Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110724\
Data File : BE101530.D
Acq On : 7 Nov 2024 14:31
Operator : RC/JU
Sample : P4711-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
CF-613-COMP-17

Quant Time: Nov 07 14:13:47 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	7.559	152	52015	20.000	ng	0.00
21) Naphthalene-d8	10.326	136	217168	20.000	ng	0.00
39) Acenaphthene-d10	14.169	164	126302	20.000	ng	0.00
64) Phenanthrene-d10	16.907	188	320318	20.000	ng	0.00
76) Chrysene-d12	21.067	240	355224	20.000	ng	-0.01
86) Perylene-d12	23.352	264	115918	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.315	112	439838	149.517	ng	0.00
7) Phenol-d6	6.942	99	486198	120.545	ng	0.00
23) Nitrobenzene-d5	8.769	82	359492	104.561	ng	0.00
42) 2,4,6-Tribromophenol	15.679	330	402839	169.501	ng	0.00
45) 2-Fluorobiphenyl	12.794	172	896499	115.897	ng	0.00
79) Terphenyl-d14	19.504	244	1991901	124.124	ng	0.00
Target Compounds						Qvalue

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

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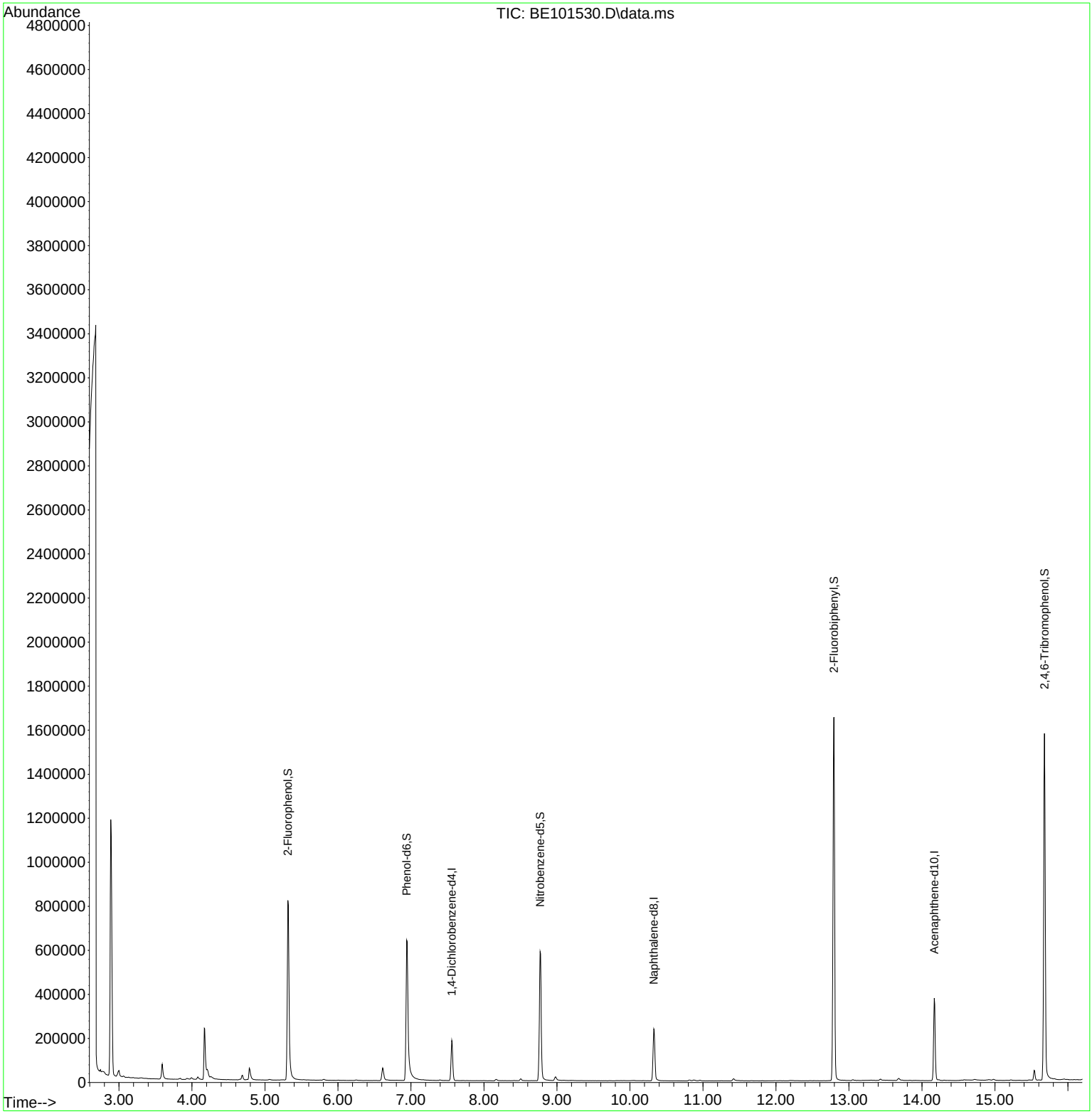

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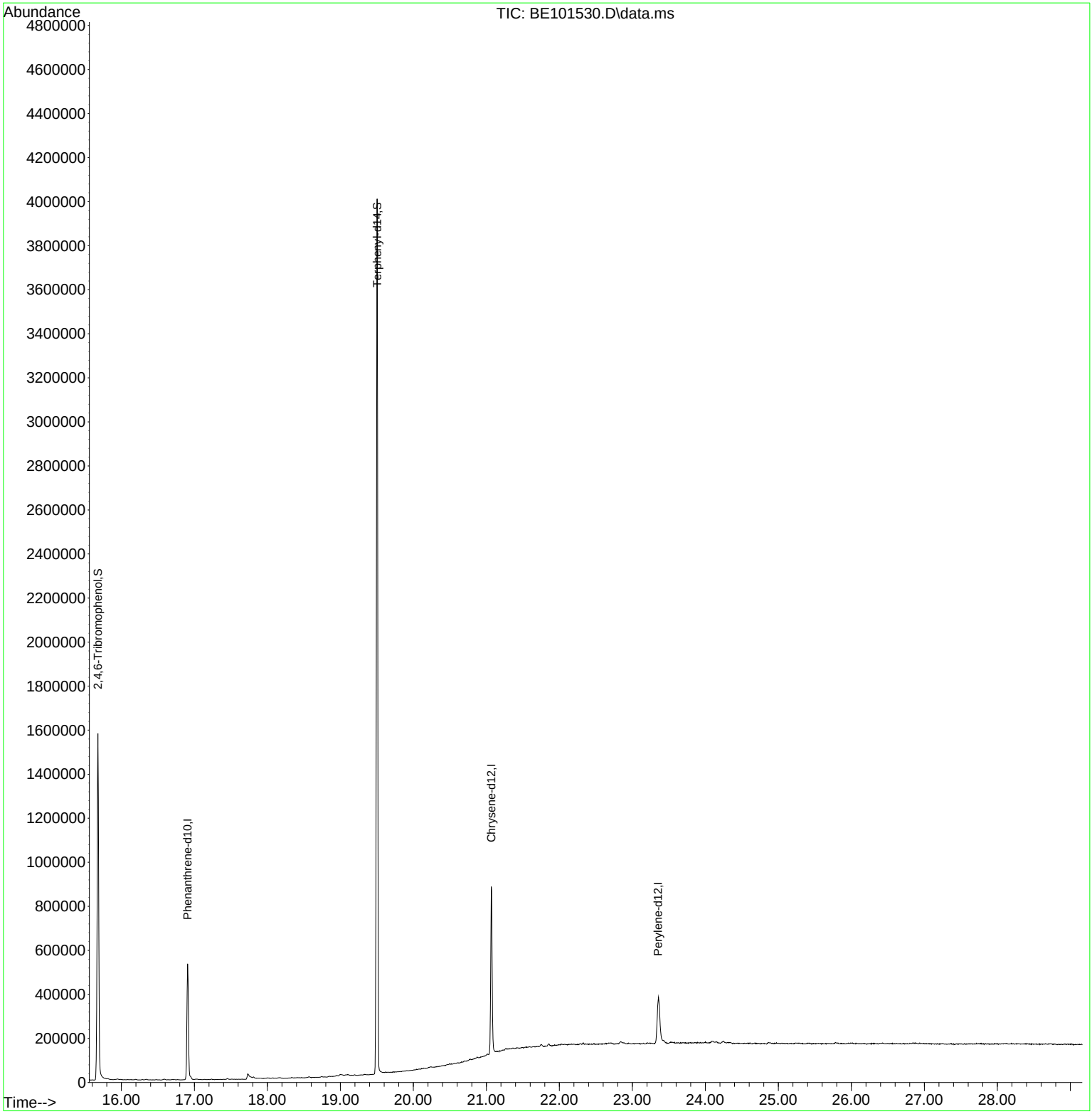
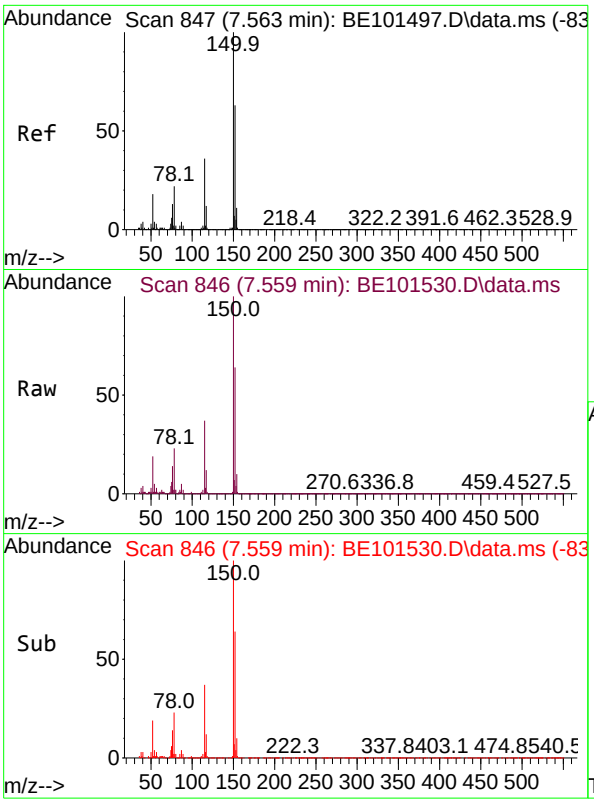


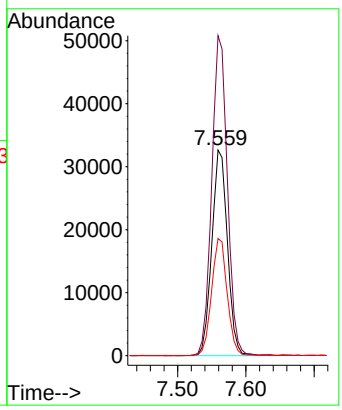


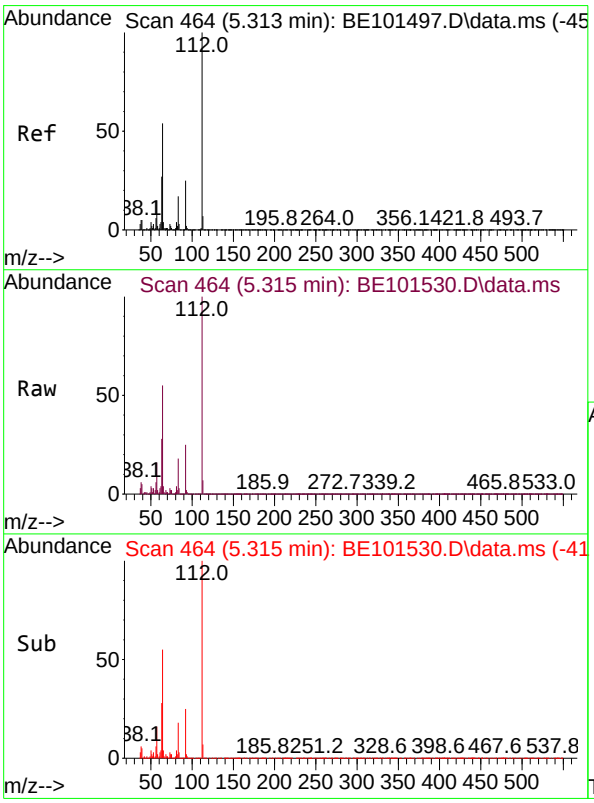
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.559 min Scan# 84
Delta R.T. -0.004 min
Lab File: BE101530.D
Acq: 7 Nov 2024 14:31

Instrument :
BNA_E
ClientSampleId :
CF-613-COMP-17

Tgt Ion:152 Resp: 52015

Ion	Ratio	Lower	Upper
152	100		
150	155.6	126.3	189.5
115	57.0	45.0	67.4

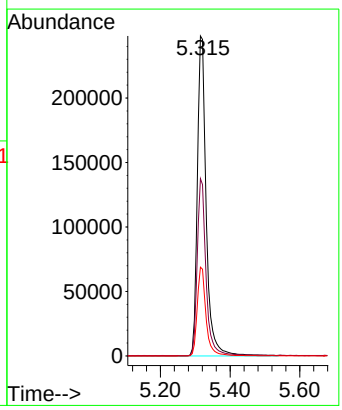


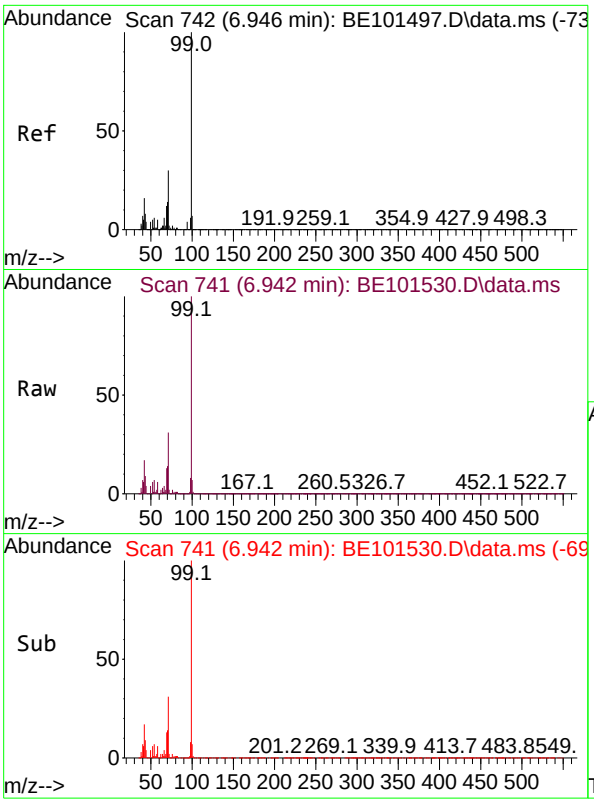


#5
2-Fluorophenol
Concen: 149.517 ng
RT: 5.315 min Scan# 464
Delta R.T. 0.002 min
Lab File: BE101530.D
Acq: 7 Nov 2024 14:31

Tgt Ion:112 Resp: 439838

Ion	Ratio	Lower	Upper
112	100		
64	55.4	43.2	64.8
63	27.8	21.8	32.6



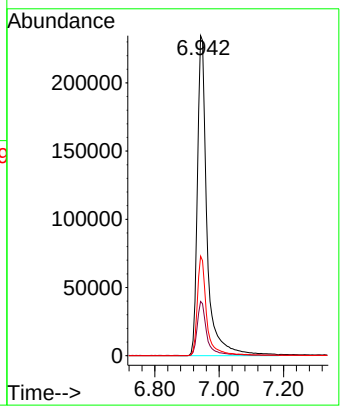


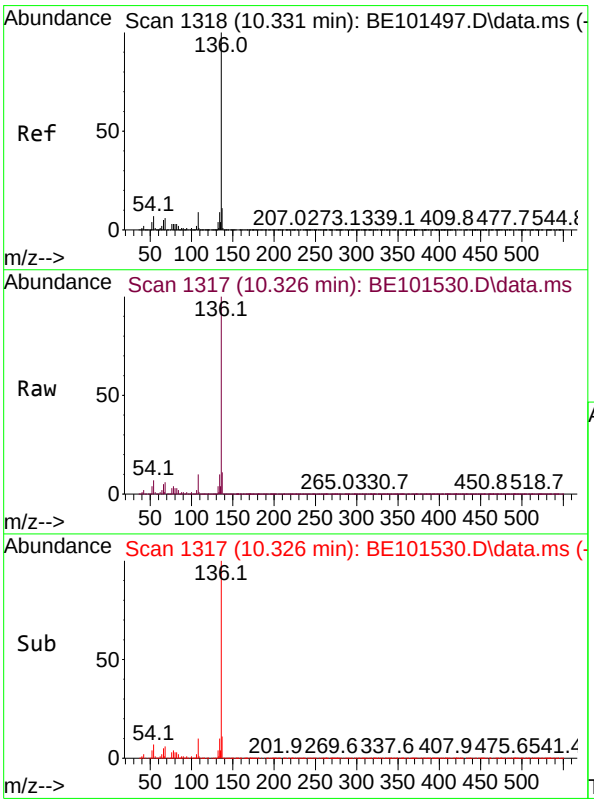
#7
Phenol-d6
Concen: 120.545 ng
RT: 6.942 min Scan# 7
Delta R.T. -0.004 min
Lab File: BE101530.D
Acq: 7 Nov 2024 14:31

Instrument :
BNA_E
ClientSampleId :
CF-613-COMP-17

Tgt Ion: 99 Resp: 486198

Ion	Ratio	Lower	Upper
99	100		
42	17.0	12.5	18.7
71	31.1	24.2	36.2

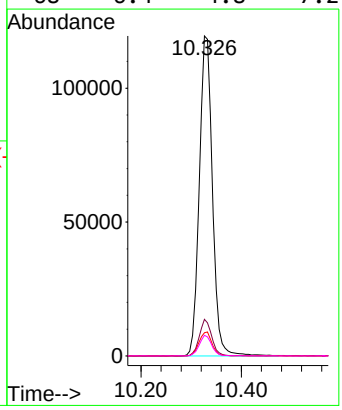


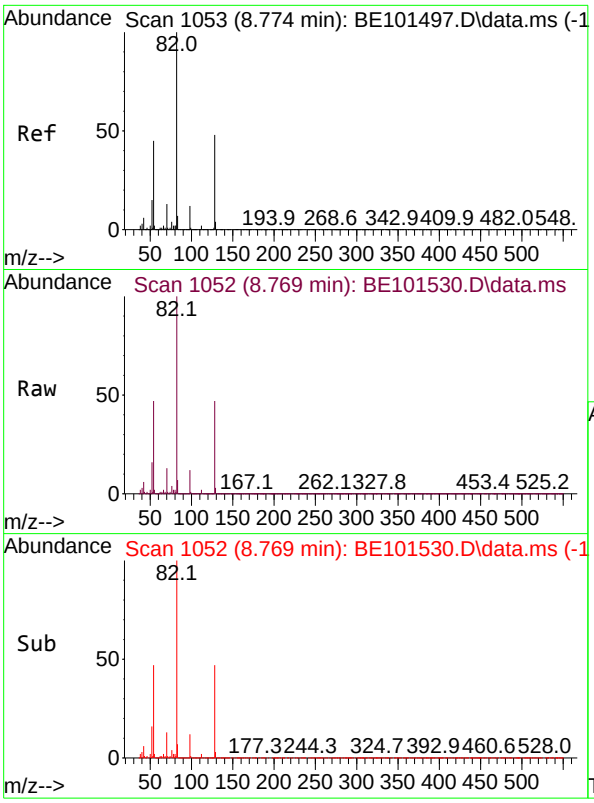


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.326 min Scan# 1317
Delta R.T. -0.004 min
Lab File: BE101530.D
Acq: 7 Nov 2024 14:31

Tgt Ion:136 Resp: 217168

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	7.3	5.6	8.4
68	6.4	4.8	7.2



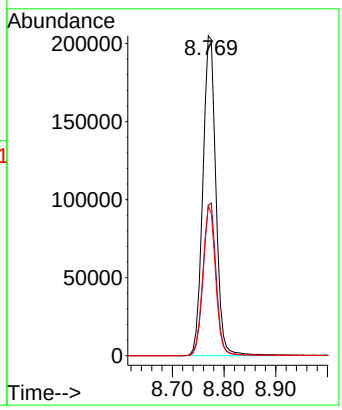


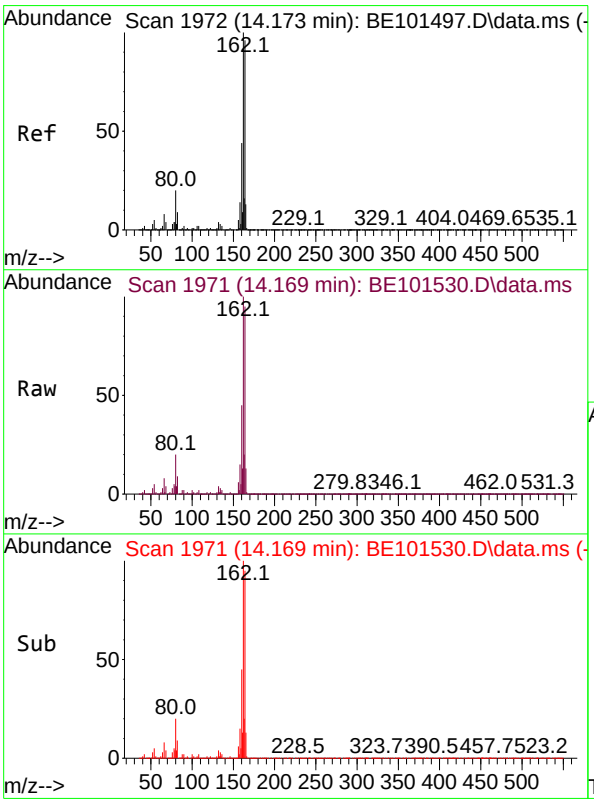
#23
Nitrobenzene-d5
Concen: 104.561 ng
RT: 8.769 min Scan# 1
Delta R.T. -0.004 min
Lab File: BE101530.D
Acq: 7 Nov 2024 14:31

Instrument :
BNA_E
ClientSampleId :
CF-613-COMP-17

Tgt Ion: 82 Resp: 359492

Ion	Ratio	Lower	Upper
82	100		
128	47.0	38.6	58.0
54	46.9	36.3	54.5

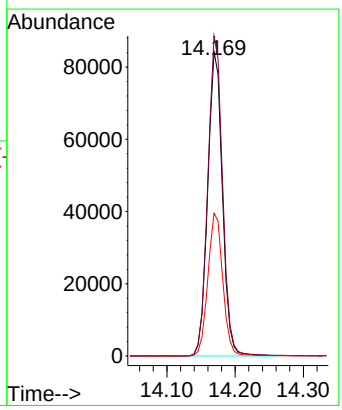


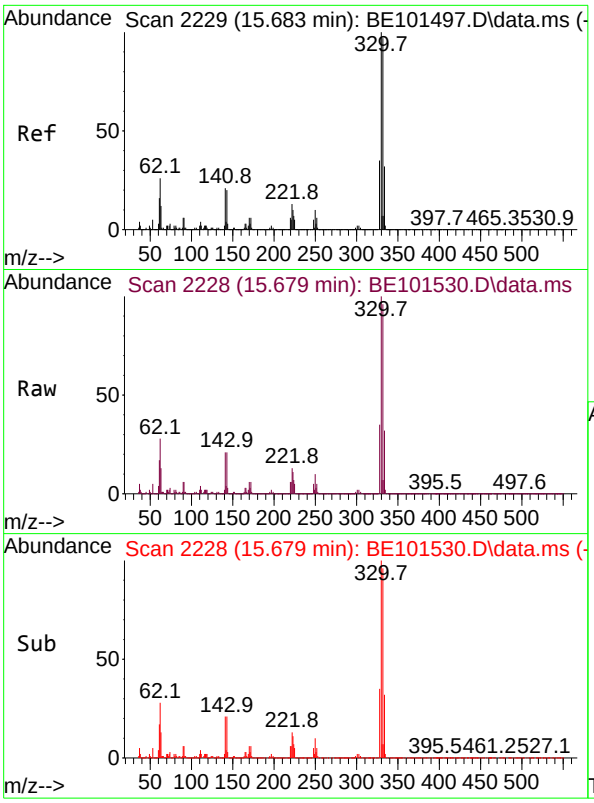


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.169 min Scan# 1971
Delta R.T. -0.004 min
Lab File: BE101530.D
Acq: 7 Nov 2024 14:31

Tgt Ion:164 Resp: 126302

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.7	125.5
160	46.9	37.1	55.7



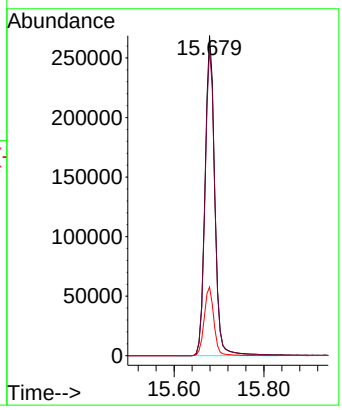


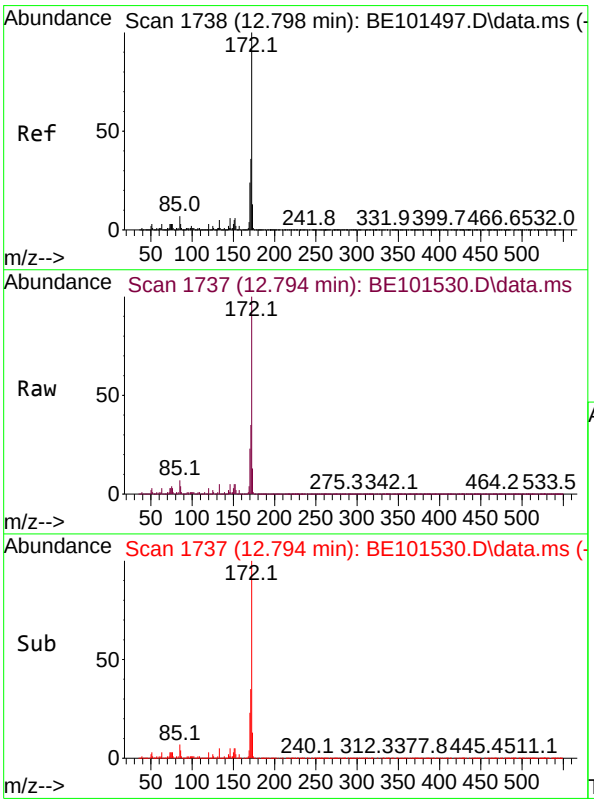
#42
2,4,6-Tribromophenol
Concen: 169.501 ng
RT: 15.679 min Scan# 2
Delta R.T. -0.004 min
Lab File: BE101530.D
Acq: 7 Nov 2024 14:31

Instrument :
BNA_E
ClientSampleId :
CF-613-COMP-17

Tgt Ion:330 Resp: 402839

Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.7	116.5
141	21.5	17.0	25.4

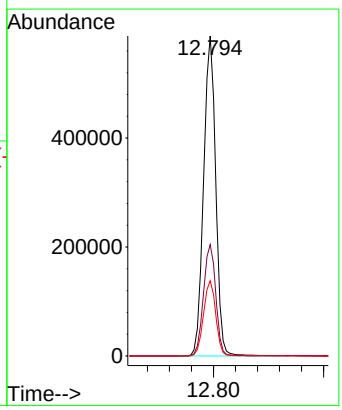


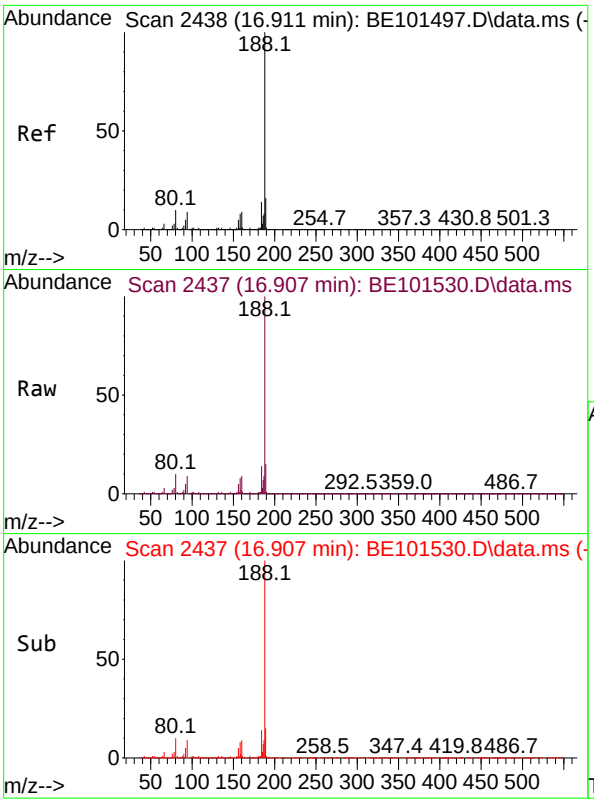


#45
2-Fluorobiphenyl
Concen: 115.897 ng
RT: 12.794 min Scan# 1737
Delta R.T. -0.004 min
Lab File: BE101530.D
Acq: 7 Nov 2024 14:31

Tgt Ion:172 Resp: 896499

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.6	43.0
170	23.5	18.9	28.3



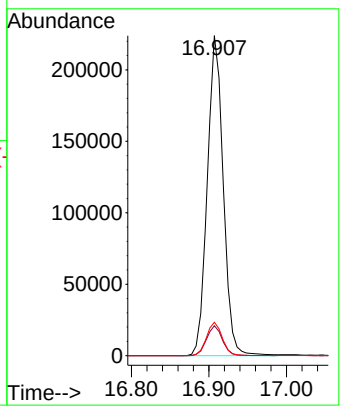


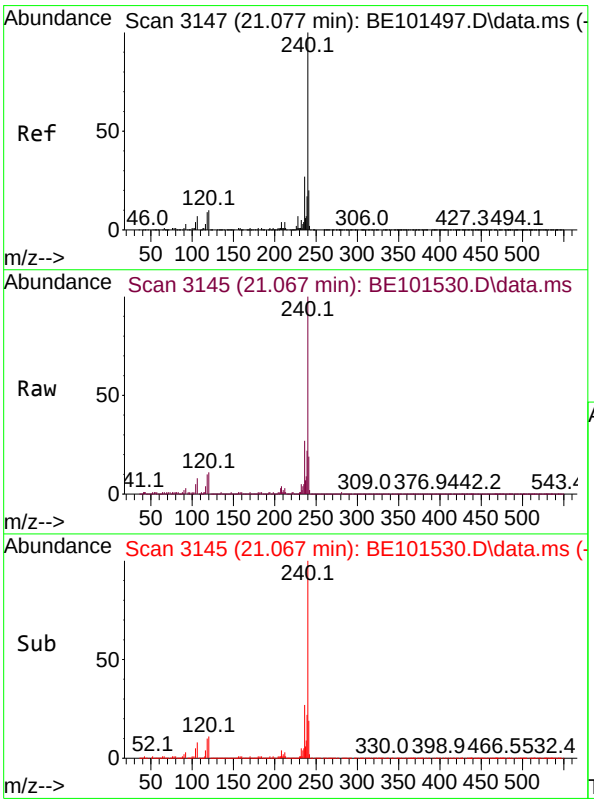
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.907 min Scan# 24
Delta R.T. -0.004 min
Lab File: BE101530.D
Acq: 7 Nov 2024 14:31

Instrument :
BNA_E
ClientSampleId :
CF-613-COMP-17

Tgt Ion:188 Resp: 320318

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.4	11.2
80	10.4	8.0	12.0

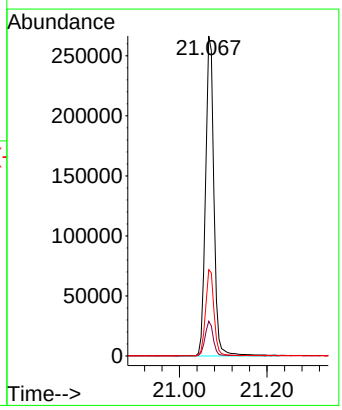


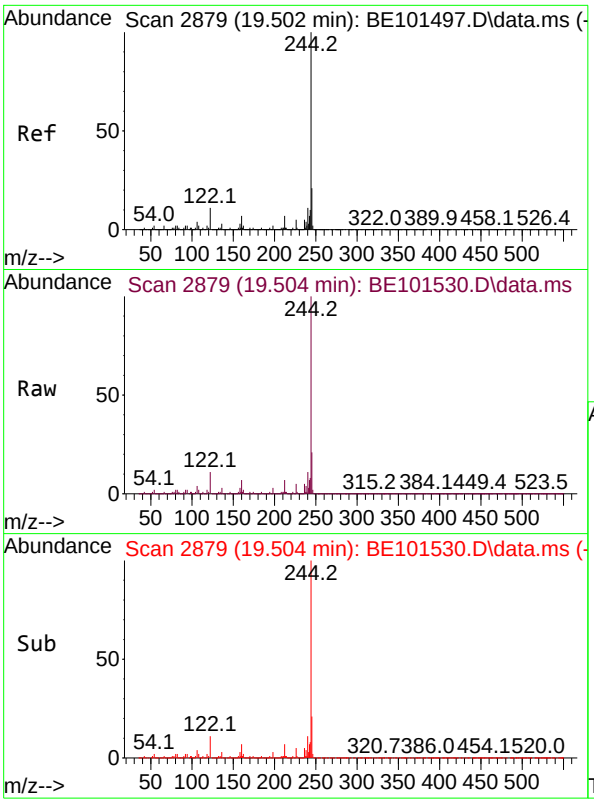


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.067 min Scan# 3145
Delta R.T. -0.010 min
Lab File: BE101530.D
Acq: 7 Nov 2024 14:31

Tgt Ion:240 Resp: 355224

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.2	12.4
236	27.0	21.4	32.2



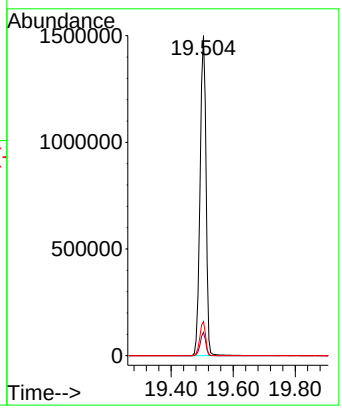


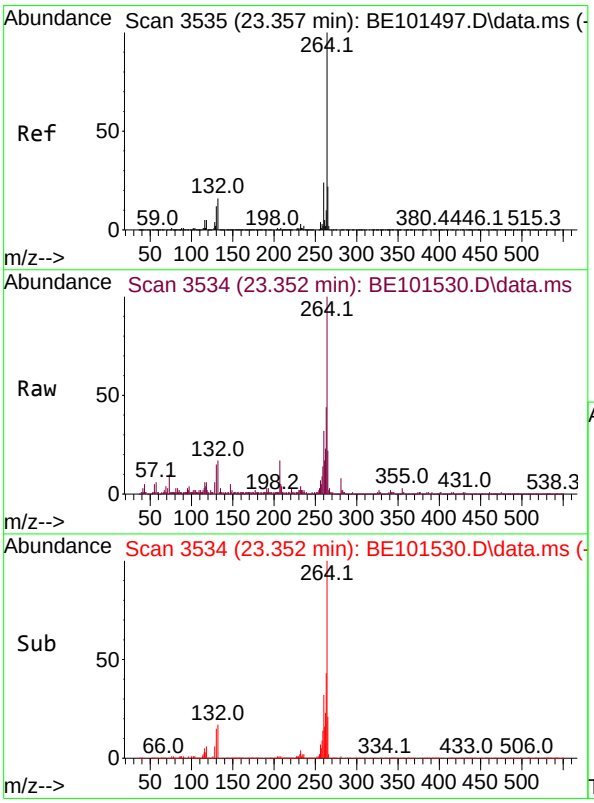
#79
Terphenyl-d14
Concen: 124.124 ng
RT: 19.504 min Scan# 2
Delta R.T. 0.002 min
Lab File: BE101530.D
Acq: 7 Nov 2024 14:31

Instrument :
BNA_E
ClientSampleId :
CF-613-COMP-17

Tgt Ion:244 Resp: 1991901

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.7	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: BE101530.D
Acq: 7 Nov 2024 14:31

Tgt Ion:264 Resp: 115918

Ion	Ratio	Lower	Upper
264	100		
260	31.9	19.4	29.2#
265	21.8	17.4	26.2