Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110724\
Data File : BE101528.D
Acq On : 7 Nov 2024 13:20
Operator : RC/JU
Sample : P4667-08RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-F-5RE

Quant Time: Nov 07 13:05:25 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	7.565	152	61537	20.000	ng	0.00
21) Naphthalene-d8	10.326	136	259466	20.000	ng	0.00
39) Acenaphthene-d10	14.169	164	94006	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	326983	20.000	ng	0.00
76) Chrysene-d12	21.067	240	253445	20.000	ng	-0.01
86) Perylene-d12	23.352	264	44227	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.320	112	606659	174.315	ng	0.00
7) Phenol-d6	6.948	99	538066	112.762	ng	0.00
23) Nitrobenzene-d5	8.775	82	490377	119.378	ng	0.00
42) 2,4,6-Tribromophenol	15.685	330	527078	297.968	ng	0.00
45) 2-Fluorobiphenyl	12.794	172	1116086	193.854	ng	0.00
79) Terphenyl-d14	19.504	244	2111687	184.433	ng	0.00
Target Compounds						Qvalue

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

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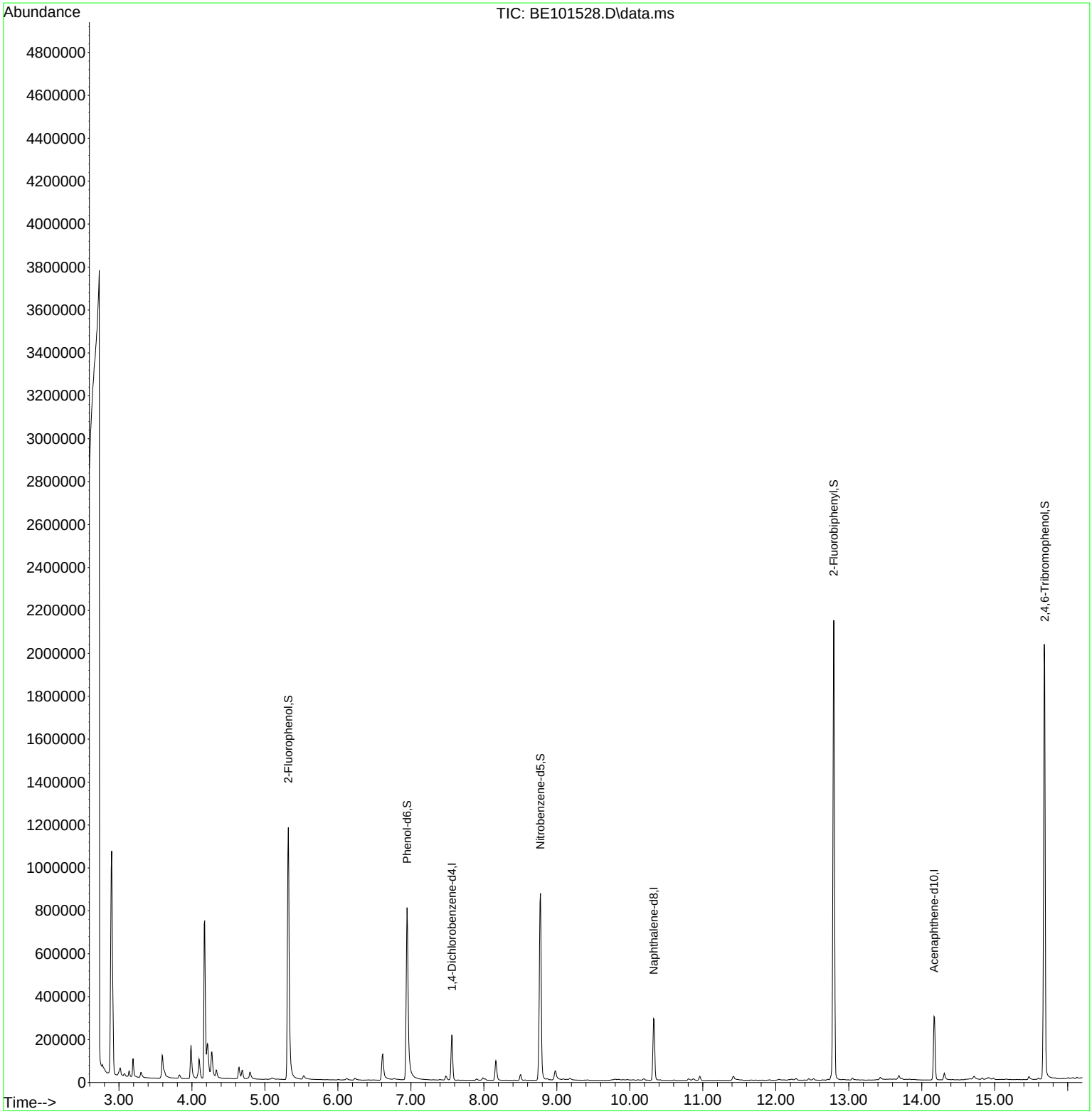

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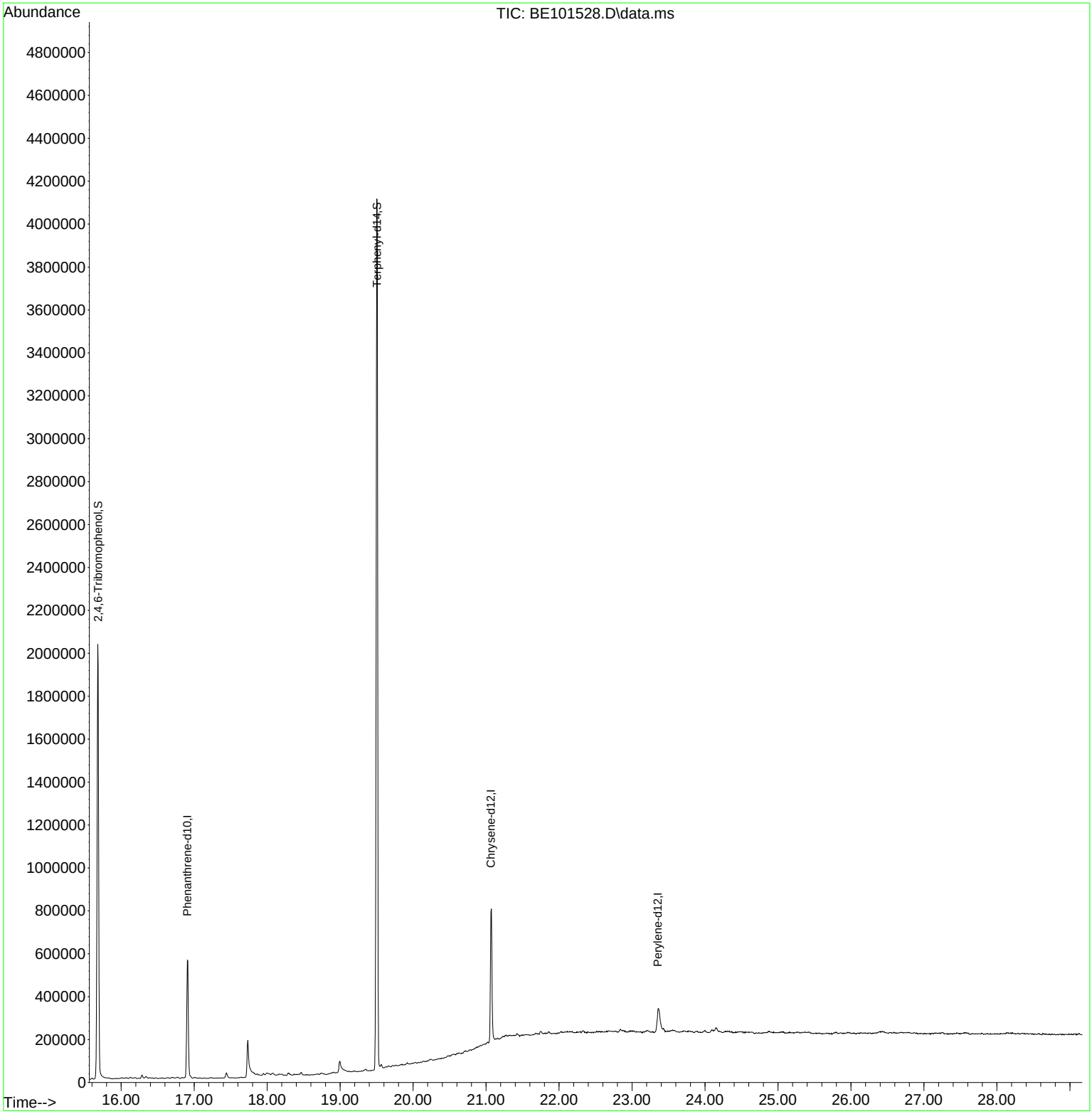
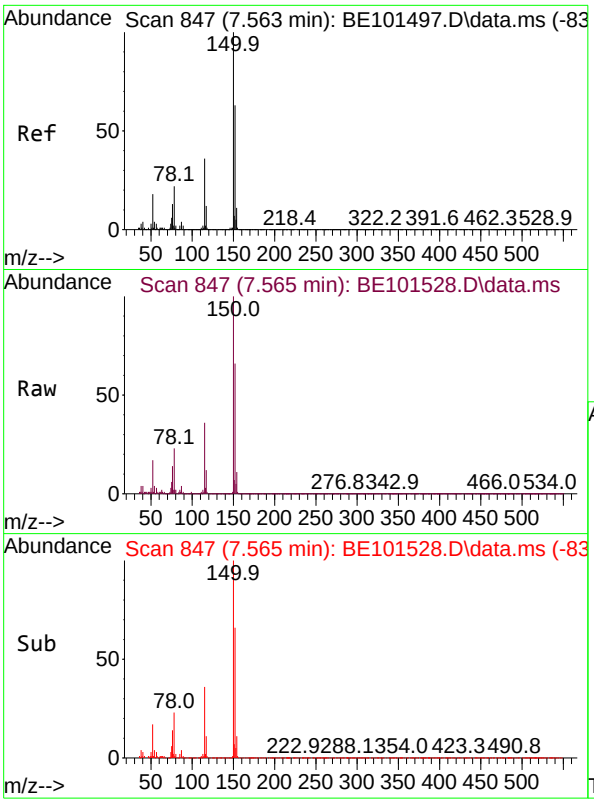


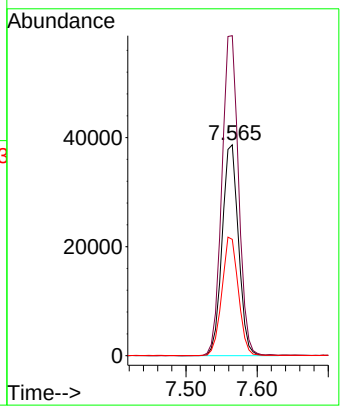


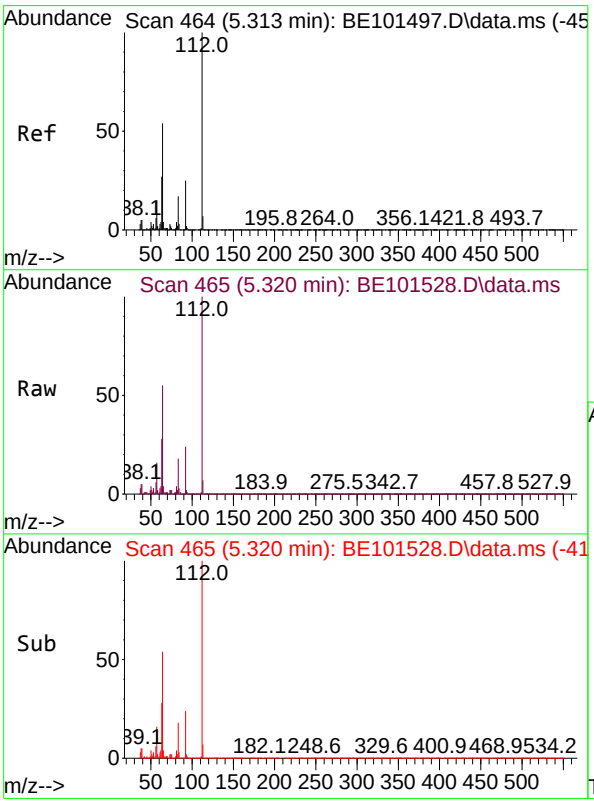
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.565 min Scan# 84
Delta R.T. 0.002 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :
BP-F-5RE

Tgt Ion:152 Resp: 61537

Ion	Ratio	Lower	Upper
152	100		
150	151.7	126.3	189.5
115	55.2	45.0	67.4

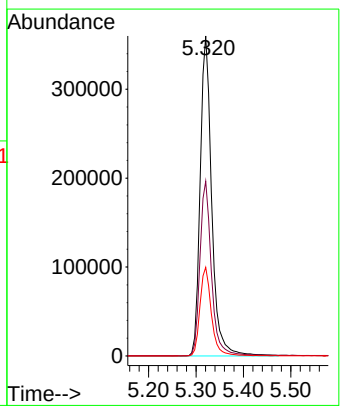


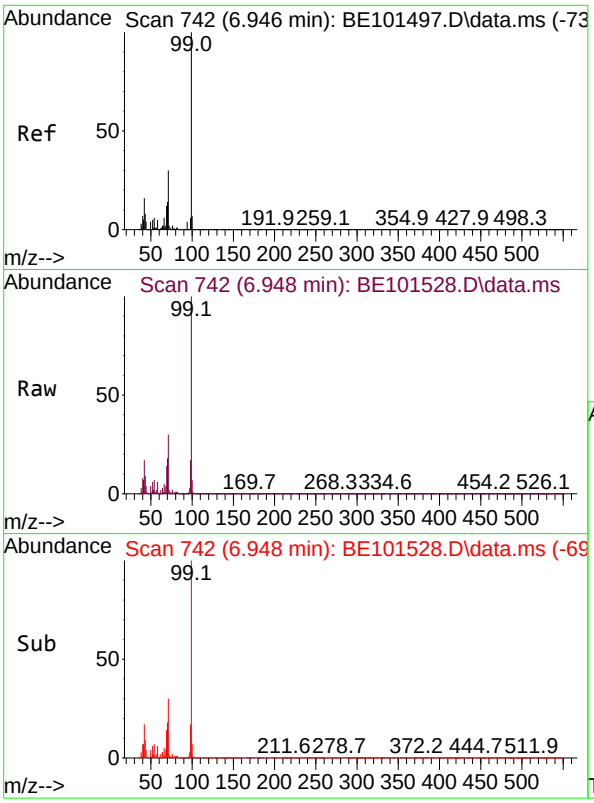


#5
2-Fluorophenol
Concen: 174.315 ng
RT: 5.320 min Scan# 465
Delta R.T. 0.007 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

Tgt Ion:112 Resp: 606659

Ion	Ratio	Lower	Upper
112	100		
64	54.6	43.2	64.8
63	27.7	21.8	32.6



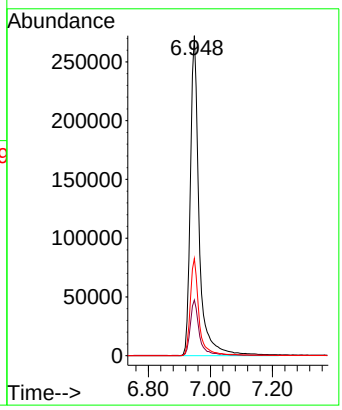


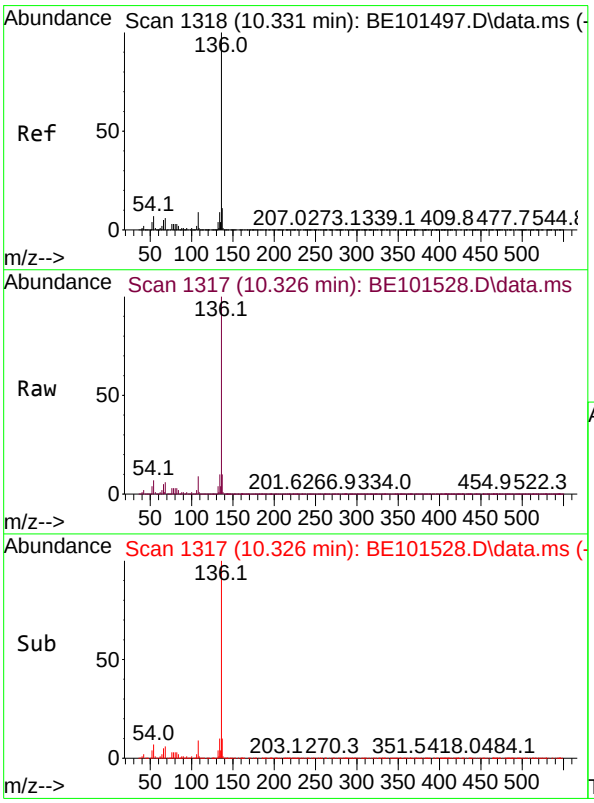
#7
Phenol-d6
Concen: 112.762 ng
RT: 6.948 min Scan# 74
Delta R.T. 0.002 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :
BP-F-5RE

Tgt Ion: 99 Resp: 538066

Ion	Ratio	Lower	Upper
99	100		
42	17.4	12.5	18.7
71	30.4	24.2	36.2

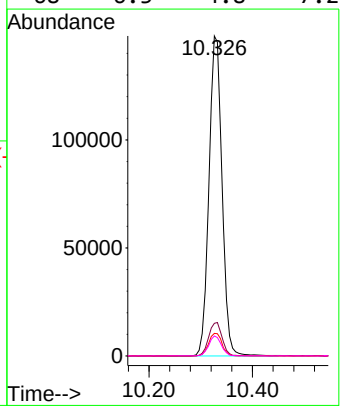


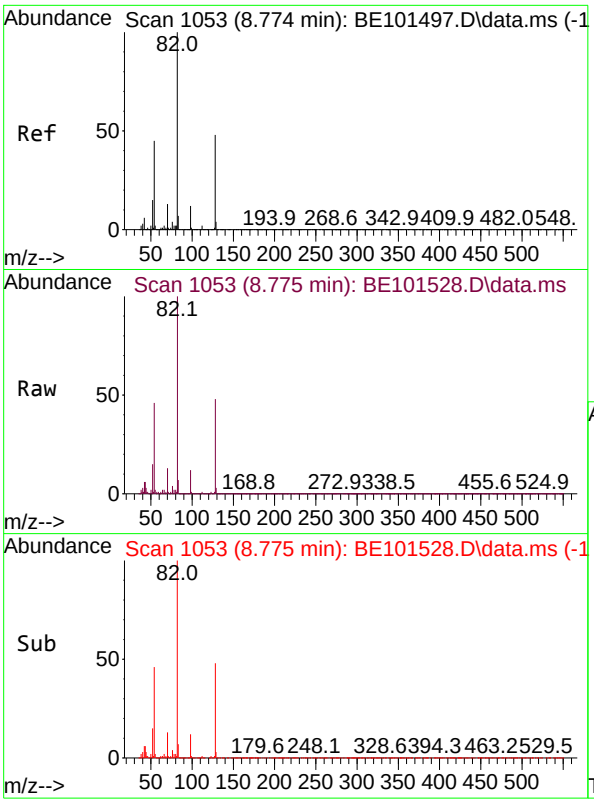


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.326 min Scan# 1317
Delta R.T. -0.004 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

Tgt Ion:136 Resp: 259466

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	7.1	5.6	8.4
68	6.3	4.8	7.2



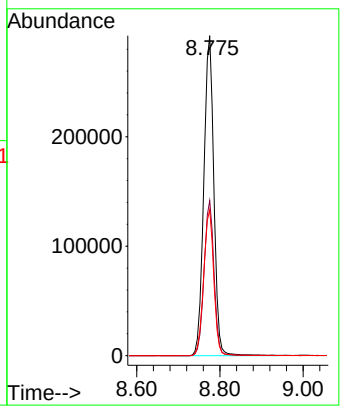


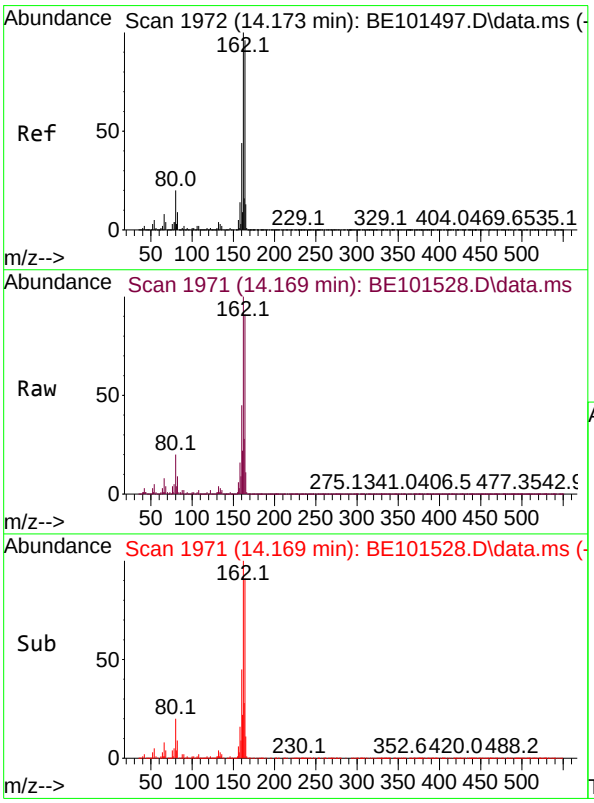
#23
Nitrobenzene-d5
Concen: 119.378 ng
RT: 8.775 min Scan# 1
Delta R.T. 0.002 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :
BP-F-5RE

Tgt Ion: 82 Resp: 490377

Ion	Ratio	Lower	Upper
82	100		
128	48.4	38.6	58.0
54	45.6	36.3	54.5

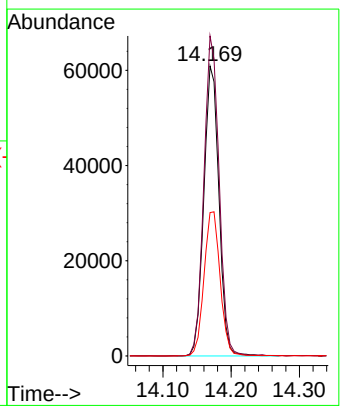


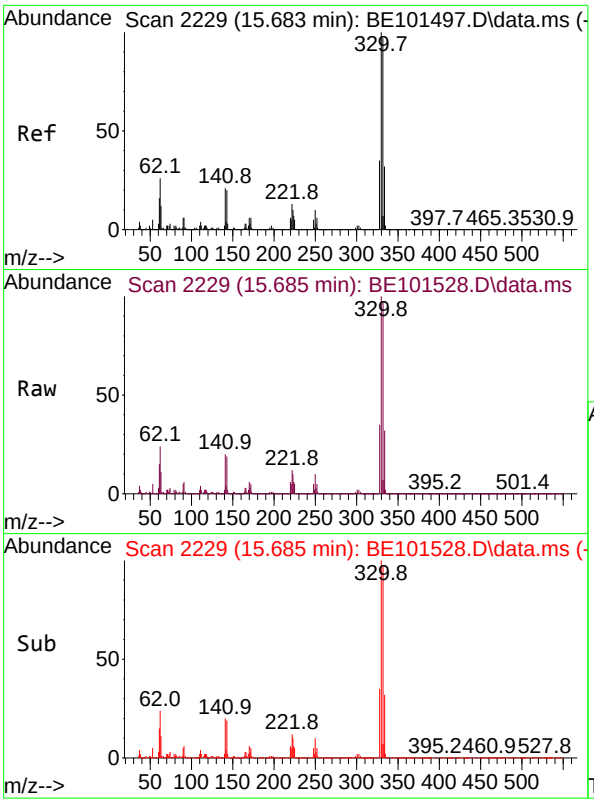


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.169 min Scan# 1971
Delta R.T. -0.004 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

Tgt Ion:164 Resp: 94006

Ion	Ratio	Lower	Upper
164	100		
162	110.4	83.7	125.5
160	49.4	37.1	55.7



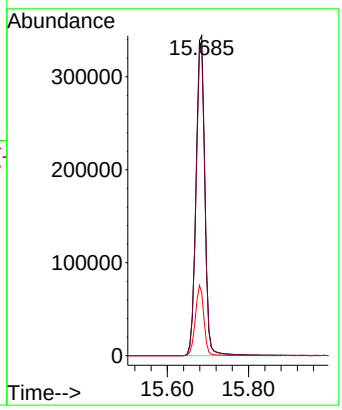


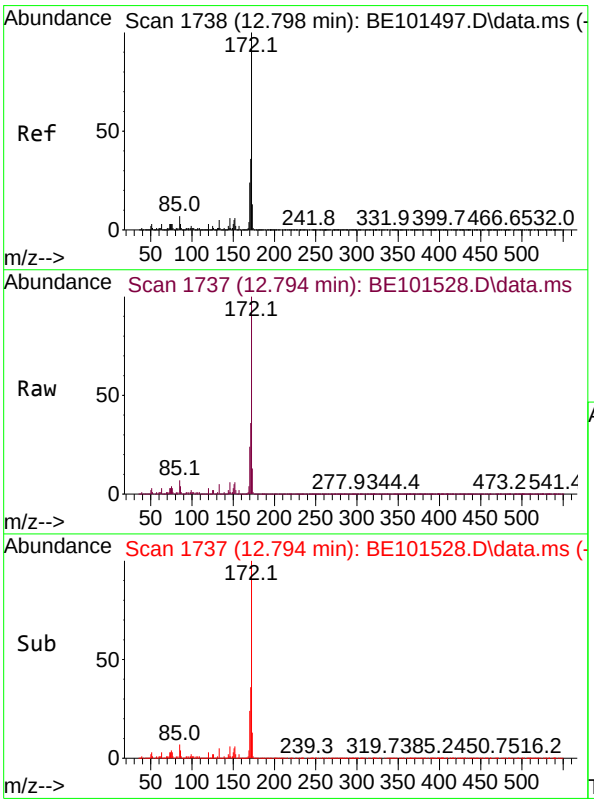
#42
2,4,6-Tribromophenol
Concen: 297.968 ng
RT: 15.685 min Scan# 2
Delta R.T. 0.002 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :
BP-F-5RE

Tgt Ion:330 Resp: 527078

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.7	116.5
141	21.3	17.0	25.4

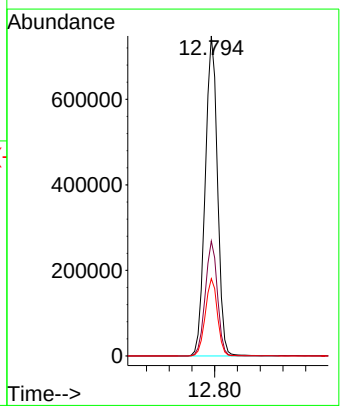


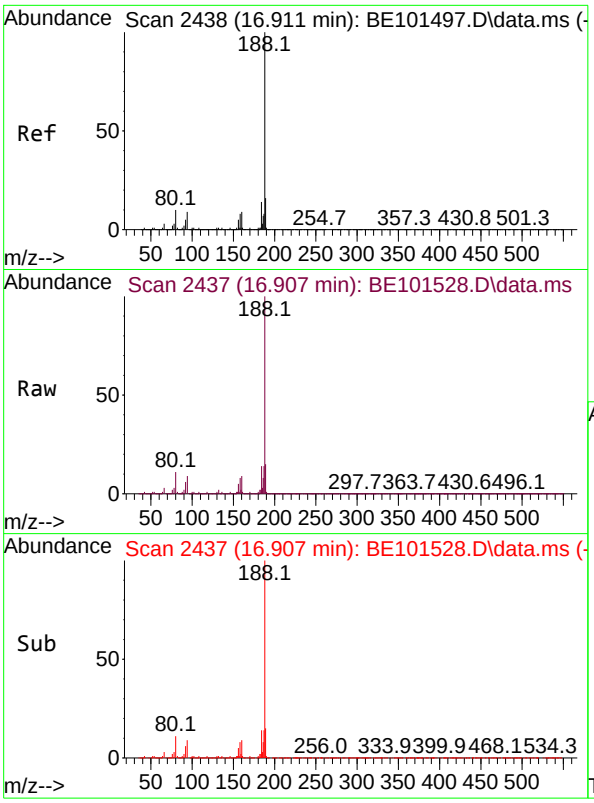


#45
2-Fluorobiphenyl
Concen: 193.854 ng
RT: 12.794 min Scan# 1737
Delta R.T. -0.004 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

Tgt Ion:172 Resp: 1116086

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.1	18.9	28.3



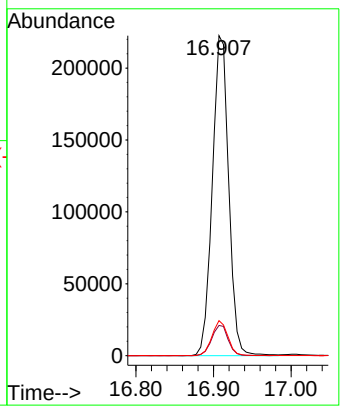


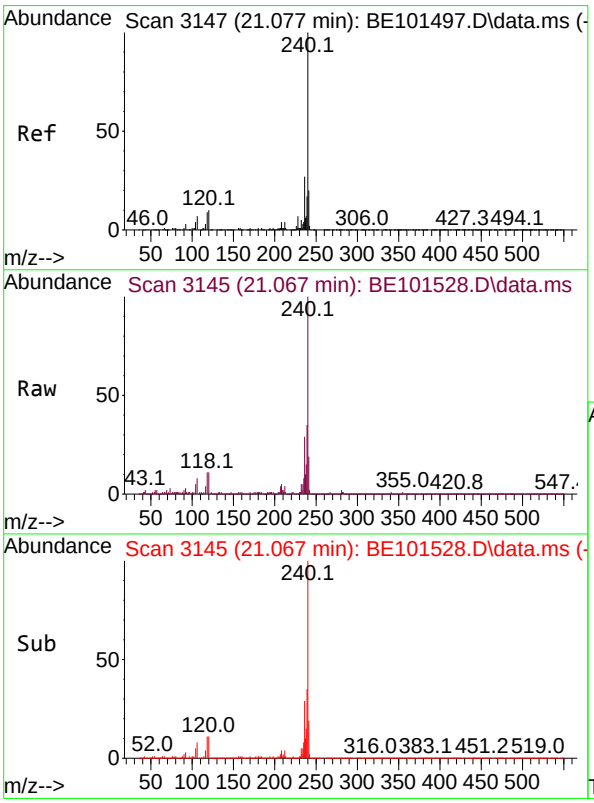
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 24
Delta R.T. -0.004 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :
BP-F-5RE

Tgt Ion:188 Resp: 326983

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	10.9	8.0	12.0

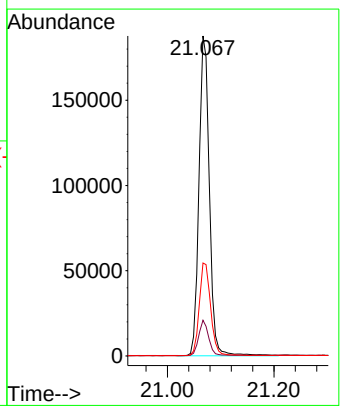


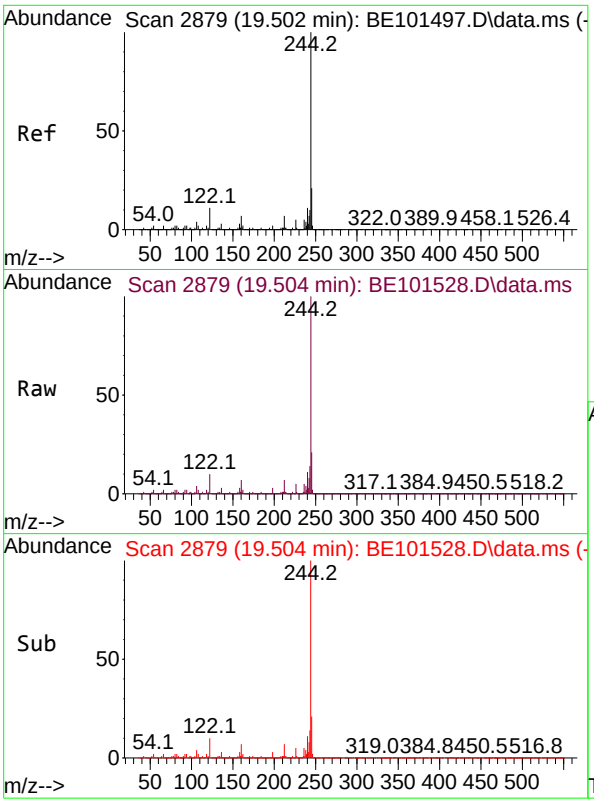


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.067 min Scan# 3145
Delta R.T. -0.010 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

Tgt Ion:240 Resp: 253445

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.2	12.4
236	29.1	21.4	32.2



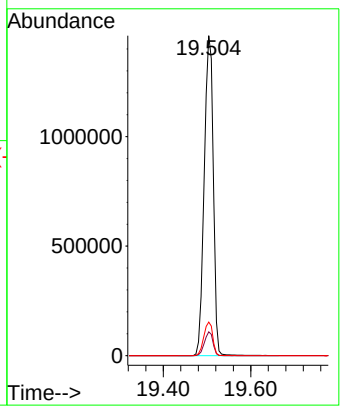


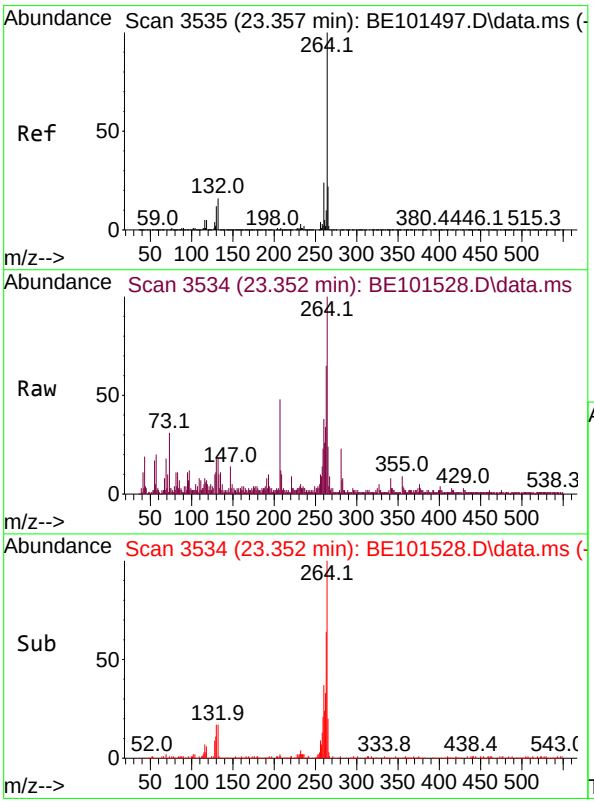
#79
Terphenyl-d14
Concen: 184.433 ng
RT: 19.504 min Scan# 2
Delta R.T. 0.002 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

Instrument :
BNA_E
ClientSampleId :
BP-F-5RE

Tgt Ion:244 Resp: 2111687

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	10.5	8.4	12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.352 min Scan# 3534
Delta R.T. -0.004 min
Lab File: BE101528.D
Acq: 7 Nov 2024 13:20

Tgt Ion:264 Resp: 44227

Ion	Ratio	Lower	Upper
264	100		
260	37.5	19.4	29.2#
265	23.8	17.4	26.2