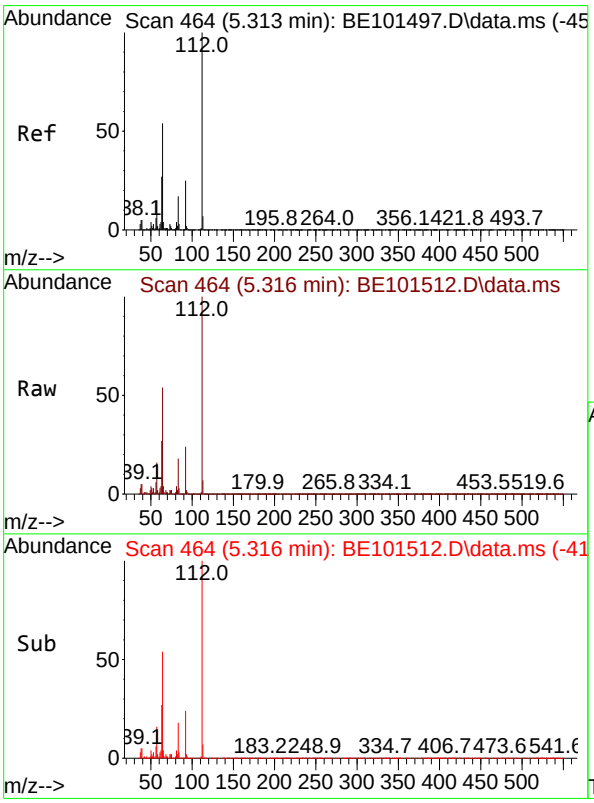
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.560 min Scan# 84
Delta R.T. -0.003 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

Instrument :
BNA_E
ClientSampleId :
MH-2

Tgt Ion:152 Resp: 47980

Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.3	189.5
115	56.8	45.0	67.4

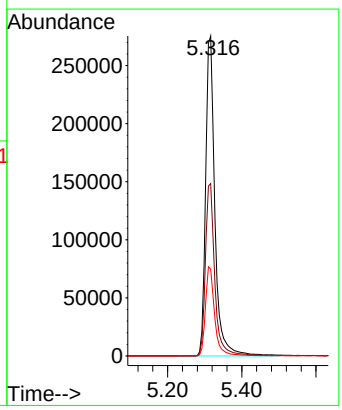


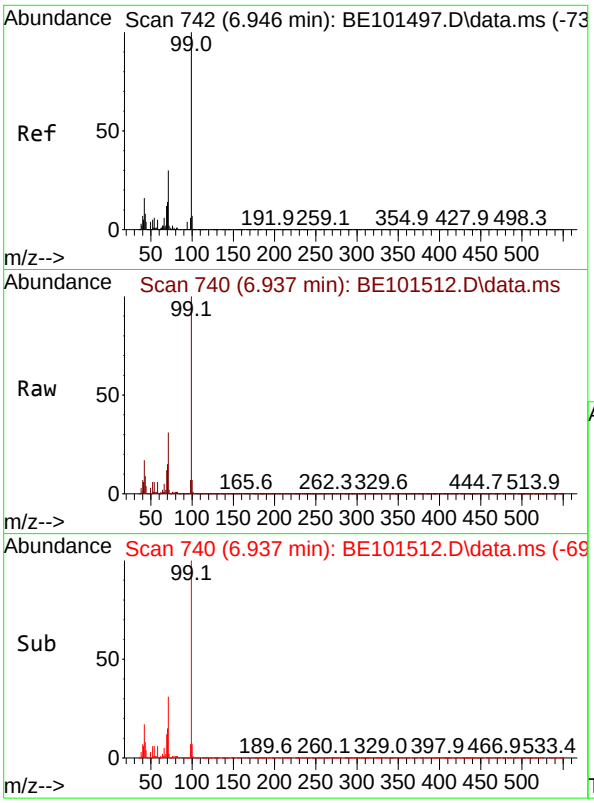


#5
2-Fluorophenol
Concen: 176.130 ng
RT: 5.316 min Scan# 464
Delta R.T. 0.003 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

Tgt Ion:112 Resp: 477934

Ion	Ratio	Lower	Upper
112	100		
64	53.9	43.2	64.8
63	27.1	21.8	32.6



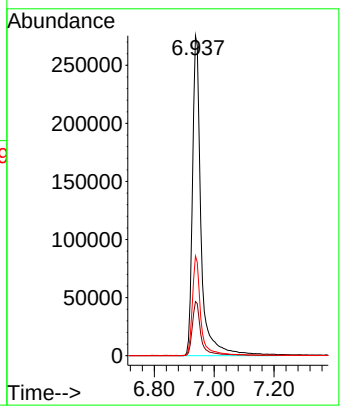


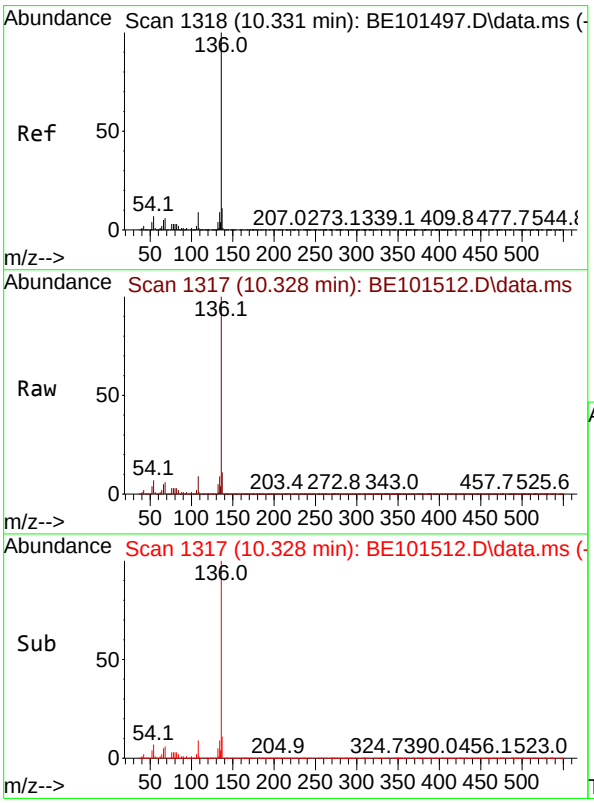
#7
Phenol-d6
Concen: 148.765 ng
RT: 6.937 min Scan# 7
Delta R.T. -0.009 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

Instrument :
BNA_E
ClientSampleId :
MH-2

Tgt Ion: 99 Resp: 553475

Ion	Ratio	Lower	Upper
99	100		
42	16.9	12.5	18.7
71	31.2	24.2	36.2

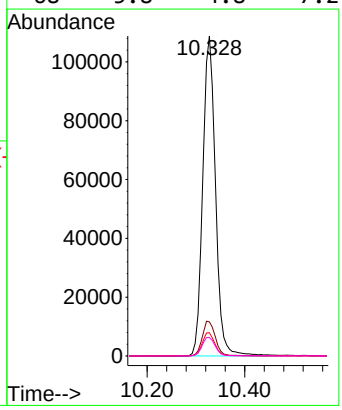


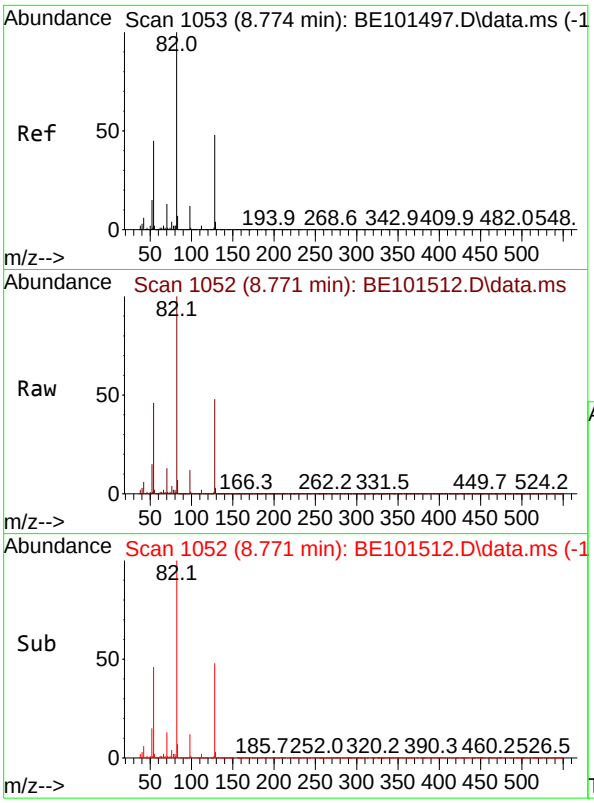


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.328 min Scan# 1317
Delta R.T. -0.003 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

Tgt Ion:136 Resp: 196757

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.2	5.6	8.4
68	5.8	4.8	7.2



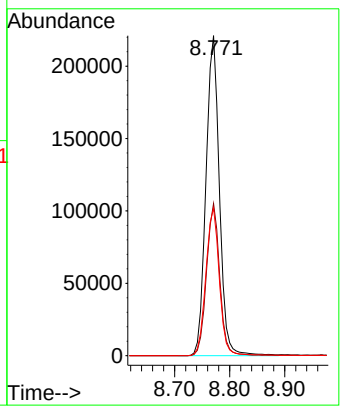


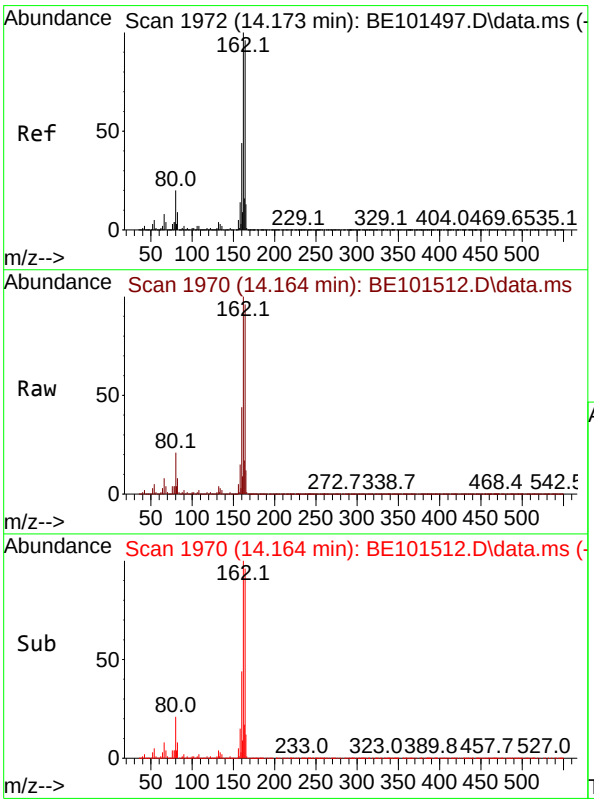
#23
Nitrobenzene-d5
Concen: 120.393 ng
RT: 8.771 min Scan# 1
Delta R.T. -0.003 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

Instrument :
BNA_E
ClientSampleId :
MH-2

Tgt Ion: 82 Resp: 375020

Ion	Ratio	Lower	Upper
82	100		
128	47.6	38.6	58.0
54	46.1	36.3	54.5

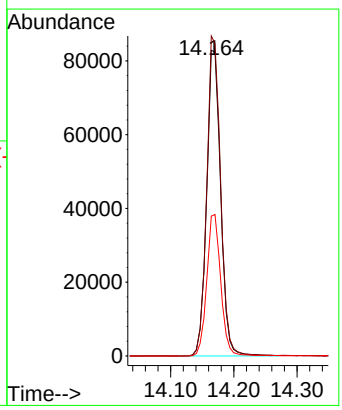


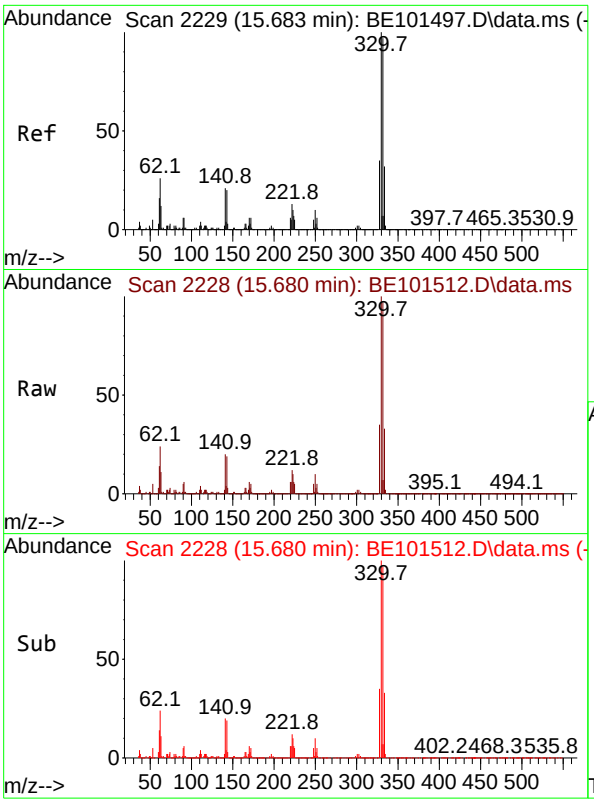


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.164 min Scan# 1970
Delta R.T. -0.009 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

Tgt Ion:164 Resp: 127350

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.7	125.5
160	45.7	37.1	55.7



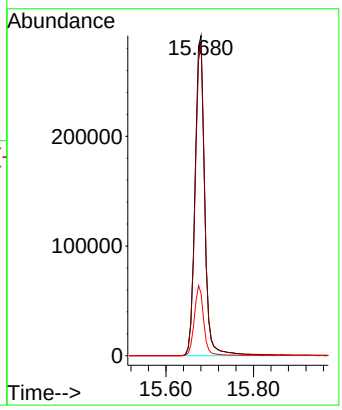


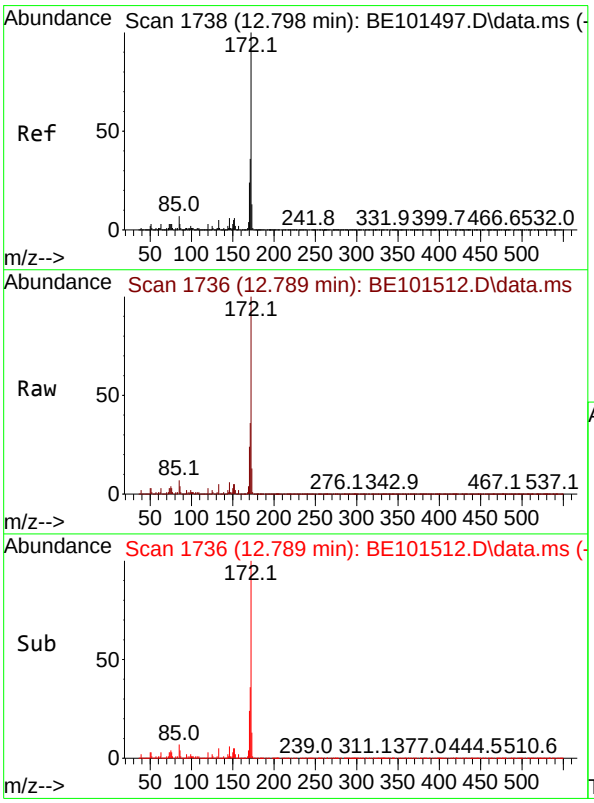
#42
2,4,6-Tribromophenol
Concen: 188.154 ng
RT: 15.680 min Scan# 2
Delta R.T. -0.003 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

Instrument :
BNA_E
ClientSampleId :
MH-2

Tgt Ion:330 Resp: 450881

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	21.5	17.0	25.4

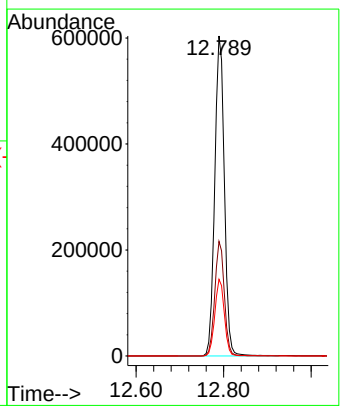


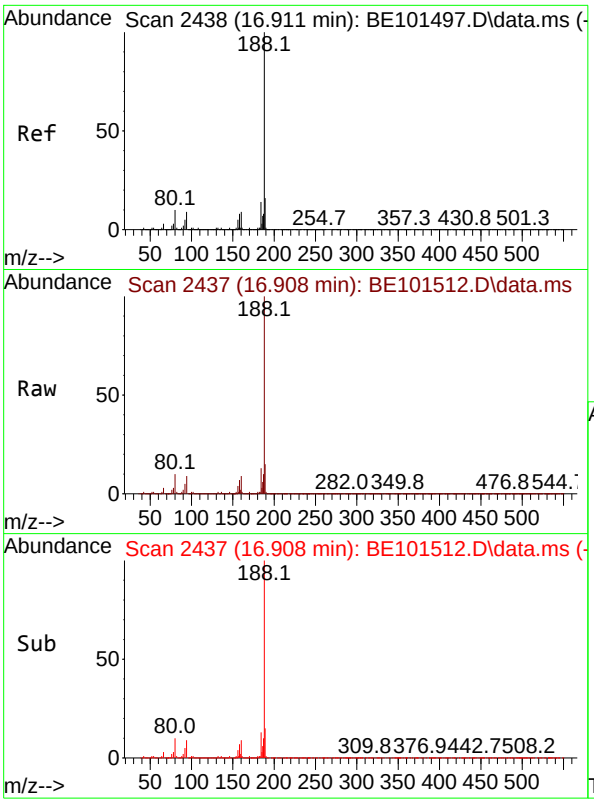


#45
2-Fluorobiphenyl
Concen: 118.451 ng
RT: 12.789 min Scan# 1736
Delta R.T. -0.009 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

Tgt Ion:172 Resp: 923860

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	43.0
170	24.0	18.9	28.3



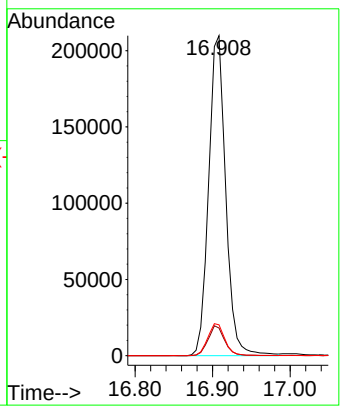


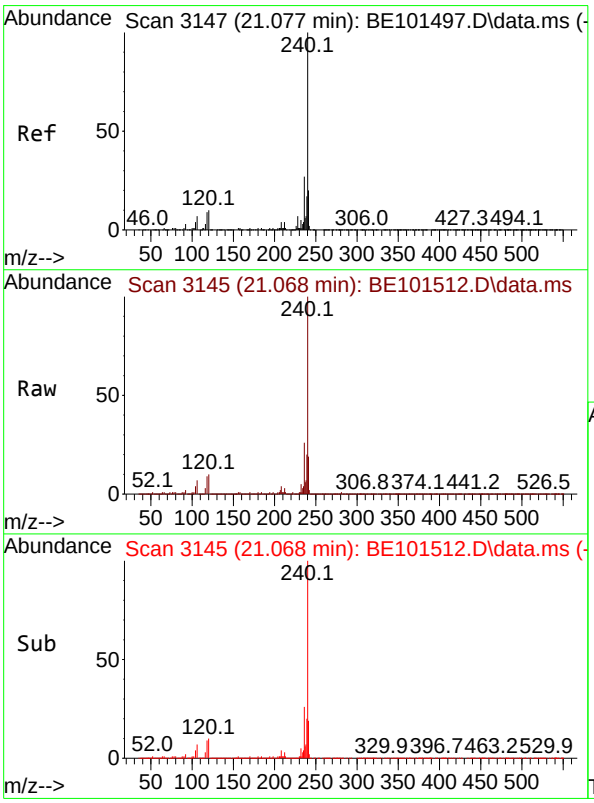
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.908 min Scan# 24
Delta R.T. -0.003 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

Instrument :
BNA_E
ClientSampleId :
MH-2

Tgt Ion:188 Resp: 321187

Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.4	11.2
80	9.6	8.0	12.0

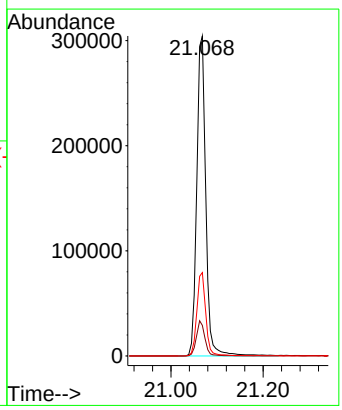


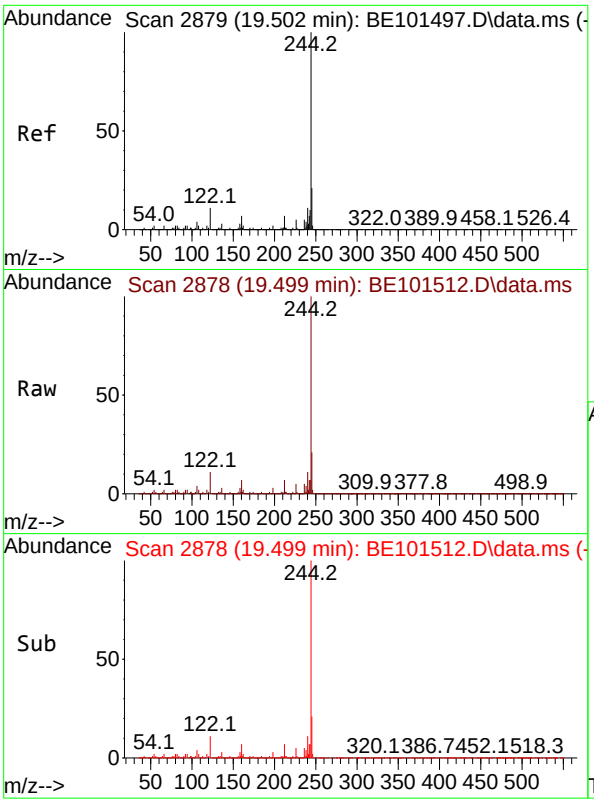


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.068 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

Tgt Ion:240 Resp: 413234

Ion	Ratio	Lower	Upper
240	100		
120	9.5	8.2	12.4
236	26.1	21.4	32.2



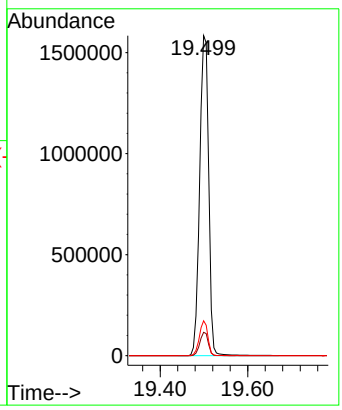


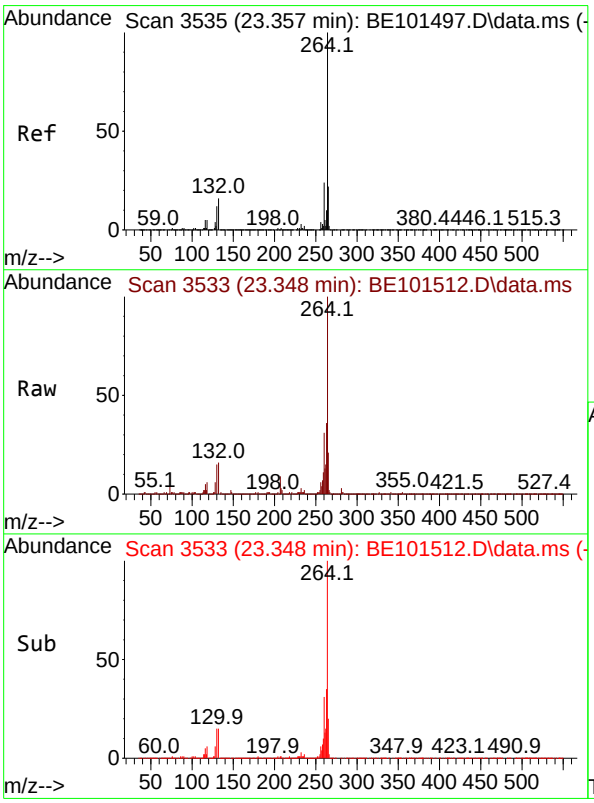
#79
Terphenyl-d14
Concen: 121.517 ng
RT: 19.499 min Scan# 2
Delta R.T. -0.003 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

Instrument :
BNA_E
ClientSampleId :
MH-2

Tgt Ion:244 Resp: 2268510

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.9	8.4	12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.348 min Scan# 3533
Delta R.T. -0.009 min
Lab File: BE101512.D
Acq: 7 Nov 2024 1:14

Tgt Ion:264 Resp: 236116

Ion	Ratio	Lower	Upper
264	100		
260	30.6	19.4	29.2#
265	20.5	17.4	26.2