Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110824\
Data File : BE101547.D
Acq On : 8 Nov 2024 12:03
Operator : RC/JU
Sample : PB164694TB
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB164694TB

Quant Time: Nov 08 11:53:21 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	7.555	152	34932	20.000	ng	0.00
21) Naphthalene-d8	10.329	136	149600	20.000	ng	0.00
39) Acenaphthene-d10	14.171	164	99908	20.000	ng	0.00
64) Phenanthrene-d10	16.909	188	241198	20.000	ng	0.00
76) Chrysene-d12	21.069	240	324971	20.000	ng	0.00
86) Perylene-d12	23.349	264	414995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.311	112	349576	176.947	ng	0.00
7) Phenol-d6	6.938	99	450678	166.382	ng	0.00
23) Nitrobenzene-d5	8.766	82	261263	110.312	ng	0.00
42) 2,4,6-Tribromophenol	15.675	330	294216	156.501	ng	0.00
45) 2-Fluorobiphenyl	12.790	172	671226	109.699	ng	0.00
79) Terphenyl-d14	19.500	244	1639777	111.695	ng	0.00
Target Compounds						Qvalue

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

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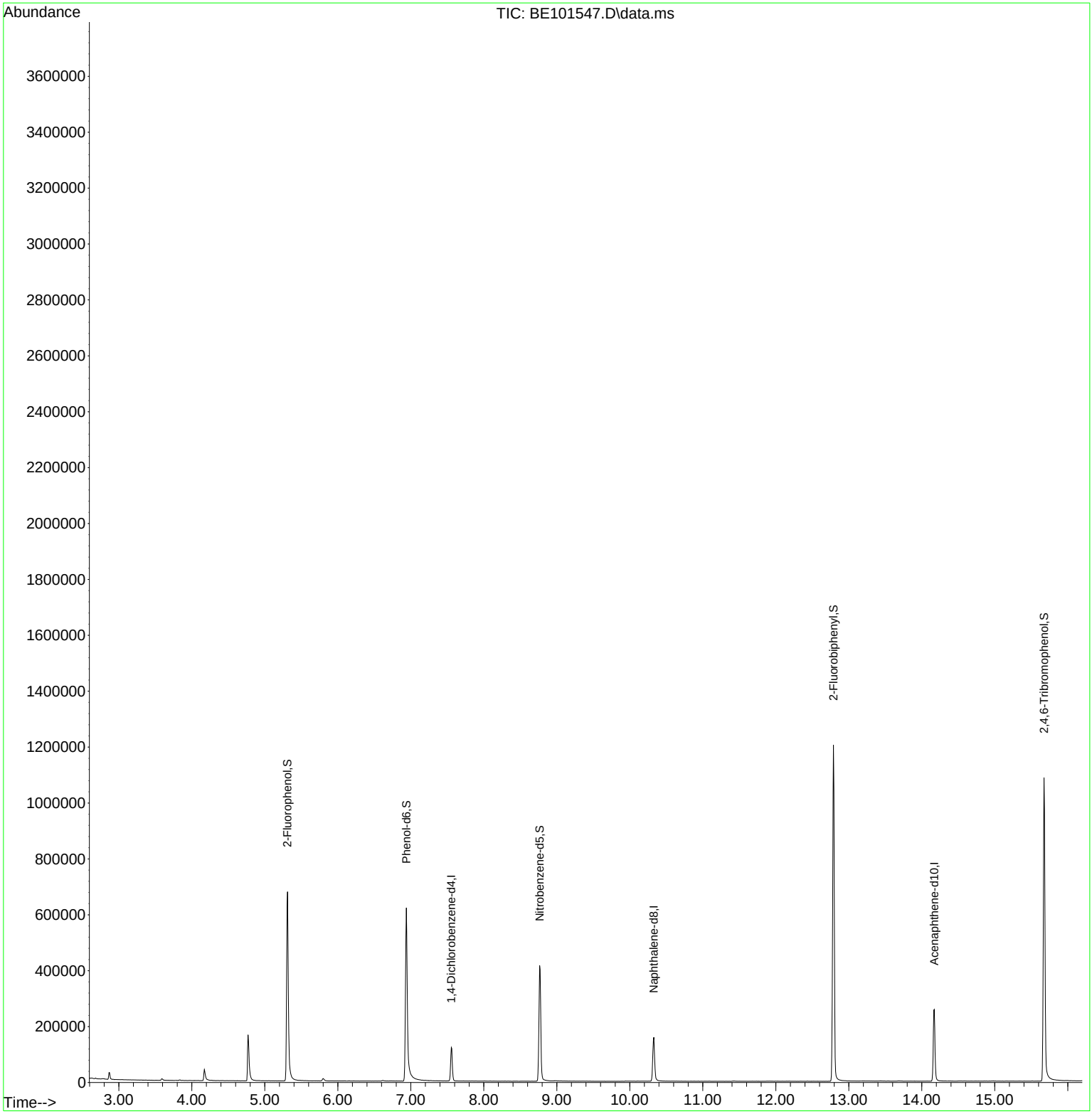

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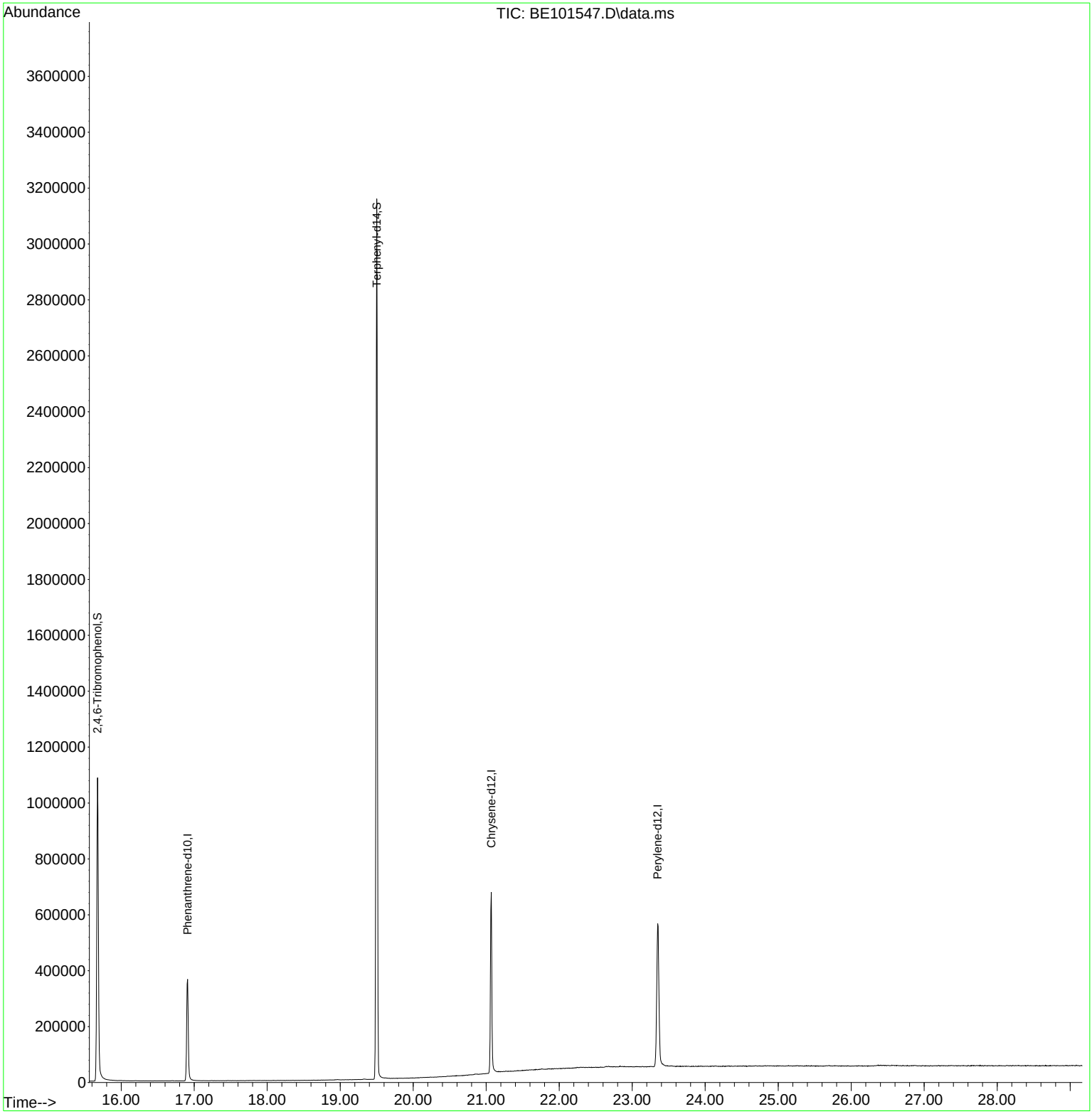
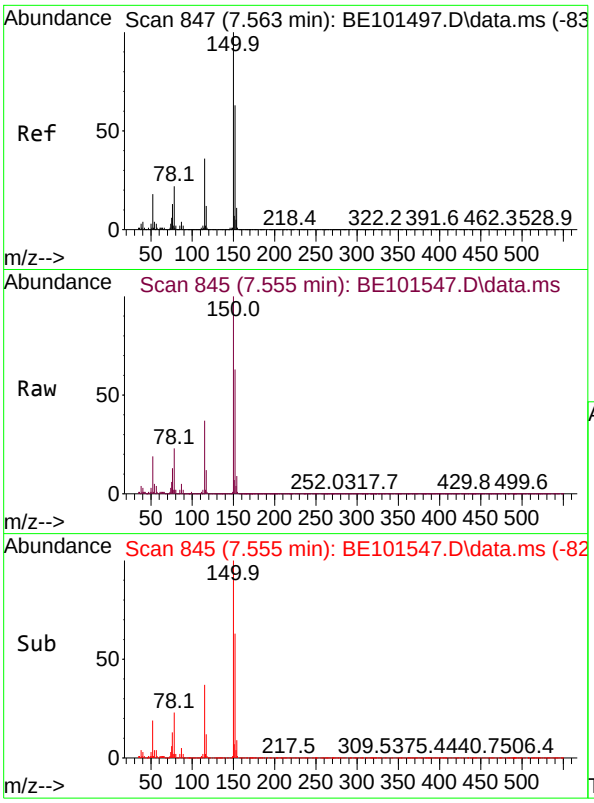


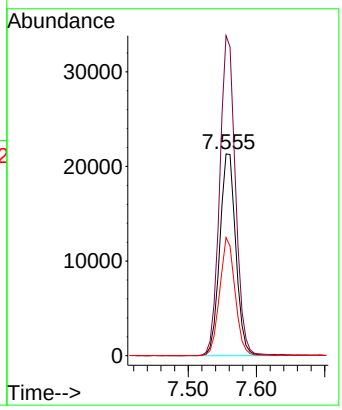


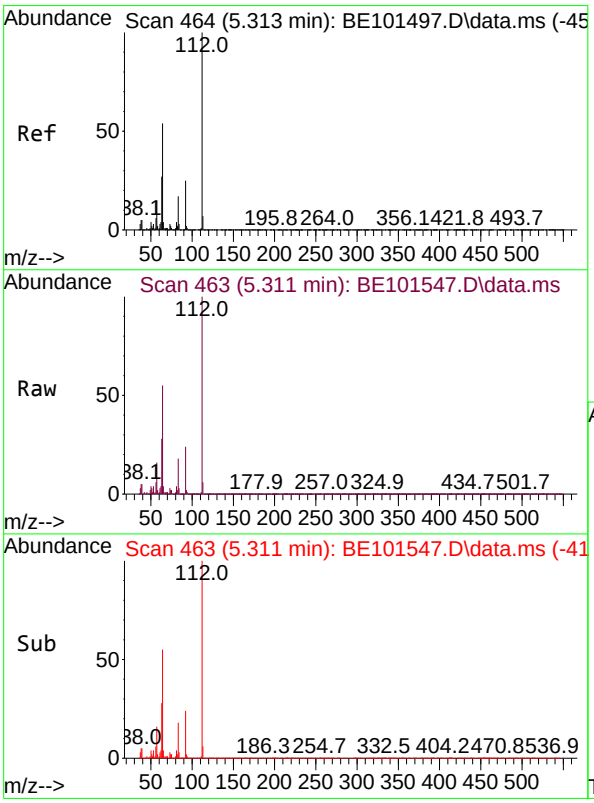
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.555 min Scan# 84
Delta R.T. -0.008 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

Instrument :
BNA_E
ClientSampleId :
PB164694TB

Tgt Ion:152 Resp: 34932

Ion	Ratio	Lower	Upper
152	100		
150	158.6	126.3	189.5
115	58.5	45.0	67.4

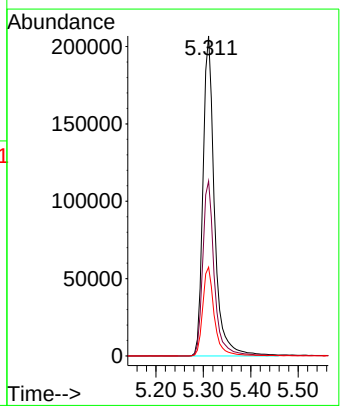


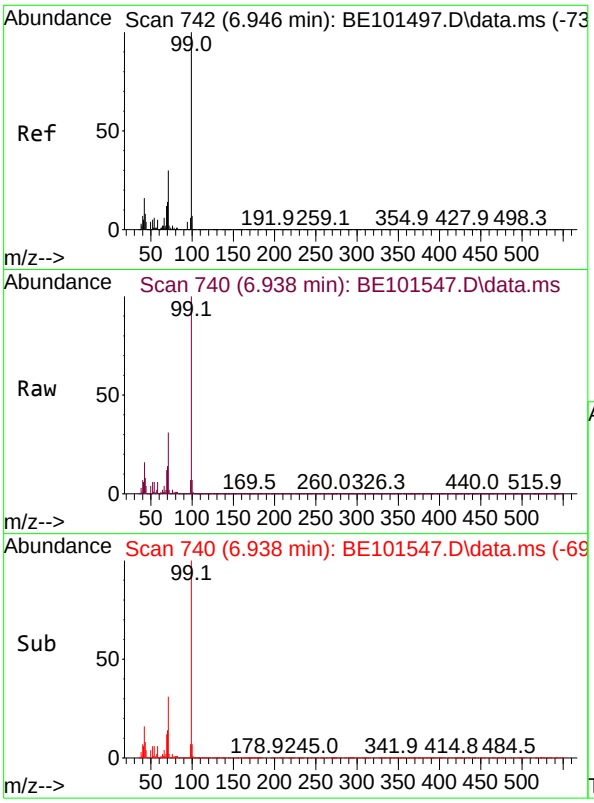


#5
2-Fluorophenol
Concen: 176.947 ng
RT: 5.311 min Scan# 463
Delta R.T. -0.002 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

Tgt Ion:112 Resp: 349576

Ion	Ratio	Lower	Upper
112	100		
64	54.7	43.2	64.8
63	27.8	21.8	32.6



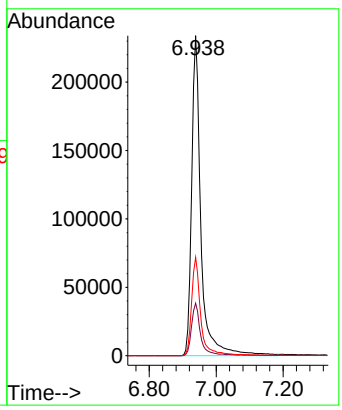


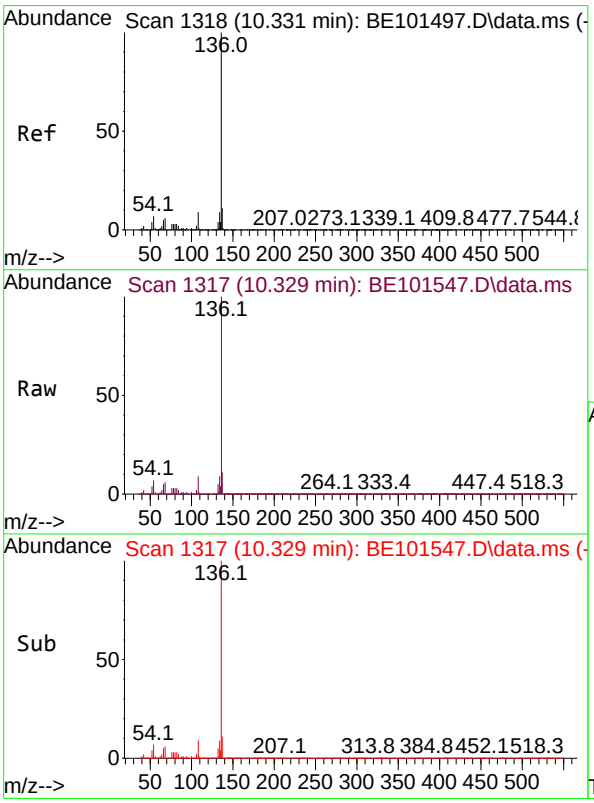
#7
Phenol-d6
Concen: 166.382 ng
RT: 6.938 min Scan# 7
Delta R.T. -0.008 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

Instrument :
BNA_E
ClientSampleId :
PB164694TB

Tgt Ion: 99 Resp: 450678

Ion	Ratio	Lower	Upper
99	100		
42	16.4	12.5	18.7
71	30.7	24.2	36.2

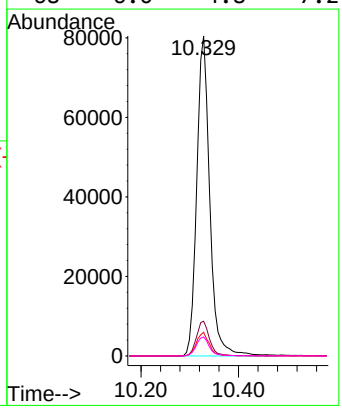


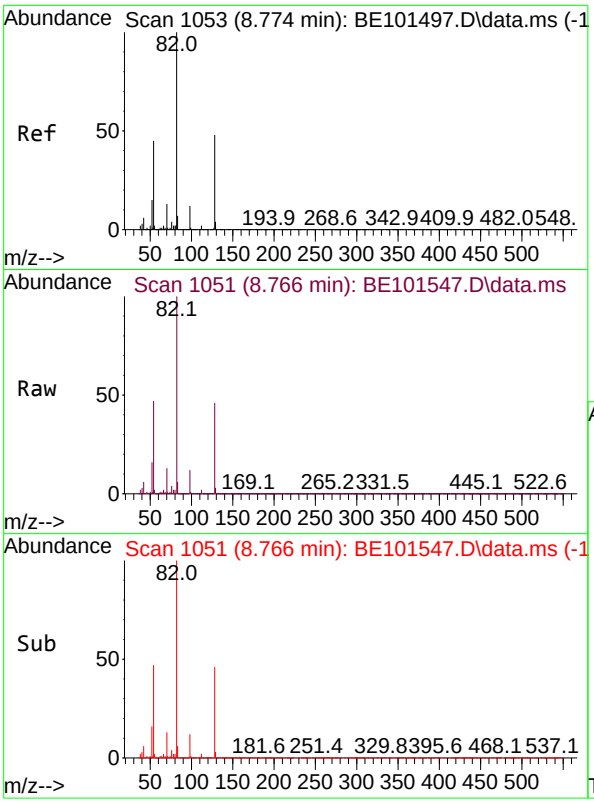


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.329 min Scan# 1317
Delta R.T. -0.002 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

Tgt Ion:136 Resp: 149600

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.4	5.6	8.4
68	6.0	4.8	7.2



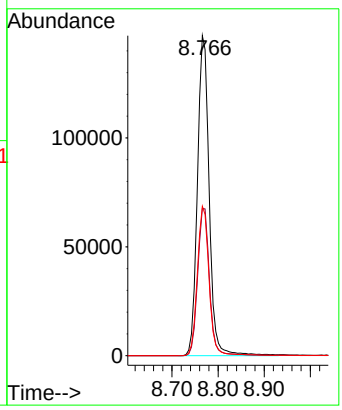


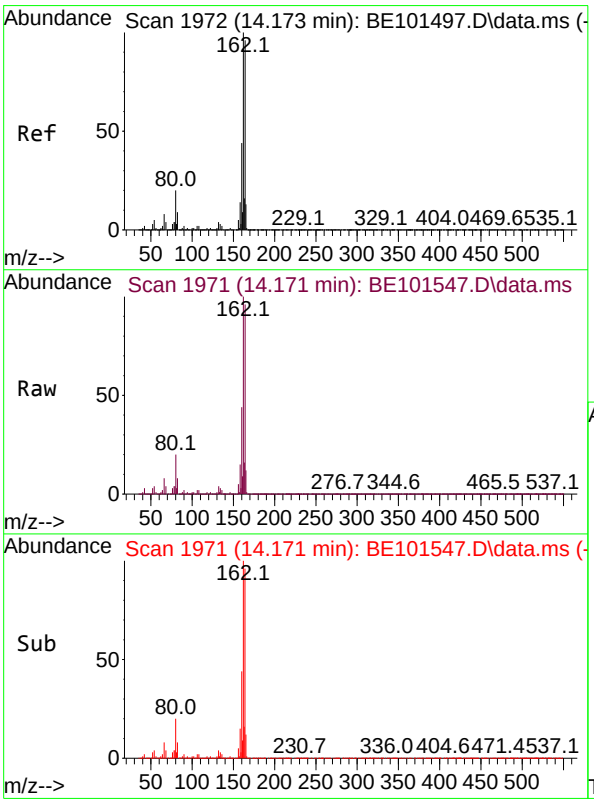
#23
Nitrobenzene-d5
Concen: 110.312 ng
RT: 8.766 min Scan# 1
Delta R.T. -0.008 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

Instrument :
BNA_E
ClientSampleId :
PB164694TB

Tgt Ion: 82 Resp: 261263

Ion	Ratio	Lower	Upper
82	100		
128	46.0	38.6	58.0
54	46.7	36.3	54.5

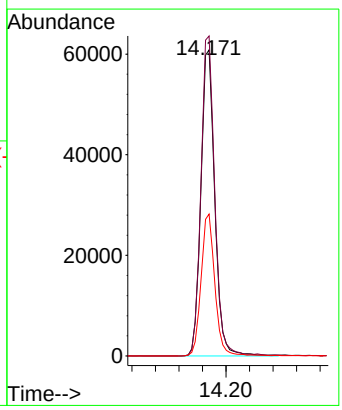


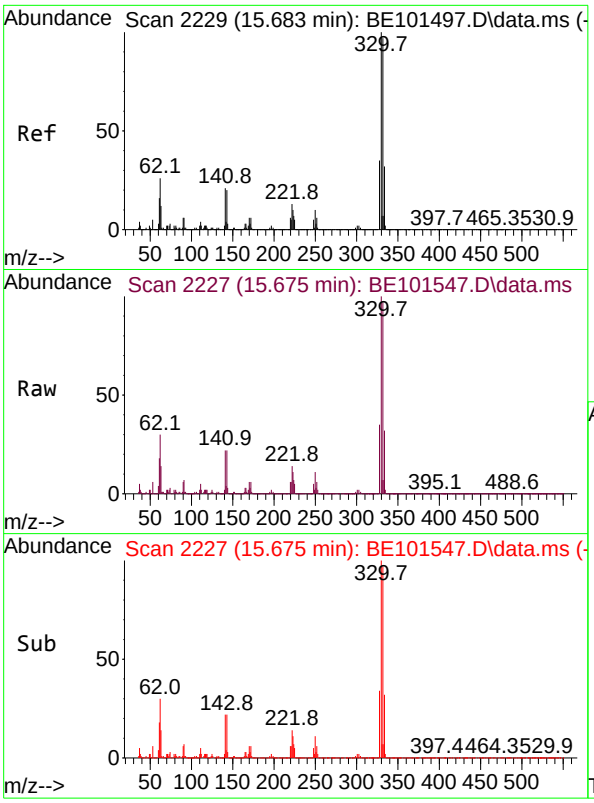


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.171 min Scan# 1971
Delta R.T. -0.002 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

Tgt Ion:164 Resp: 99908

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.7	125.5
160	46.4	37.1	55.7



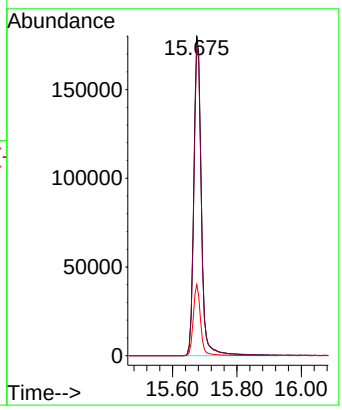


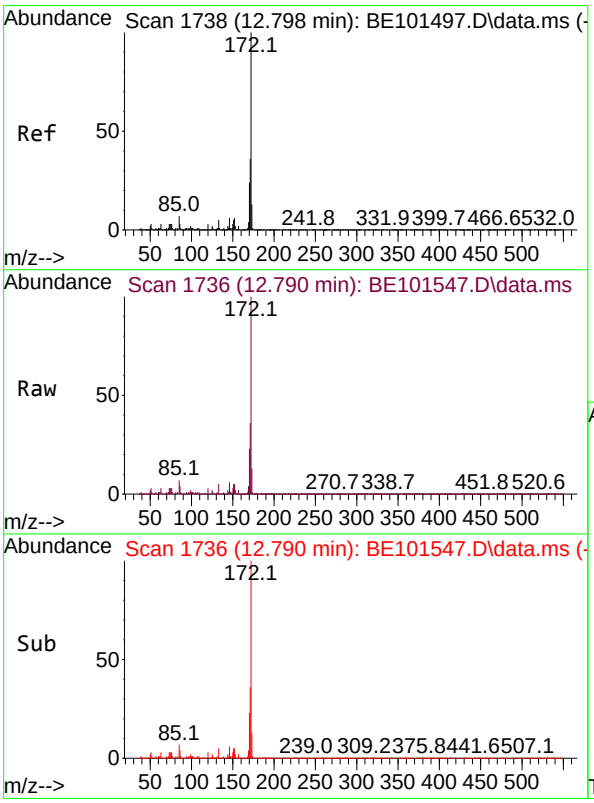
#42
2,4,6-Tribromophenol
Concen: 156.501 ng
RT: 15.675 min Scan# 2
Delta R.T. -0.008 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

Instrument :
BNA_E
ClientSampleId :
PB164694TB

Tgt Ion:330 Resp: 294216

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.7	116.5
141	21.6	17.0	25.4

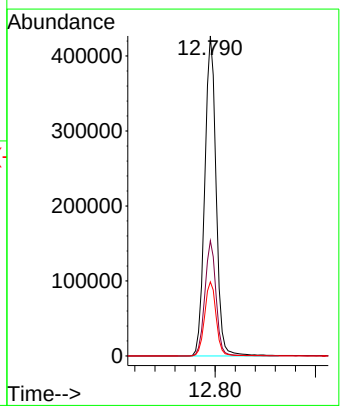


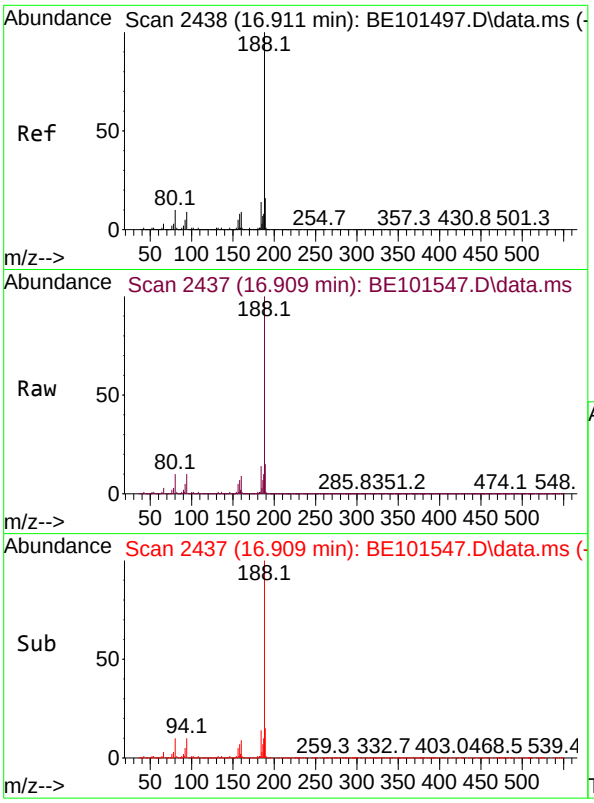


#45
2-Fluorobiphenyl
Concen: 109.699 ng
RT: 12.790 min Scan# 1736
Delta R.T. -0.008 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

Tgt Ion:172 Resp: 671226

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.2	18.9	28.3



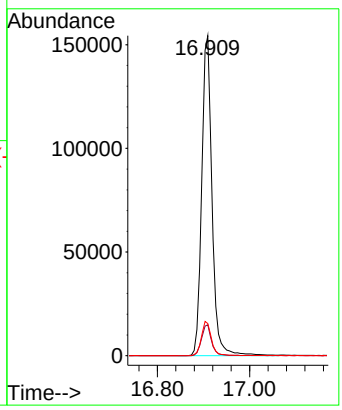


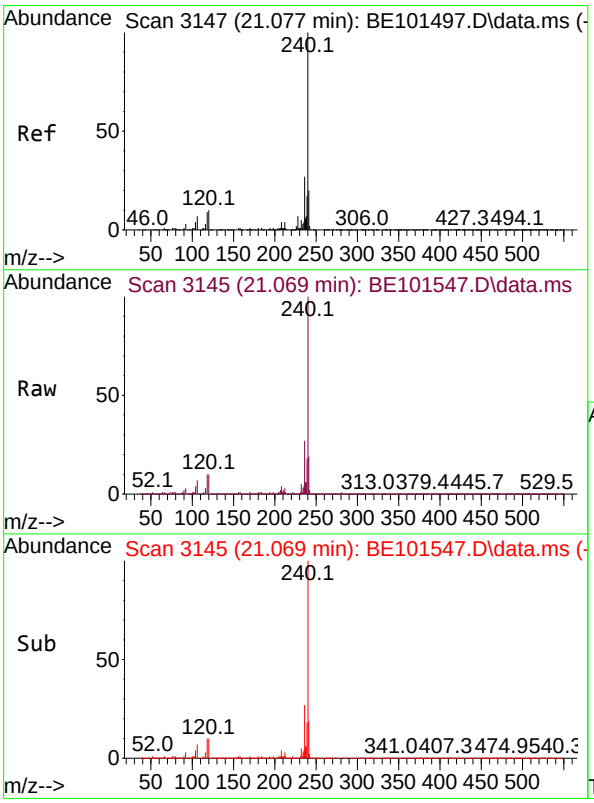
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.909 min Scan# 24
Delta R.T. -0.002 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

Instrument :
BNA_E
ClientSampleId :
PB164694TB

Tgt Ion:188 Resp: 241198

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.2
80	10.1	8.0	12.0

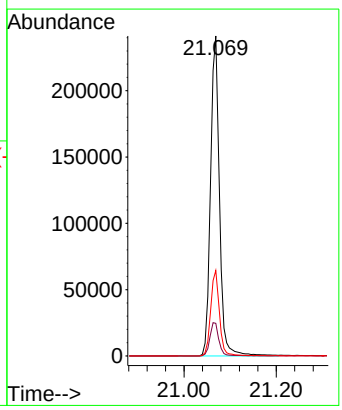


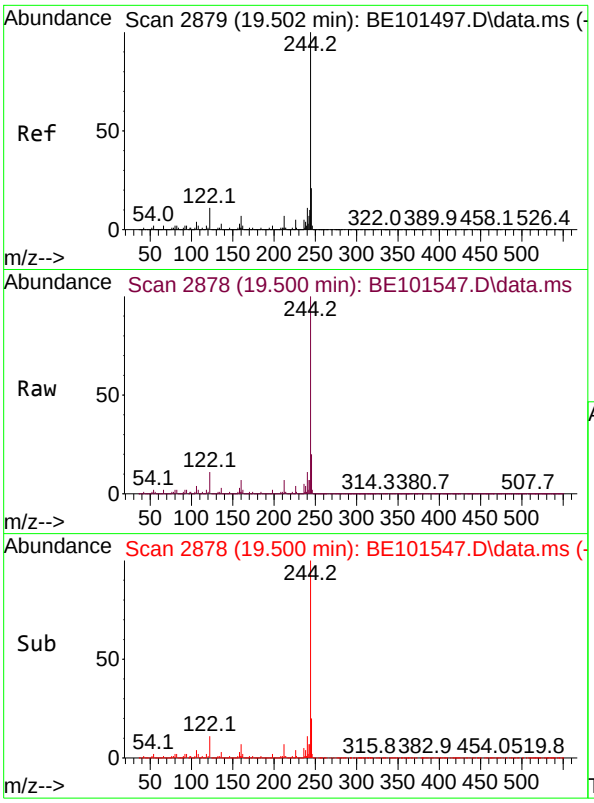


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.069 min Scan# 3145
Delta R.T. -0.008 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

Tgt Ion:240 Resp: 324971

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.2	12.4
236	26.7	21.4	32.2



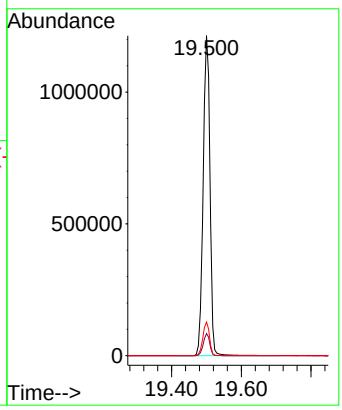


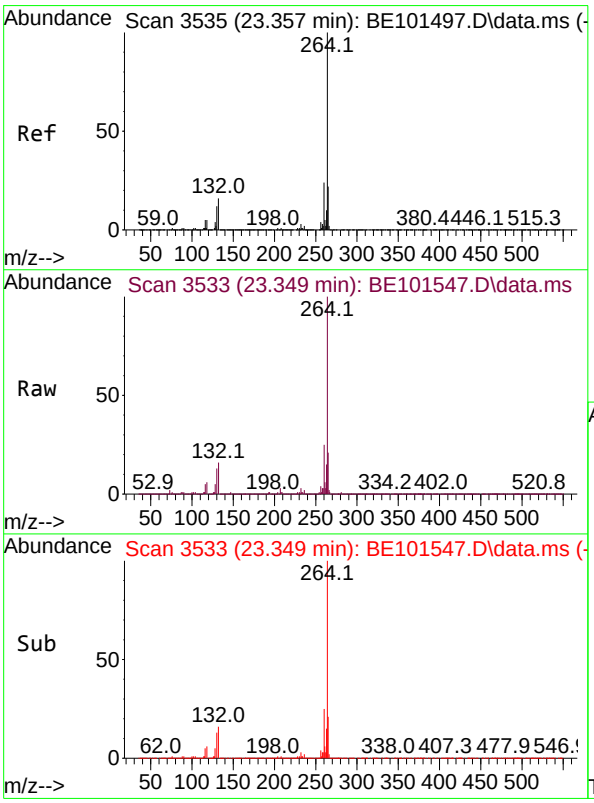
#79
Terphenyl-d14
Concen: 111.695 ng
RT: 19.500 min Scan# 2
Delta R.T. -0.002 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

Instrument :
BNA_E
ClientSampleId :
PB164694TB

Tgt Ion:244 Resp: 1639777

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	10.5	8.4	12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.349 min Scan# 3533
Delta R.T. -0.008 min
Lab File: BE101547.D
Acq: 8 Nov 2024 12:03

Tgt Ion:264 Resp: 414995

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.4	17.4	26.2