Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110724\
Data File : BE101540.D
Acq On : 7 Nov 2024 20:26
Operator : RC/JU
Sample : P4720-05
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
JC-701-COMP-01

Quant Time: Nov 07 23:59:36 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	7.557	152	49415	20.000	ng	0.00
21) Naphthalene-d8	10.331	136	214151	20.000	ng	0.00
39) Acenaphthene-d10	14.167	164	143748	20.000	ng	0.00
64) Phenanthrene-d10	16.905	188	331300	20.000	ng	0.00
76) Chrysene-d12	21.065	240	408509	20.000	ng	-0.01
86) Perylene-d12	23.351	264	515447	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.319	112	500762	179.184	ng	0.00
7) Phenol-d6	6.946	99	616703	160.946	ng	0.00
23) Nitrobenzene-d5	8.768	82	386078	113.876	ng	0.00
42) 2,4,6-Tribromophenol	15.677	330	445921	164.857	ng	0.00
45) 2-Fluorobiphenyl	12.792	172	947366	107.609	ng	0.00
79) Terphenyl-d14	19.502	244	2106338	114.135	ng	0.00
Target Compounds						Qvalue

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

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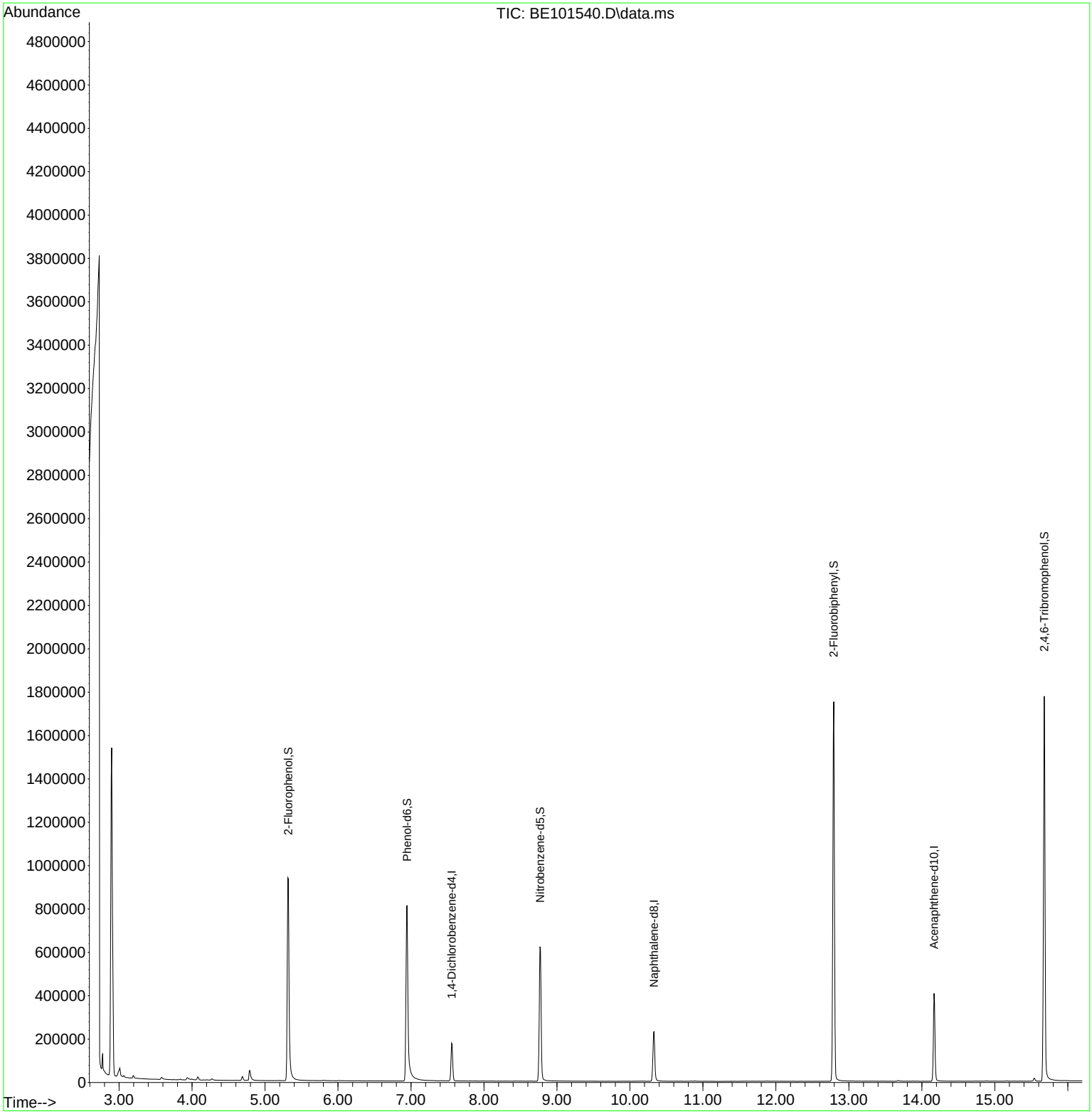

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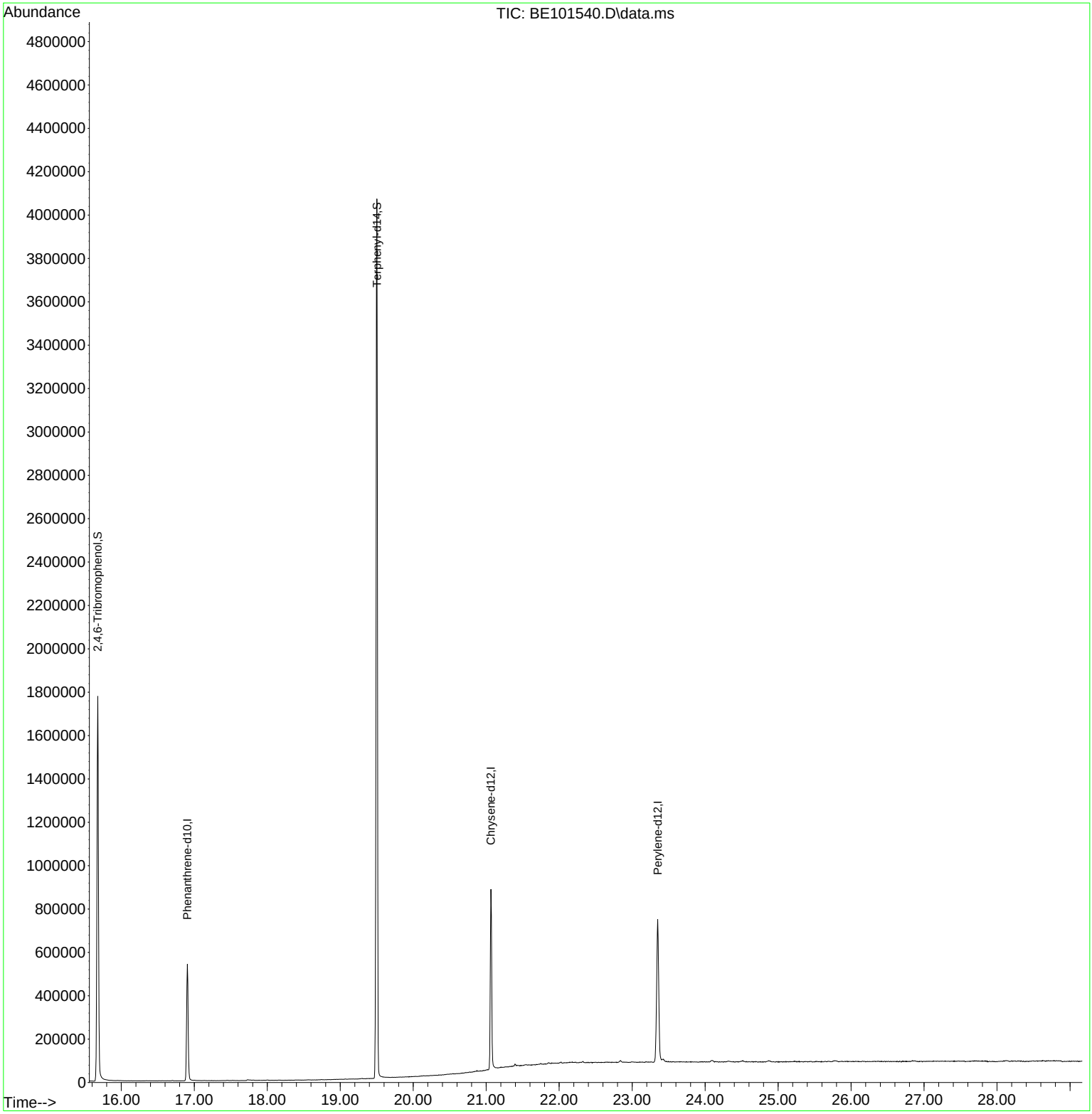
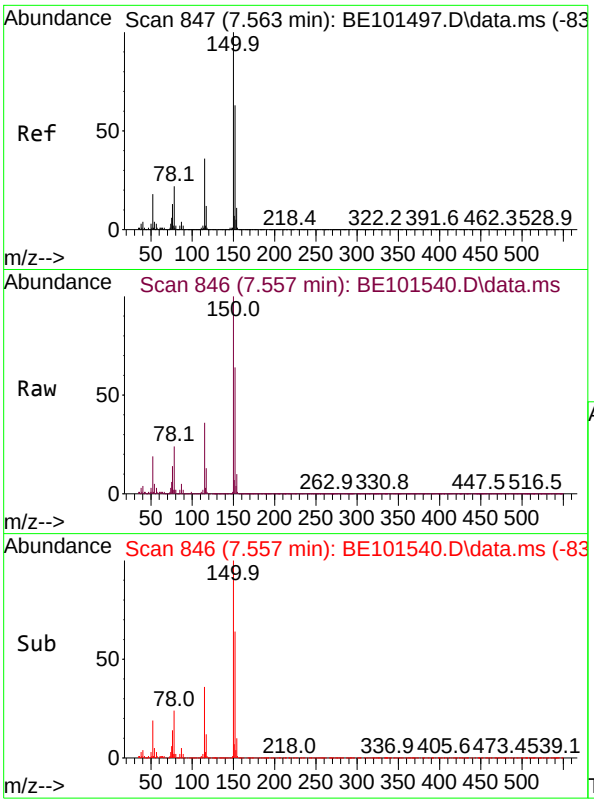


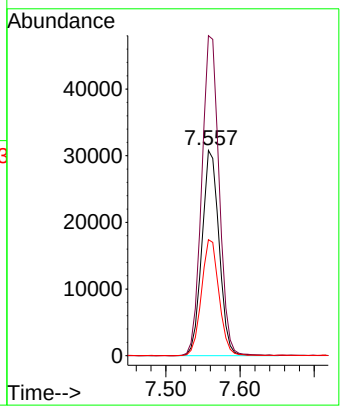


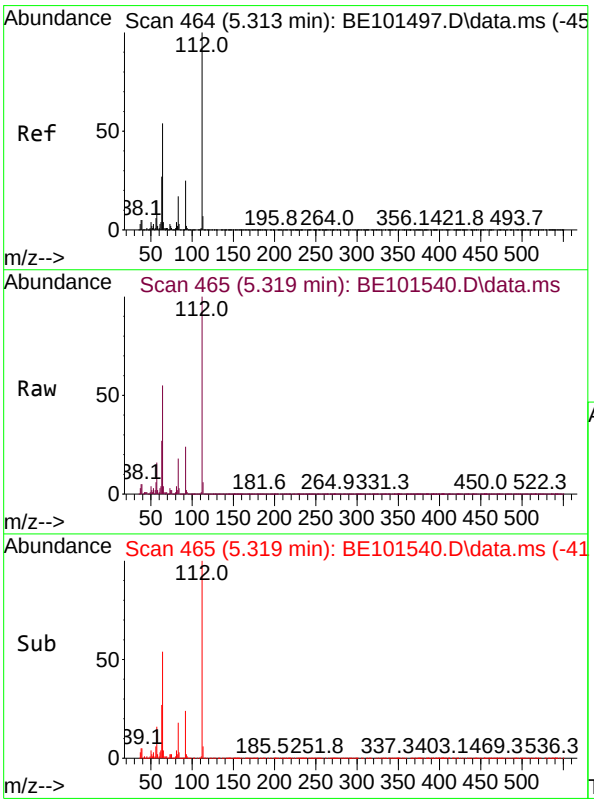
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.557 min Scan# 84
Delta R.T. -0.006 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

Instrument :
BNA_E
ClientSampleId :
JC-701-COMP-01

Tgt Ion:152 Resp: 49415

Ion	Ratio	Lower	Upper
152	100		
150	155.9	126.3	189.5
115	56.5	45.0	67.4

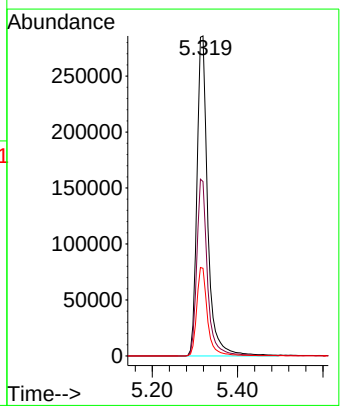


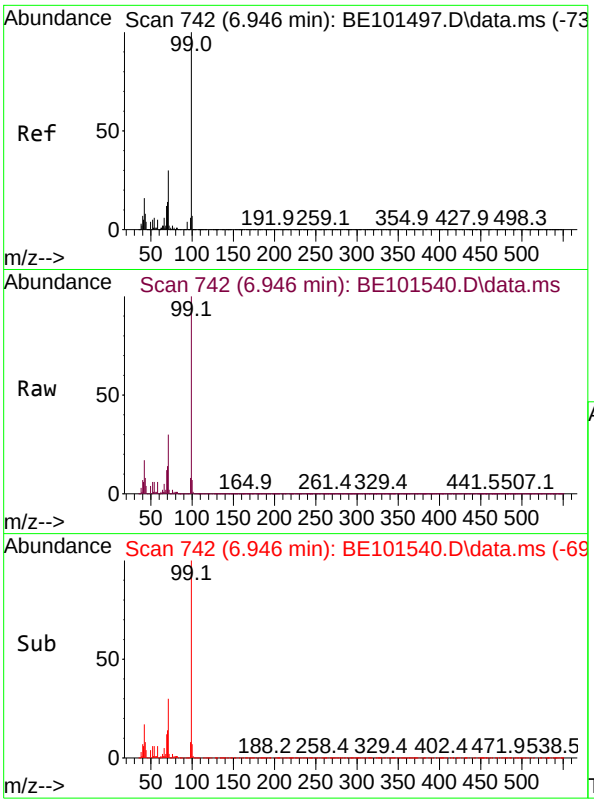


#5
2-Fluorophenol
Concen: 179.184 ng
RT: 5.319 min Scan# 465
Delta R.T. 0.006 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

Tgt Ion:112 Resp: 500762

Ion	Ratio	Lower	Upper
112	100		
64	54.5	43.2	64.8
63	27.4	21.8	32.6



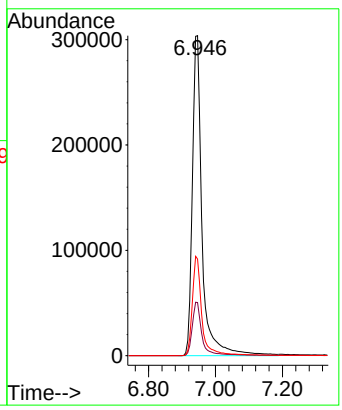


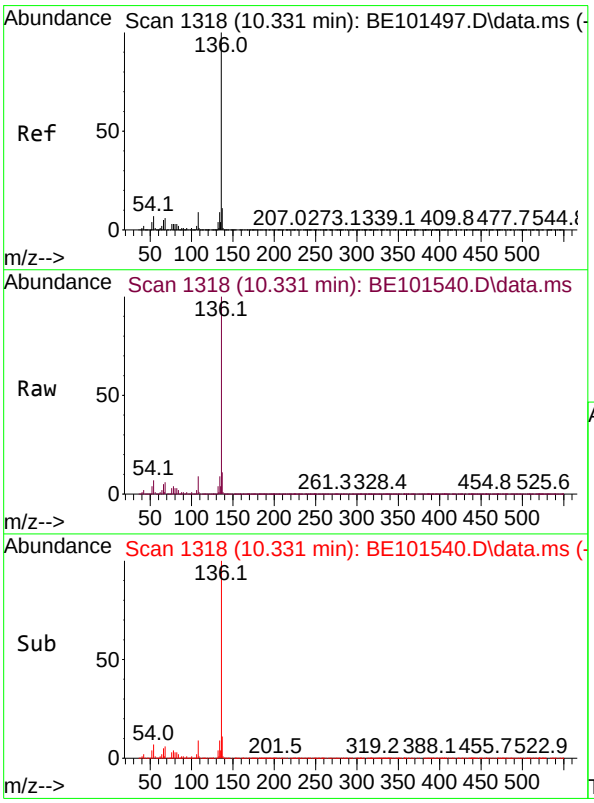
#7
Phenol-d6
Concen: 160.946 ng
RT: 6.946 min Scan# 74
Delta R.T. -0.000 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

Instrument :
BNA_E
ClientSampleId :
JC-701-COMP-01

Tgt Ion: 99 Resp: 616703

Ion	Ratio	Lower	Upper
99	100		
42	16.6	12.5	18.7
71	30.2	24.2	36.2

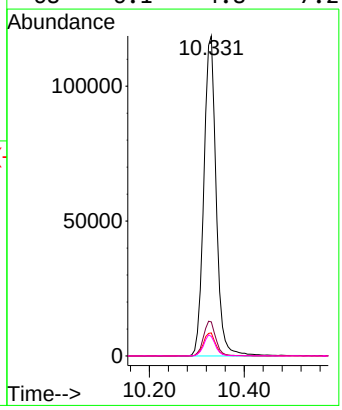


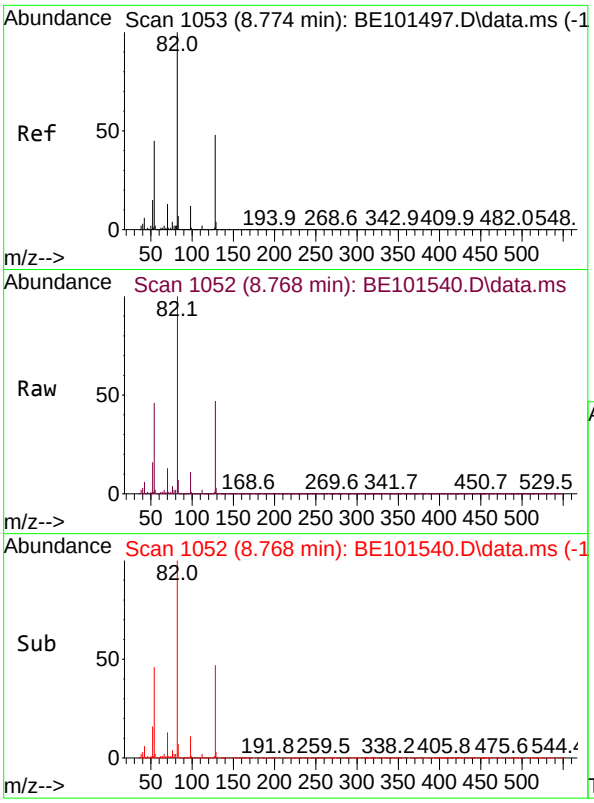


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.331 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

Tgt Ion:136 Resp: 214151

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.2	5.6	8.4
68	6.1	4.8	7.2



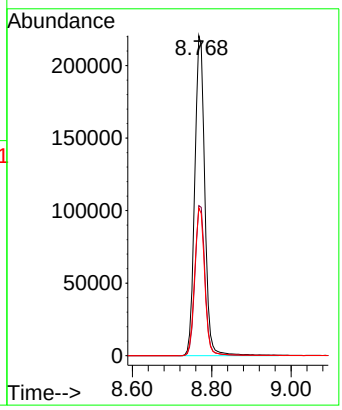


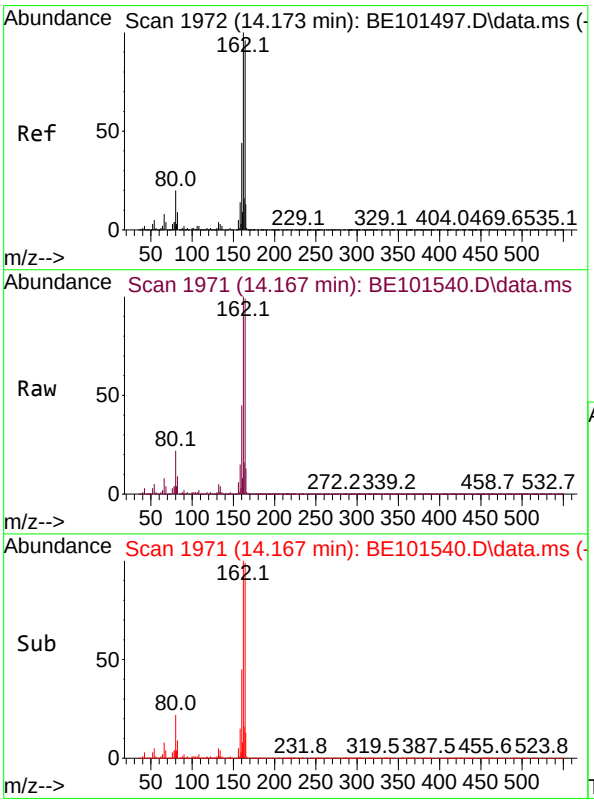
#23
Nitrobenzene-d5
Concen: 113.876 ng
RT: 8.768 min Scan# 1
Delta R.T. -0.006 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

Instrument :
BNA_E
ClientSampleId :
JC-701-COMP-01

Tgt Ion: 82 Resp: 386078

Ion	Ratio	Lower	Upper
82	100		
128	46.9	38.6	58.0
54	46.2	36.3	54.5

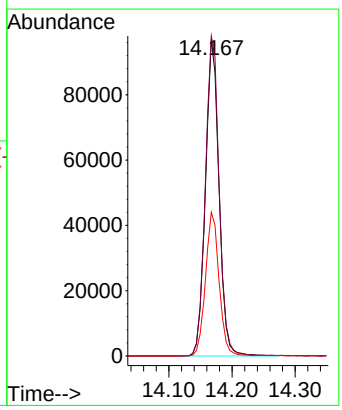


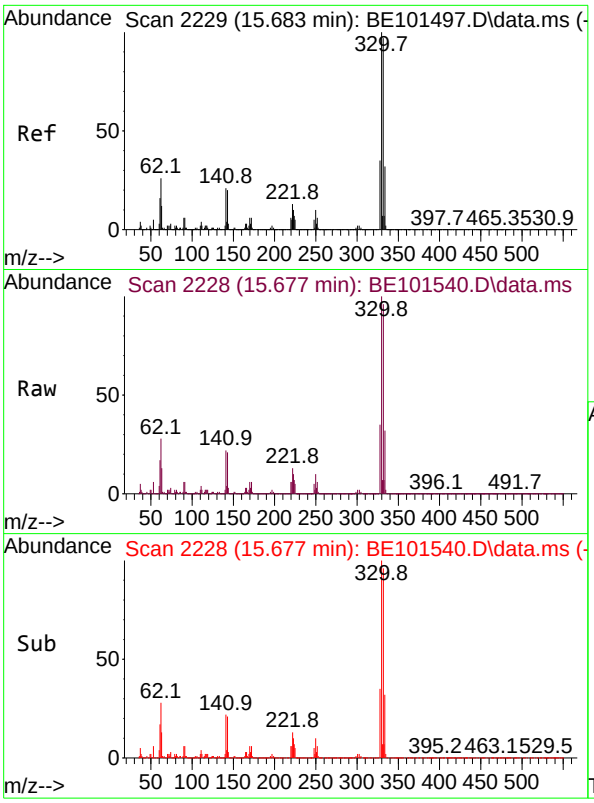


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.167 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

Tgt Ion:164 Resp: 143748

Ion	Ratio	Lower	Upper
164	100		
162	101.1	83.7	125.5
160	45.4	37.1	55.7



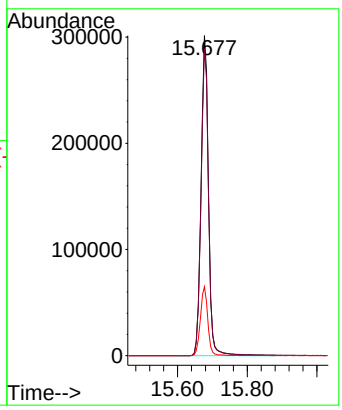


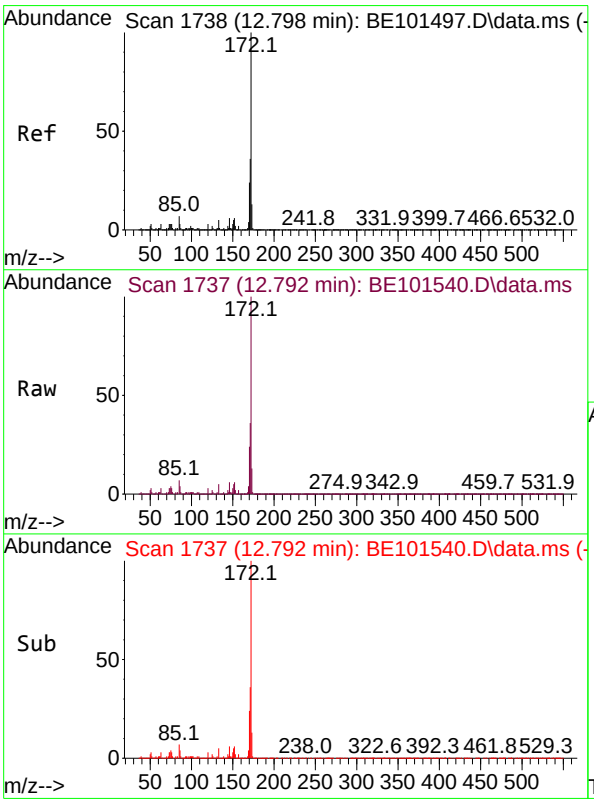
#42
2,4,6-Tribromophenol
Concen: 164.857 ng
RT: 15.677 min Scan# 2
Delta R.T. -0.006 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

Instrument :
BNA_E
ClientSampleId :
JC-701-COMP-01

Tgt Ion:330 Resp: 445921

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.7	116.5
141	21.7	17.0	25.4

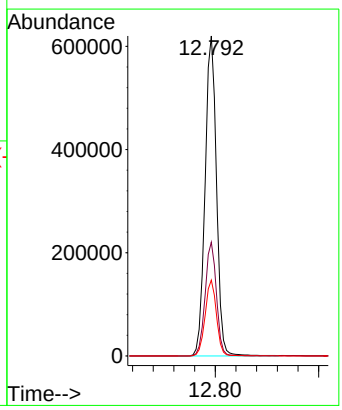


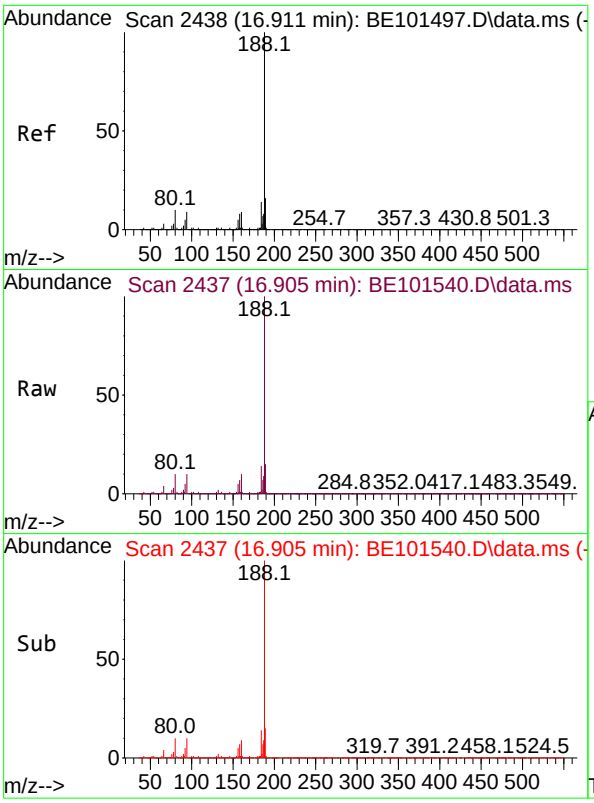


#45
2-Fluorobiphenyl
Concen: 107.609 ng
RT: 12.792 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

Tgt Ion:172 Resp: 947366

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.7	18.9	28.3



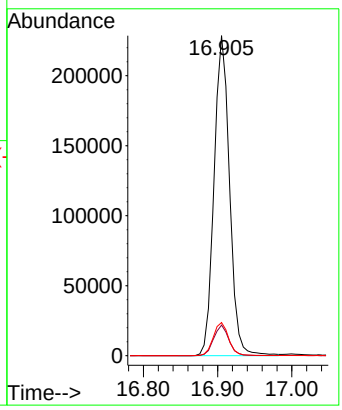


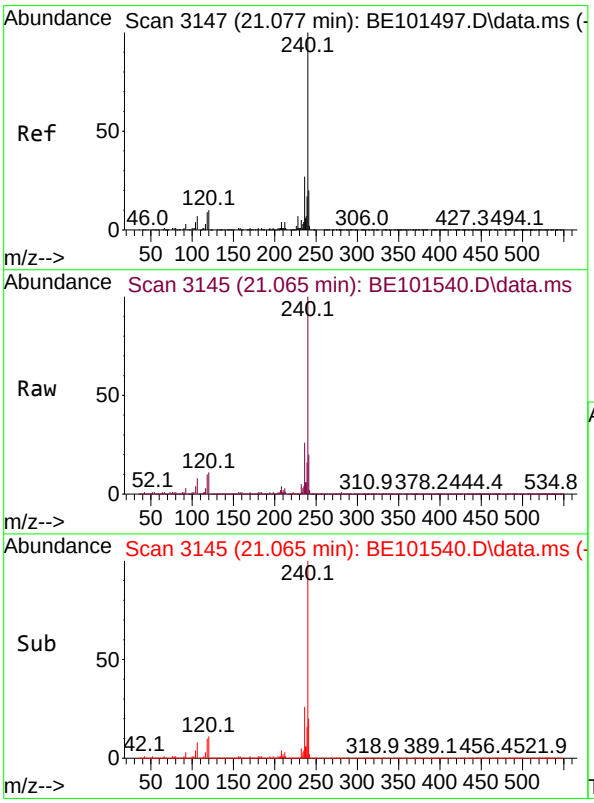
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.905 min Scan# 24
Delta R.T. -0.006 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

Instrument :
BNA_E
ClientSampleId :
JC-701-COMP-01

Tgt Ion:188 Resp: 331300

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.4	11.2
80	10.3	8.0	12.0

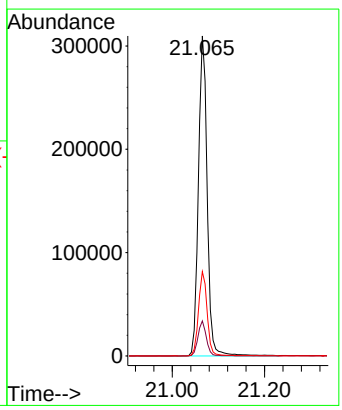


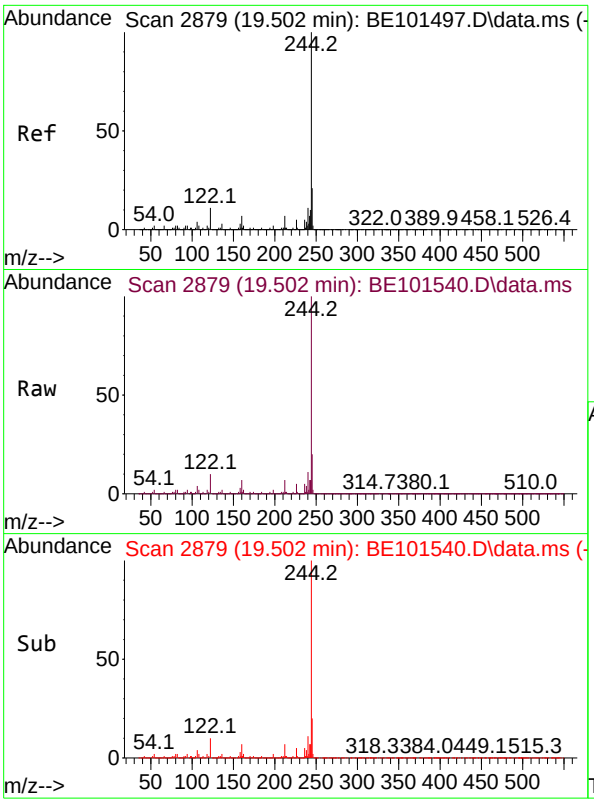


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3145
Delta R.T. -0.012 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

Tgt Ion:240 Resp: 408509

Ion	Ratio	Lower	Upper
240	100		
120	11.0	8.2	12.4
236	26.4	21.4	32.2



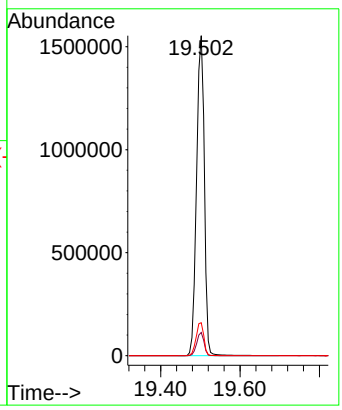


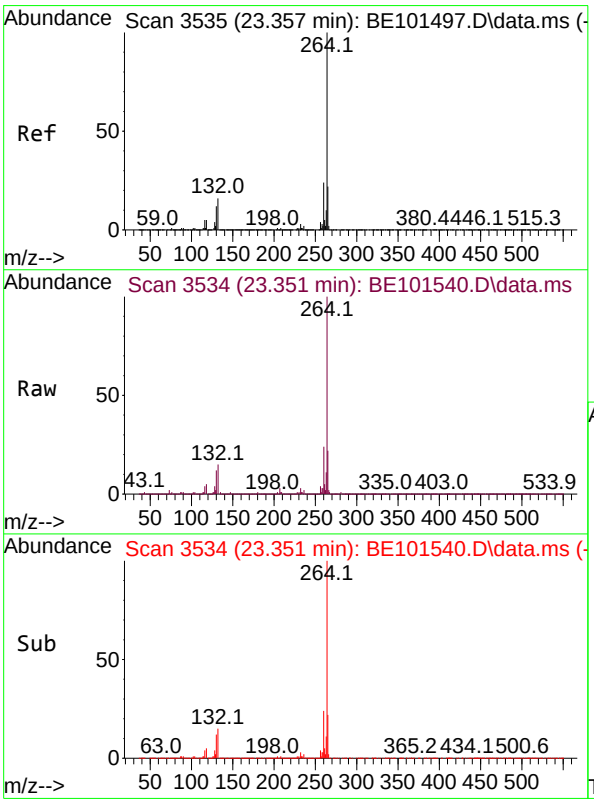
#79
Terphenyl-d14
Concen: 114.135 ng
RT: 19.502 min Scan# 2
Delta R.T. -0.000 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

Instrument :
BNA_E
ClientSampleId :
JC-701-COMP-01

Tgt Ion:244 Resp: 2106338

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.3	8.4	12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.351 min Scan# 3534
Delta R.T. -0.006 min
Lab File: BE101540.D
Acq: 7 Nov 2024 20:26

Tgt Ion:264 Resp: 515447

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.2
265	21.9	17.4	26.2