Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060940.D
Acq On : 18 Apr 2024 17:54
Operator : MA/JU
Sample : P2150-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

Quant Time: Apr 18 18:41:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 02:02:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	55238	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	198783	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	154203	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	412862	20.000	ng	0.00
76) Chrysene-d12	21.573	240	422944	20.000	ng	0.00
86) Perylene-d12	24.692	264	497804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	421494	132.540	ng	0.00
7) Phenol-d6	7.107	99	488438	106.617	ng	0.00
23) Nitrobenzene-d5	9.093	82	391894	89.500	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	356249	139.843	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	901426	85.784	ng	0.00
79) Terphenyl-d14	19.939	244	2113274	87.202	ng	0.00
Target Compounds						Qvalue

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

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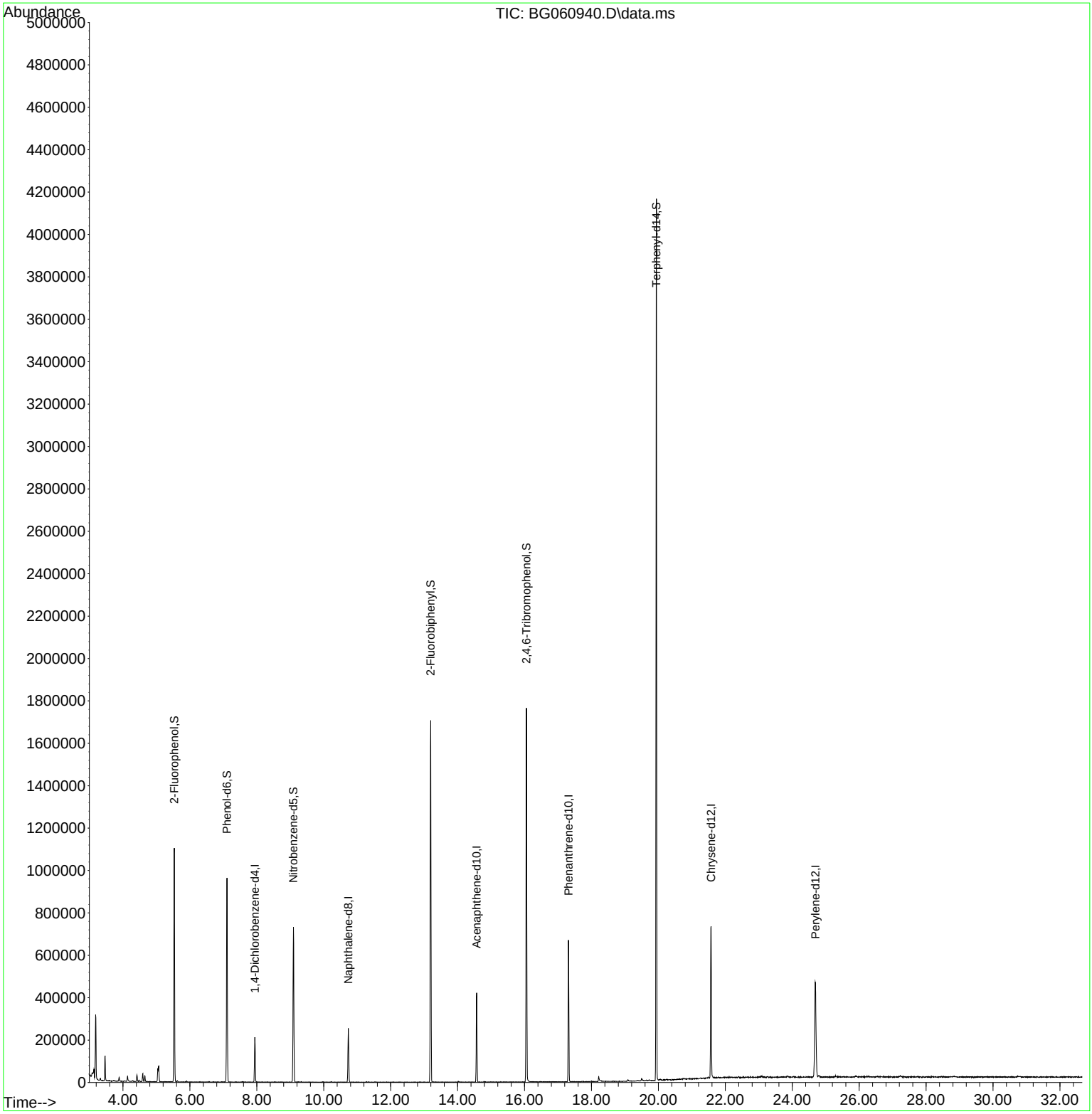
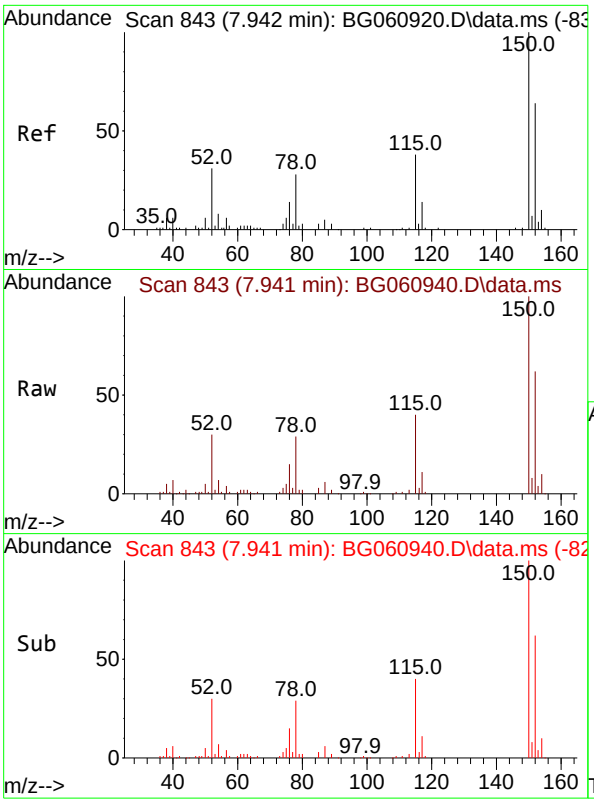


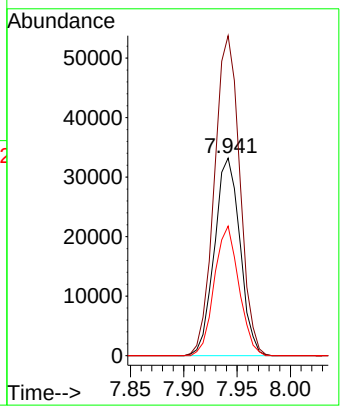


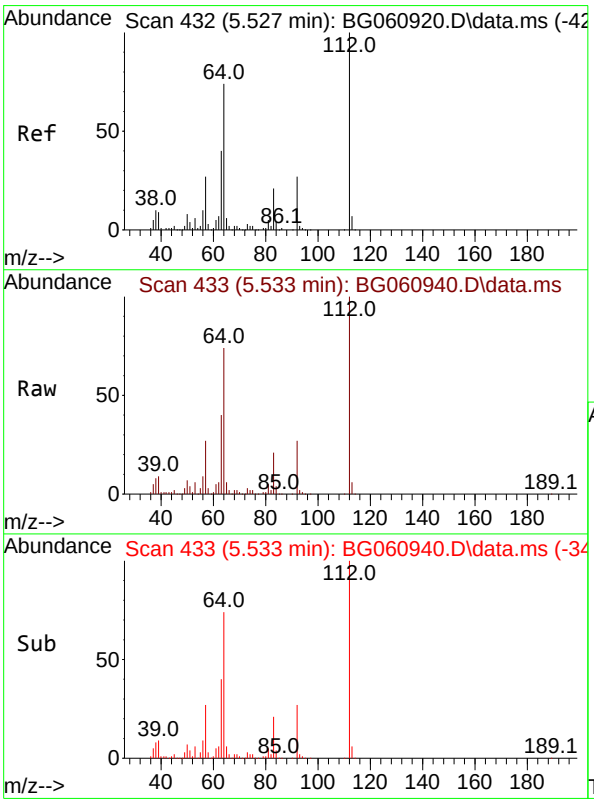
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

Tgt Ion:152 Resp: 55238

Ion	Ratio	Lower	Upper
152	100		
150	161.9	125.6	188.4
115	65.6	47.1	70.7

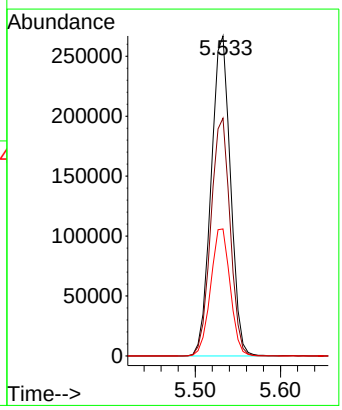


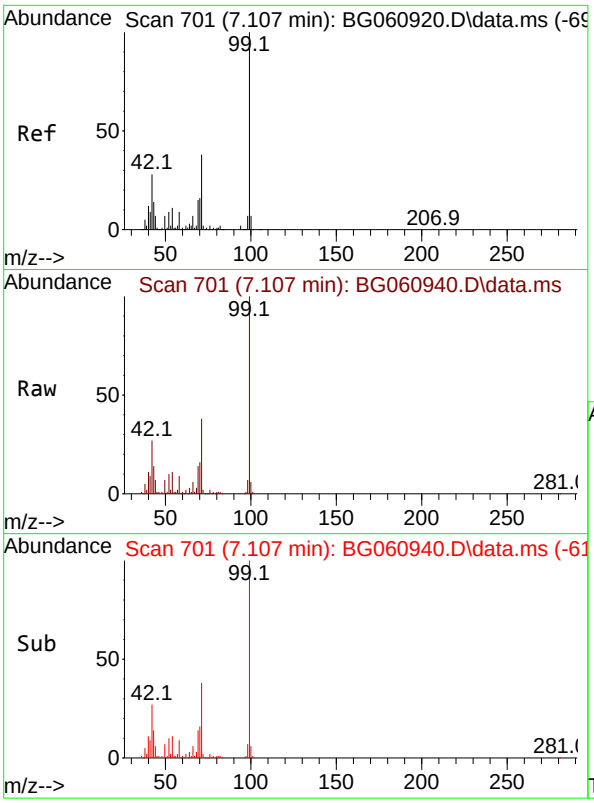


#5
2-Fluorophenol
Concen: 132.540 ng
RT: 5.533 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Tgt Ion:112 Resp: 421494

Ion	Ratio	Lower	Upper
112	100		
64	74.3	58.9	88.3
63	39.7	32.1	48.1



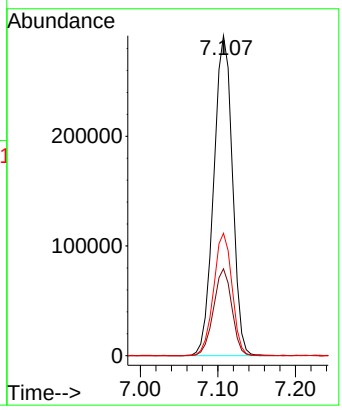


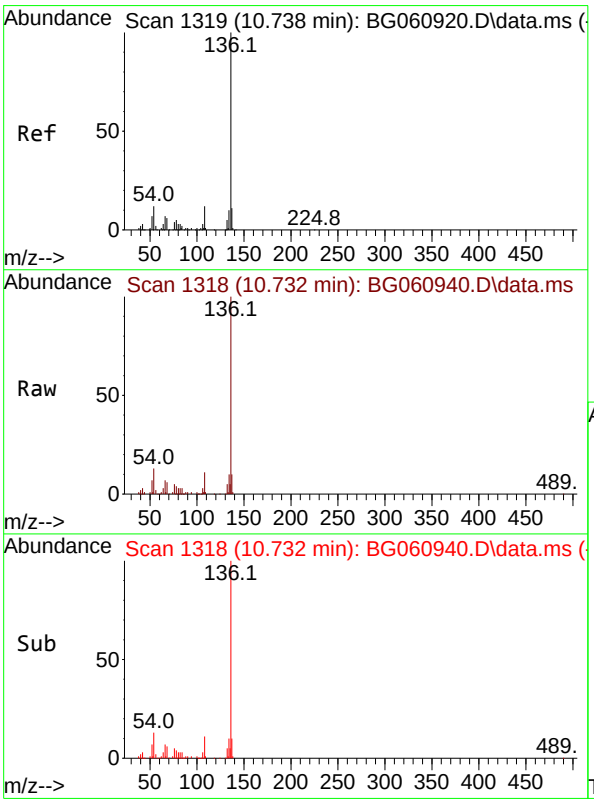
#7
Phenol-d6
Concen: 106.617 ng
RT: 7.107 min Scan# 7(
Delta R.T. -0.000 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

Tgt Ion: 99 Resp: 488438

Ion	Ratio	Lower	Upper
99	100		
42	27.2	22.2	33.2
71	38.3	30.5	45.7

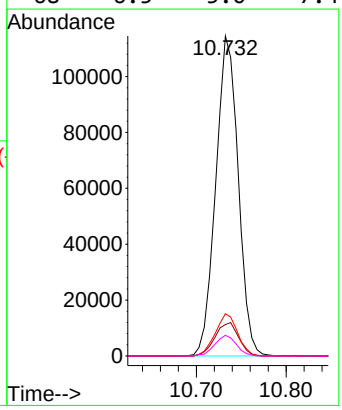


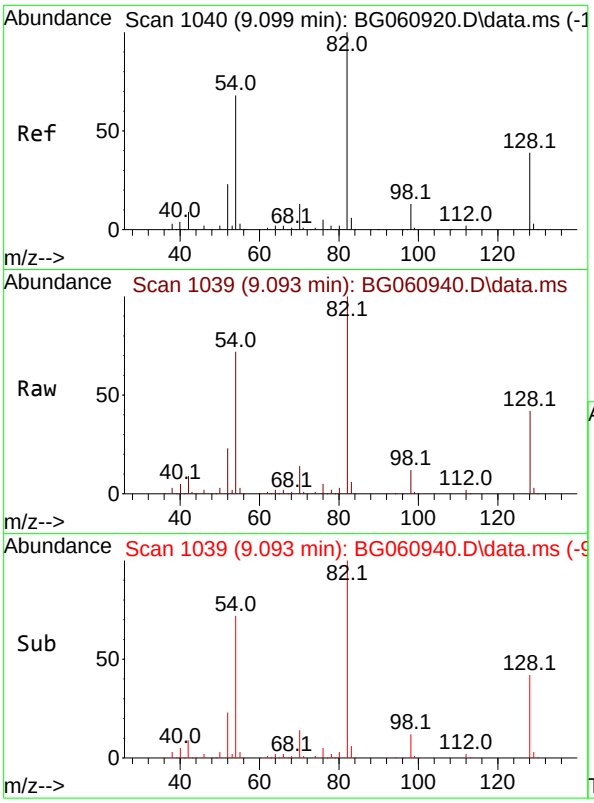


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Tgt Ion:136 Resp: 198783

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.8	13.2
54	13.2	9.8	14.8
68	6.5	5.0	7.4



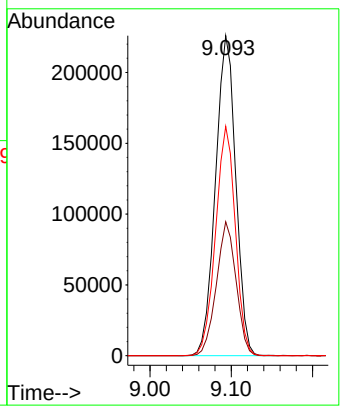


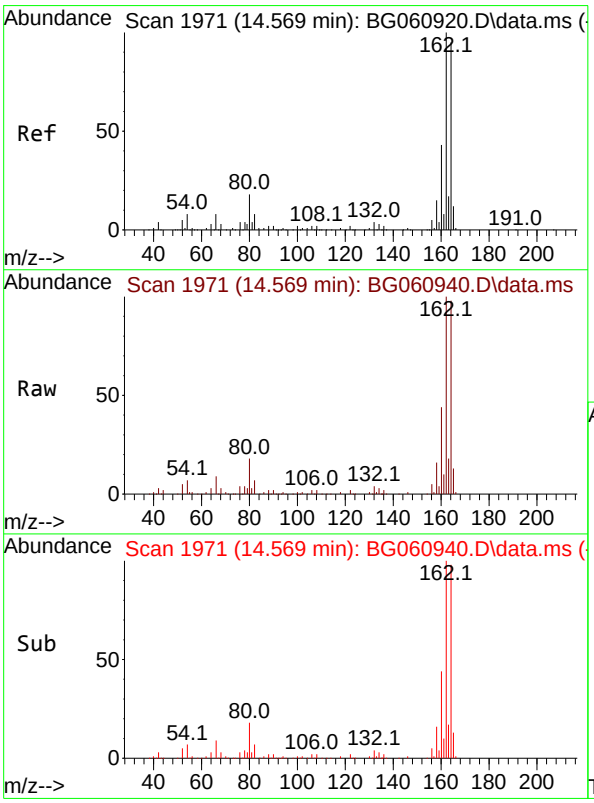
#23
Nitrobenzene-d5
Concen: 89.500 ng
RT: 9.093 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

Tgt Ion: 82 Resp: 391894

Ion	Ratio	Lower	Upper
82	100		
128	41.8	31.4	47.0
54	71.7	54.2	81.4

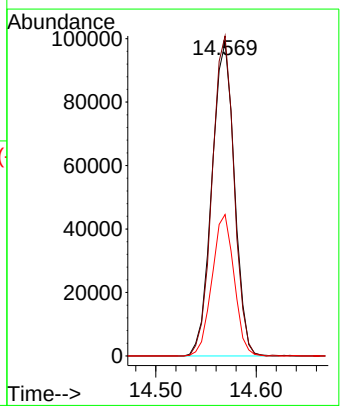


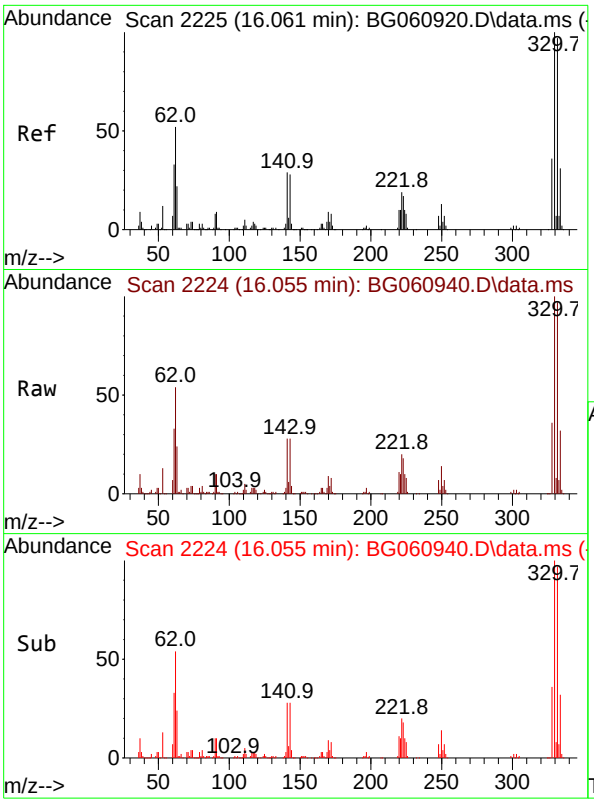


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1971
Delta R.T. -0.000 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Tgt Ion:164 Resp: 154203

Ion	Ratio	Lower	Upper
164	100		
162	102.1	84.1	126.1
160	45.1	35.9	53.9



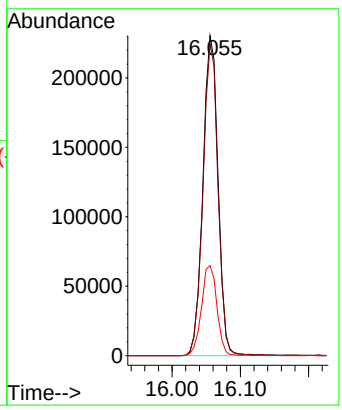


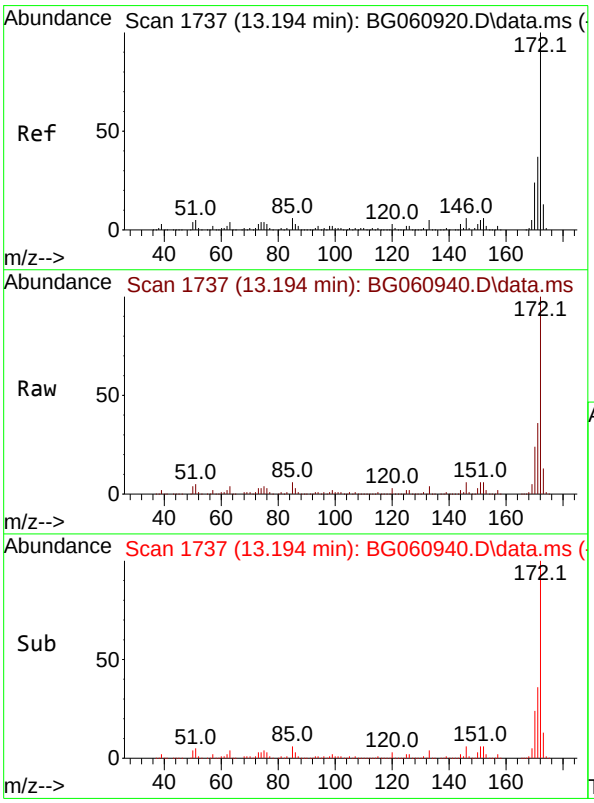
#42
2,4,6-Tribromophenol
Concen: 139.843 ng
RT: 16.055 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

Tgt Ion:330 Resp: 356249

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	28.6	23.7	35.5

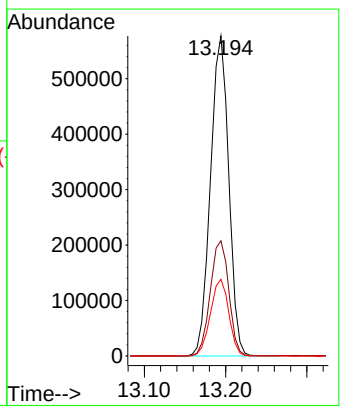


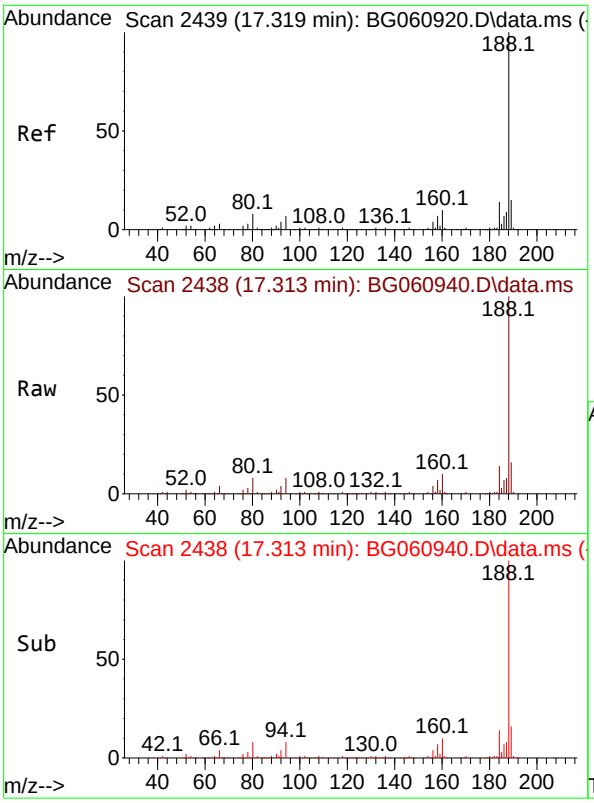


#45
2-Fluorobiphenyl
Concen: 85.784 ng
RT: 13.194 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Tgt Ion:172 Resp: 901426

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.3	43.9
170	23.9	19.5	29.3



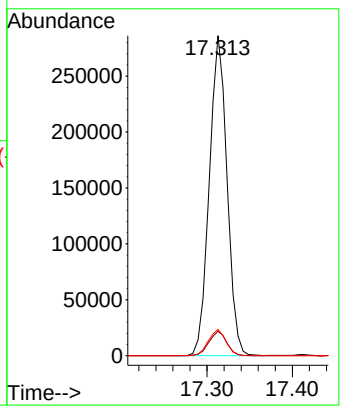


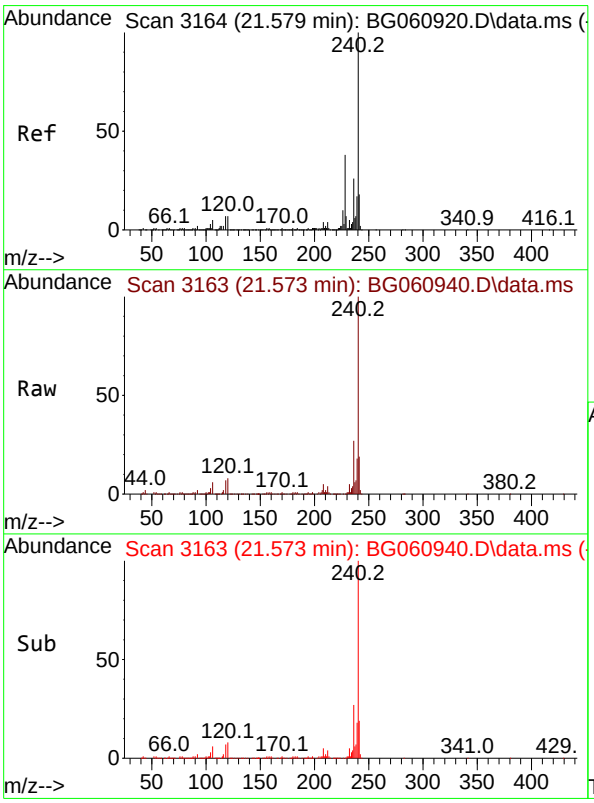
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

Tgt Ion:188 Resp: 412862

Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.7	8.5
80	8.2	6.6	9.8

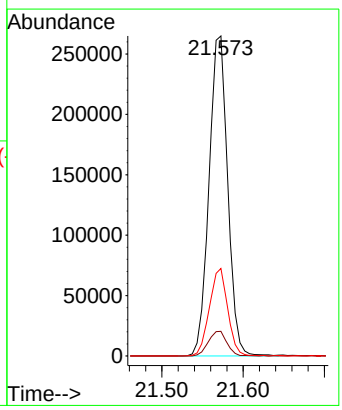


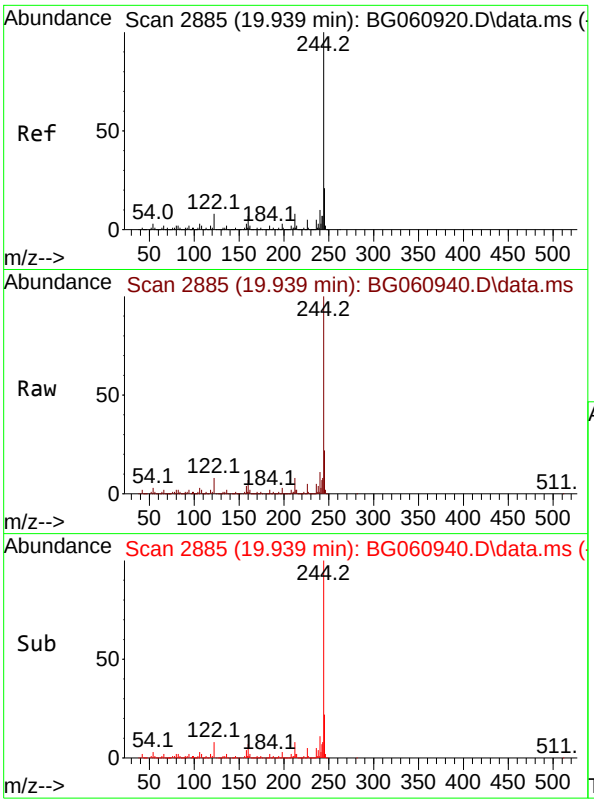


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Tgt Ion:240 Resp: 422944

Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.7	8.5
236	27.3	21.1	31.7



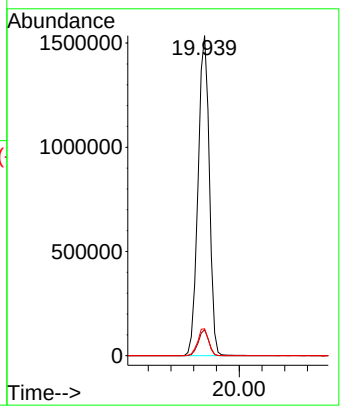


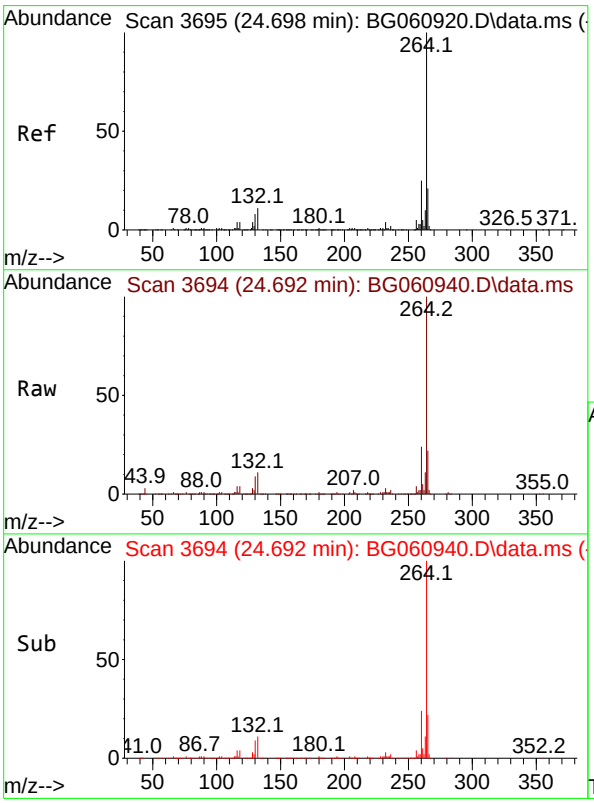
#79
Terphenyl-d14
Concen: 87.202 ng
RT: 19.939 min Scan# 2
Delta R.T. -0.000 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Instrument :
BNA_G
ClientSampleId :
ARCOLA-SP-1

Tgt Ion:244 Resp: 2113274

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.2	9.4
122	8.4	6.6	9.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.692 min Scan# 3694
Delta R.T. -0.006 min
Lab File: BG060940.D
Acq: 18 Apr 2024 17:54

Tgt Ion:264 Resp: 497804

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	21.5	16.6	25.0