Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
Data File : BE101509.D
Acq On : 6 Nov 2024 23:27
Operator : RC/JU
Sample : P4667-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-F-5

Quant Time: Nov 07 01:06:22 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	7.564	152	43550	20.000	ng	0.00
21) Naphthalene-d8	10.331	136	182213	20.000	ng	0.00
39) Acenaphthene-d10	14.168	164	84237	20.000	ng	0.00
64) Phenanthrene-d10	16.906	188	273041	20.000	ng	0.00
76) Chrysene-d12	21.065	240	231938	20.000	ng	-0.01
86) Perylene-d12	23.351	264	21989	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.313	112	436598	177.263	ng	0.00
7) Phenol-d6	6.941	99	433493	128.368	ng	0.00
23) Nitrobenzene-d5	8.768	82	348924	120.956	ng	0.00
42) 2,4,6-Tribromophenol	15.678	330	409843	258.562	ng	0.00
45) 2-Fluorobiphenyl	12.793	172	864937	167.654	ng	0.00
79) Terphenyl-d14	19.503	244	1922421	183.471	ng	0.00
Target Compounds						Qvalue

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

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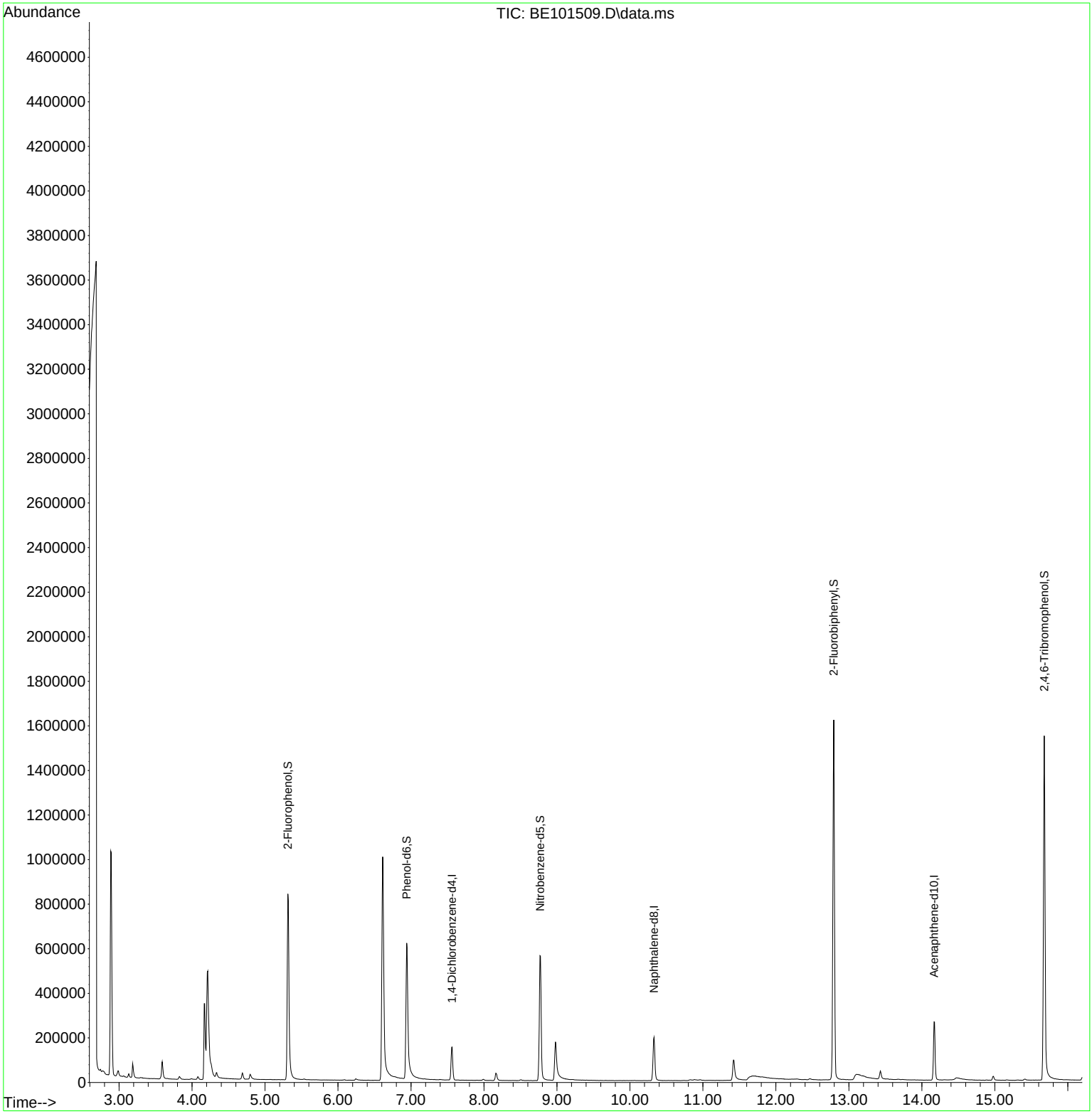

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE110624\
Data File : BE101509.D
Acq On : 6 Nov 2024 23:27
Operator : RC/JU
Sample : P4667-08
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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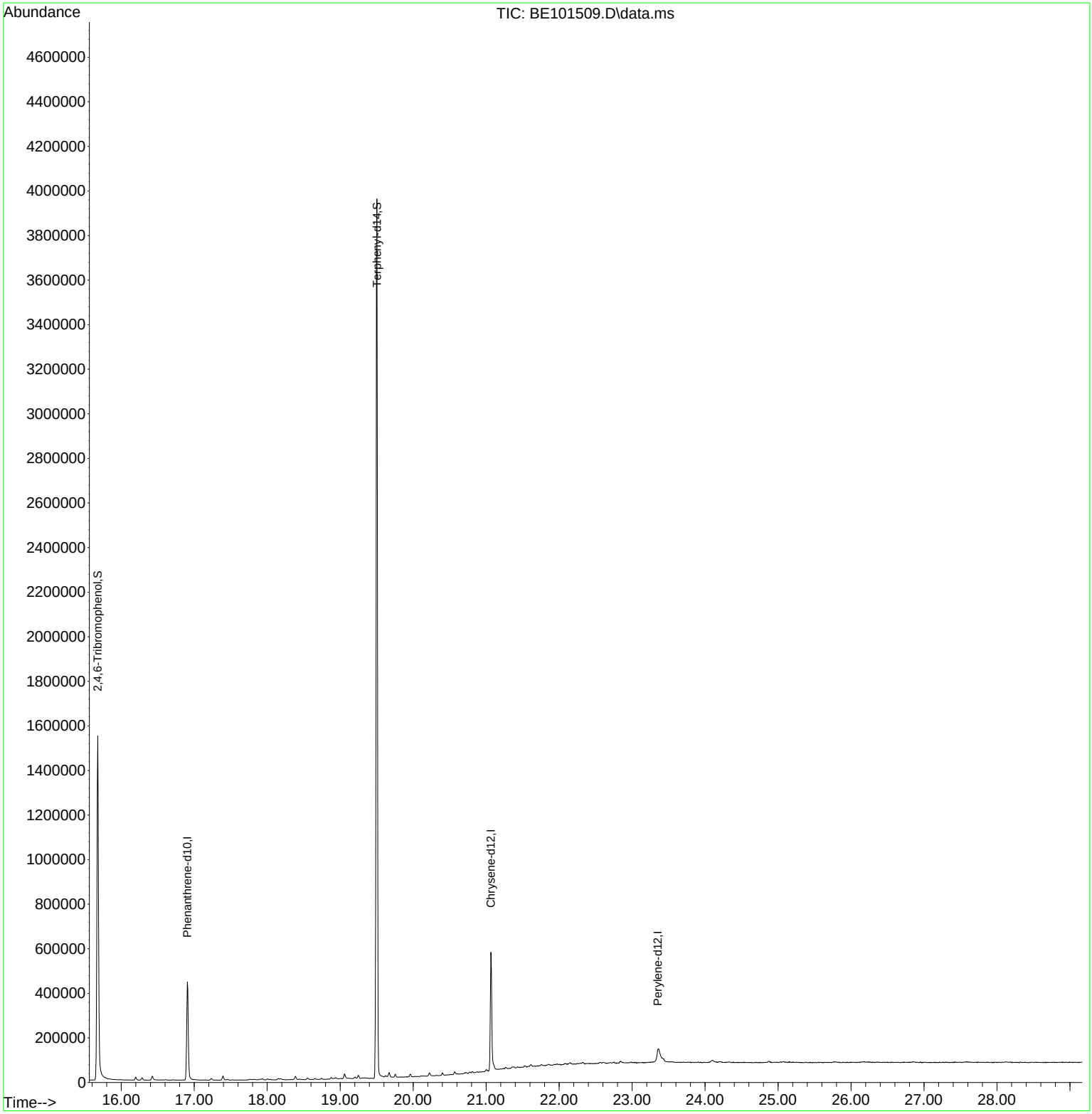
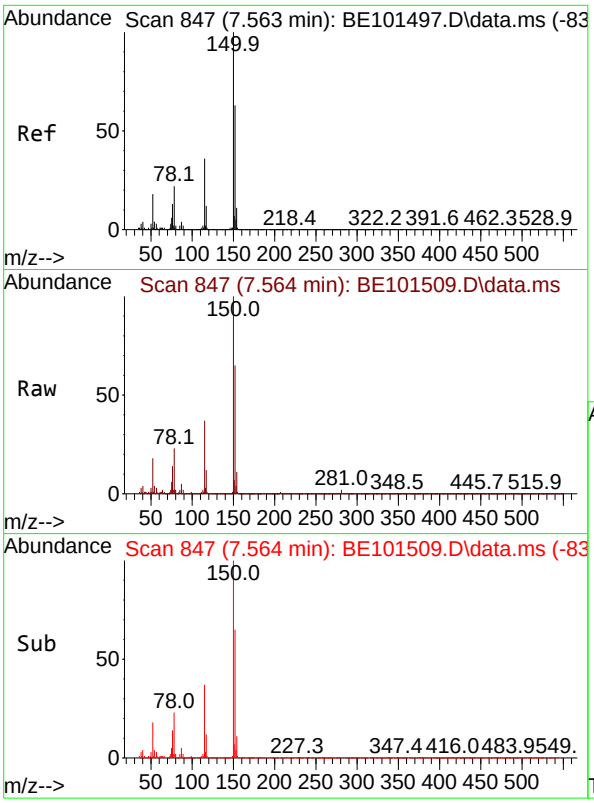


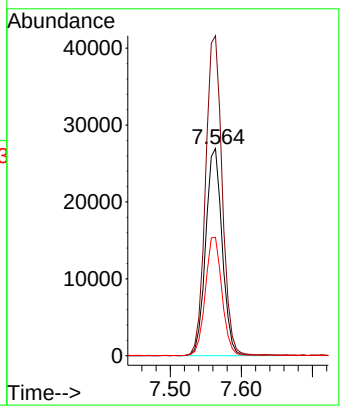


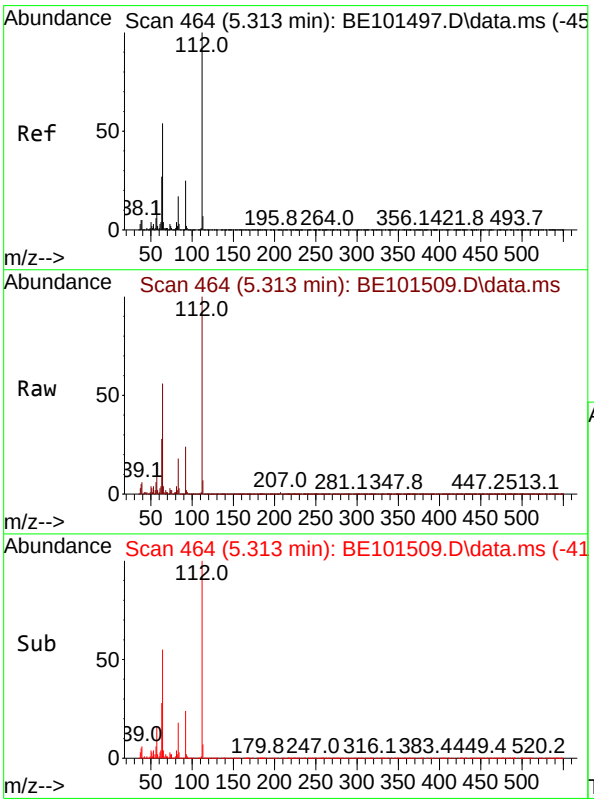
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.564 min Scan# 84
Delta R.T. 0.001 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

Instrument :
BNA_E
ClientSampleId :
BP-F-5

Tgt Ion:152 Resp: 43550

Ion	Ratio	Lower	Upper
152	100		
150	154.4	126.3	189.5
115	57.1	45.0	67.4

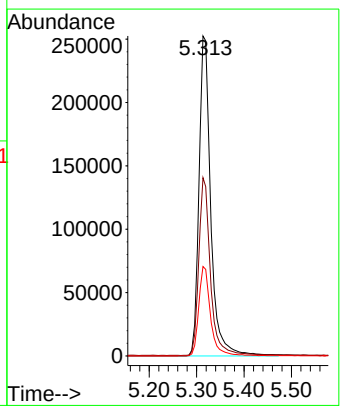


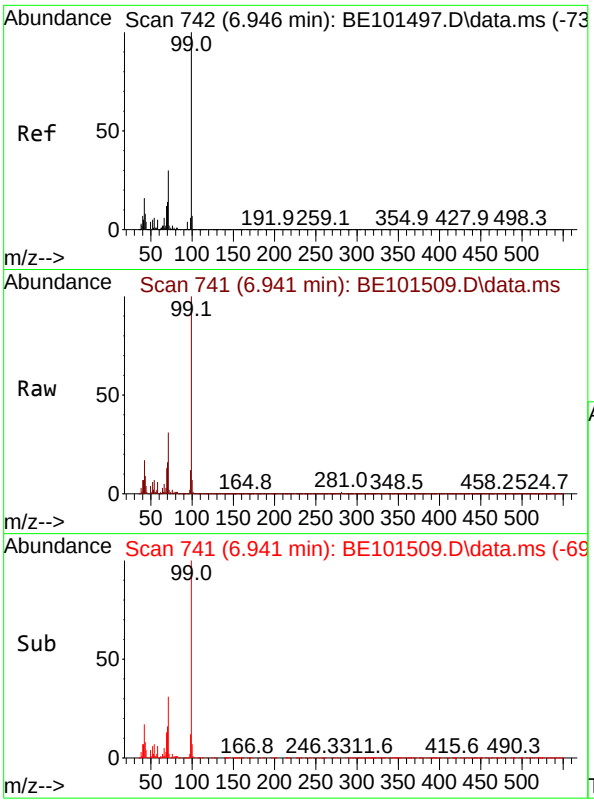


#5
2-Fluorophenol
Concen: 177.263 ng
RT: 5.313 min Scan# 464
Delta R.T. 0.000 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

Tgt Ion:112 Resp: 436598

Ion	Ratio	Lower	Upper
112	100		
64	55.7	43.2	64.8
63	28.0	21.8	32.6



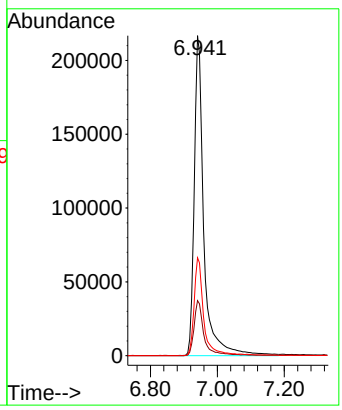


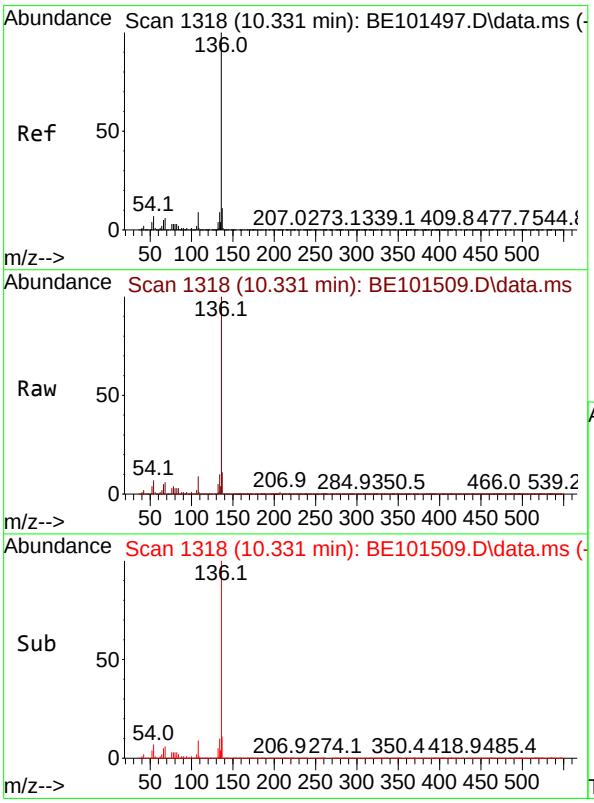
#7
Phenol-d6
Concen: 128.368 ng
RT: 6.941 min Scan# 7
Delta R.T. -0.006 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

Instrument :
BNA_E
ClientSampleId :
BP-F-5

Tgt Ion: 99 Resp: 433493

Ion	Ratio	Lower	Upper
99	100		
42	17.2	12.5	18.7
71	30.6	24.2	36.2

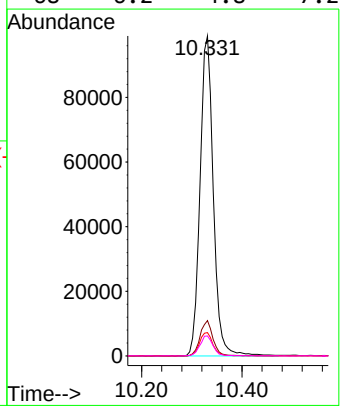


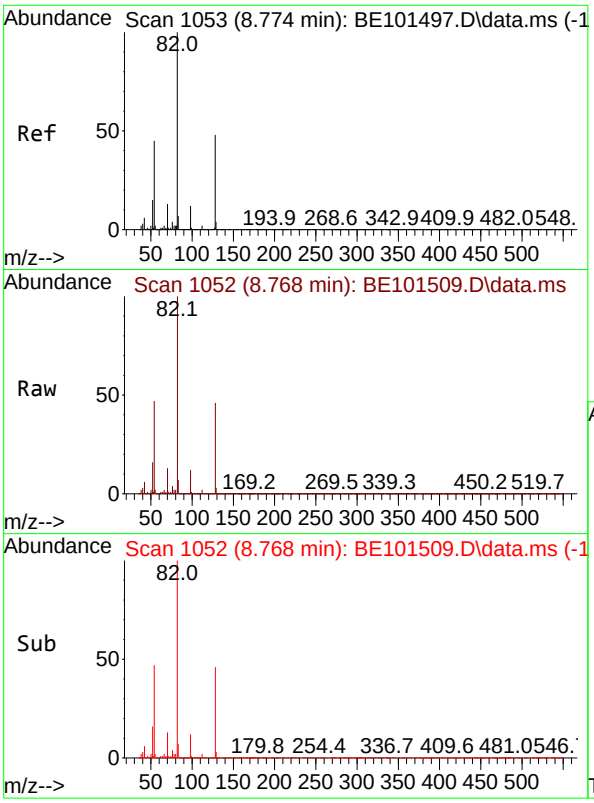


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.331 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

Tgt Ion:136 Resp: 182213

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.3	5.6	8.4
68	6.2	4.8	7.2



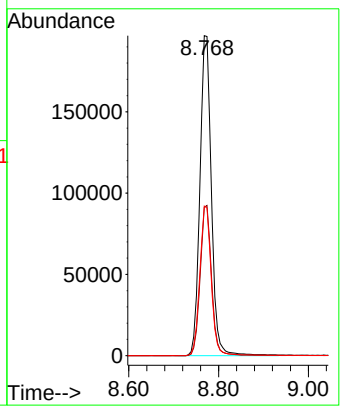


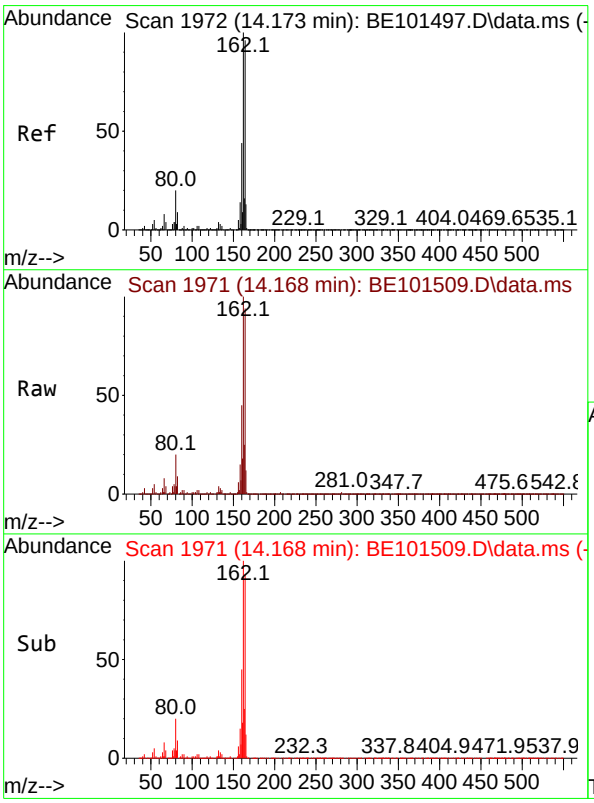
#23
Nitrobenzene-d5
Concen: 120.956 ng
RT: 8.768 min Scan# 1
Delta R.T. -0.006 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

Instrument :
BNA_E
ClientSampleId :
BP-F-5

Tgt Ion: 82 Resp: 348924

Ion	Ratio	Lower	Upper
82	100		
128	46.4	38.6	58.0
54	46.7	36.3	54.5

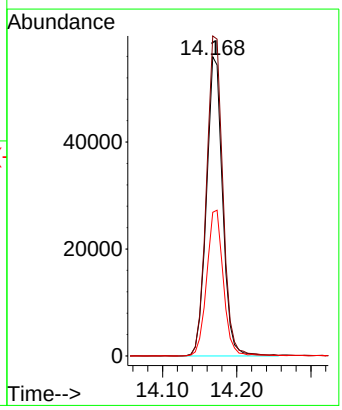


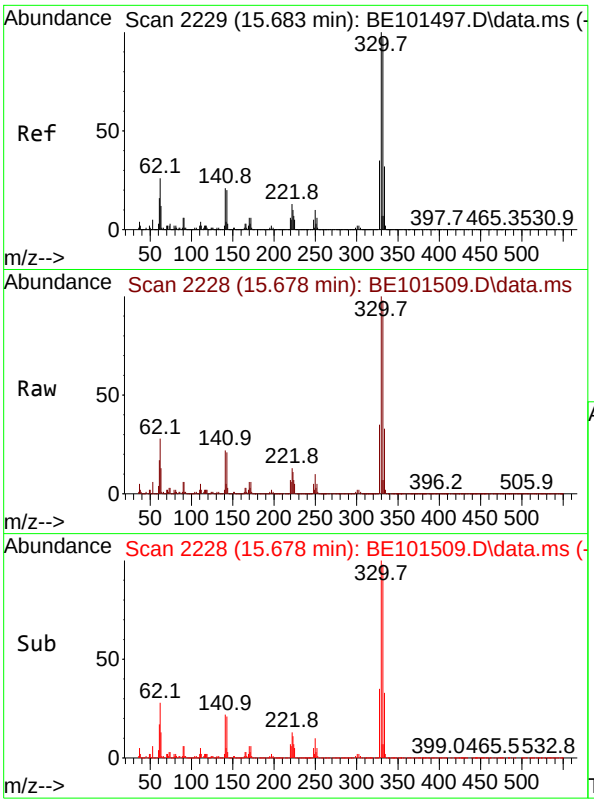


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.168 min Scan# 1971
Delta R.T. -0.006 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

Tgt Ion:164 Resp: 84237

Ion	Ratio	Lower	Upper
164	100		
162	106.9	83.7	125.5
160	48.0	37.1	55.7



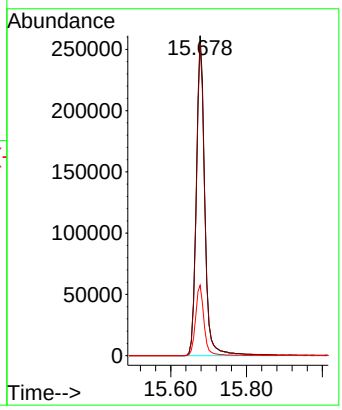


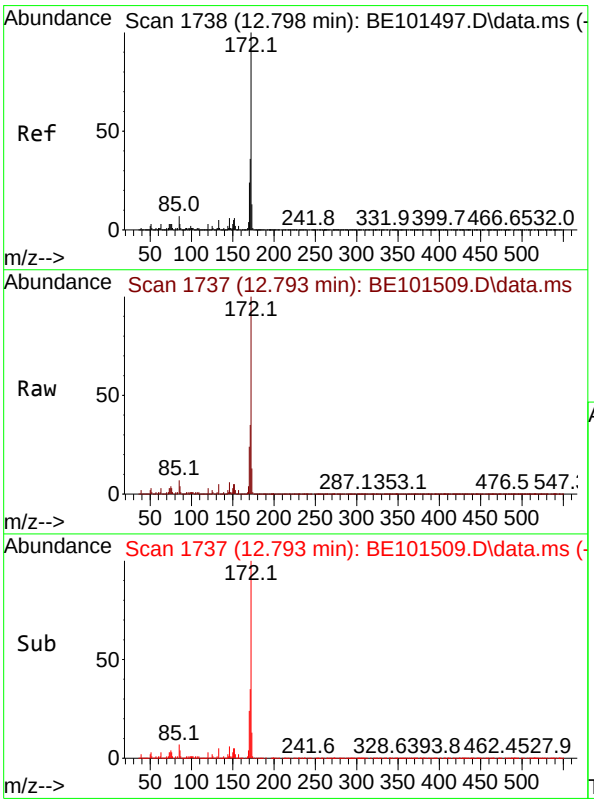
#42
2,4,6-Tribromophenol
Concen: 258.562 ng
RT: 15.678 min Scan# 2
Delta R.T. -0.006 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

Instrument :
BNA_E
ClientSampleId :
BP-F-5

Tgt Ion:330 Resp: 409843

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.7	116.5
141	21.9	17.0	25.4

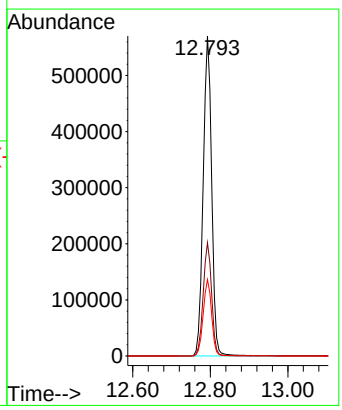


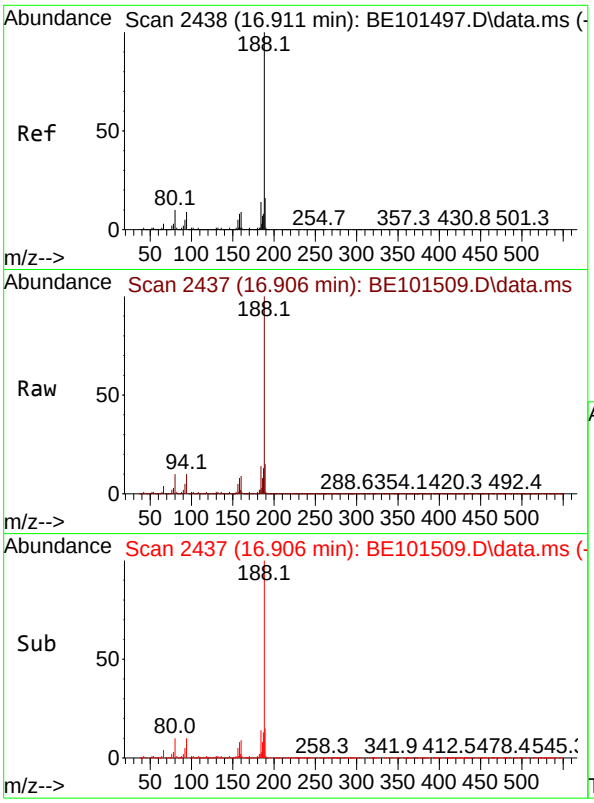


#45
2-Fluorobiphenyl
Concen: 167.654 ng
RT: 12.793 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

Tgt Ion:172 Resp: 864937

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.9	18.9	28.3



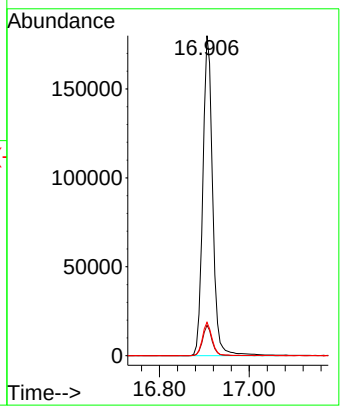


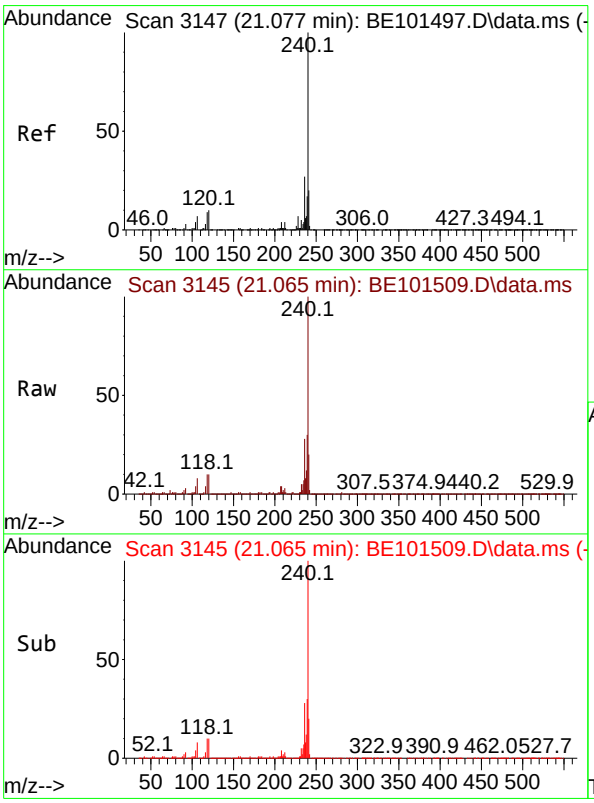
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.906 min Scan# 24
Delta R.T. -0.006 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

Instrument :
BNA_E
ClientSampleId :
BP-F-5

Tgt Ion:188 Resp: 273041

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.4	11.2
80	10.4	8.0	12.0

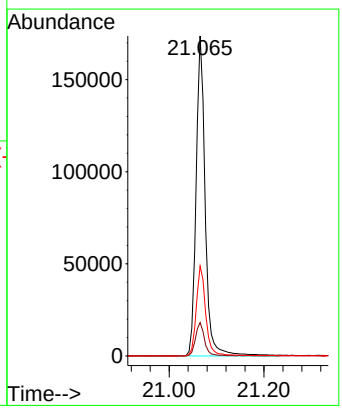


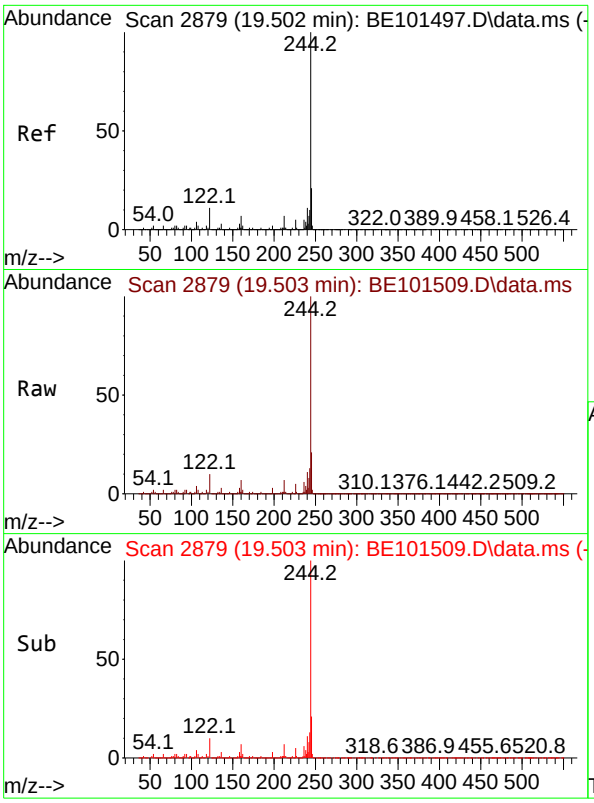


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.065 min Scan# 3145
Delta R.T. -0.011 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

Tgt Ion:240 Resp: 231938

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.2	12.4
236	28.1	21.4	32.2



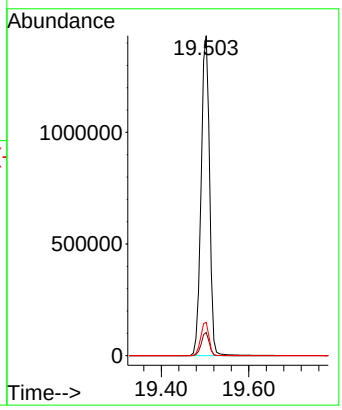


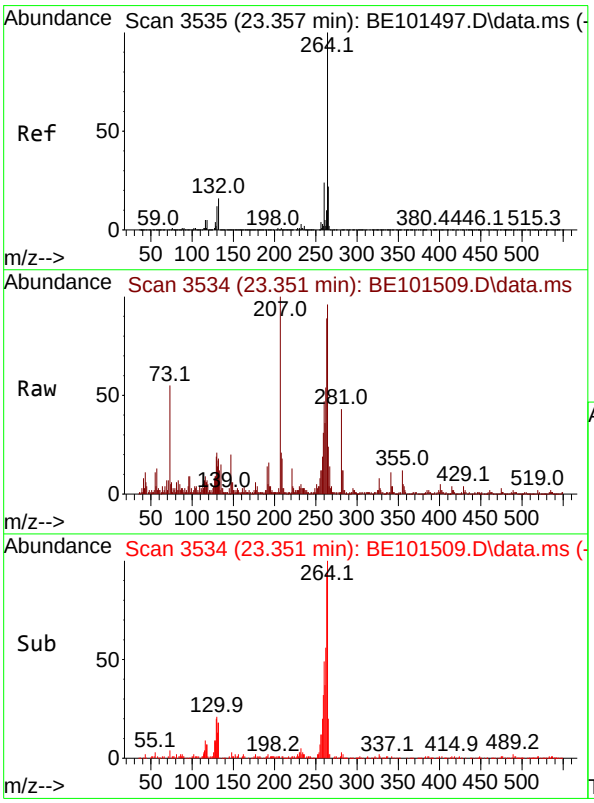
#79
Terphenyl-d14
Concen: 183.471 ng
RT: 19.503 min Scan# 2
Delta R.T. 0.000 min
Lab File: BE101509.D
Acq: 6 Nov 2024 23:27

Instrument :
BNA_E
ClientSampleId :
BP-F-5

Tgt Ion:244 Resp: 1922421

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.4	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: BE101509.D
Acq: 6 Nov 2024 23:27

Tgt Ion:264 Resp: 21989

Ion	Ratio	Lower	Upper
264	100		
260	48.6	19.4	29.2#
265	24.9	17.4	26.2