Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111025\
Data File : BG064728.D
Acq On : 10 Nov 2025 11:12
Operator : RC/JU
Sample : PB170450BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB170450BL

Quant Time: Nov 10 11:48:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 03 18:16:26 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	29475	20.000	ng	-0.02
21) Naphthalene-d8	11.026	136	109338	20.000	ng	-0.02
39) Acenaphthene-d10	14.821	164	86242	20.000	ng	-0.02
64) Phenanthrene-d10	17.559	188	220794	20.000	ng	#-0.02
76) Chrysene-d12	21.831	240	337730	20.000	ng	#-0.03
86) Perylene-d12	25.156	264	378543	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.732	112	228627	130.195	ng	-0.02
7) Phenol-d6	7.342	99	292913	121.558	ng	-0.01
23) Nitrobenzene-d5	9.363	82	185362	101.825	ng	-0.02
42) 2,4,6-Tribromophenol	16.302	330	216543	173.968	ng	-0.02
45) 2-Fluorobiphenyl	13.452	172	539521	94.823	ng	-0.02
79) Terphenyl-d14	20.150	244	1611011	90.020	ng	-0.02
Target Compounds						Qvalue

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

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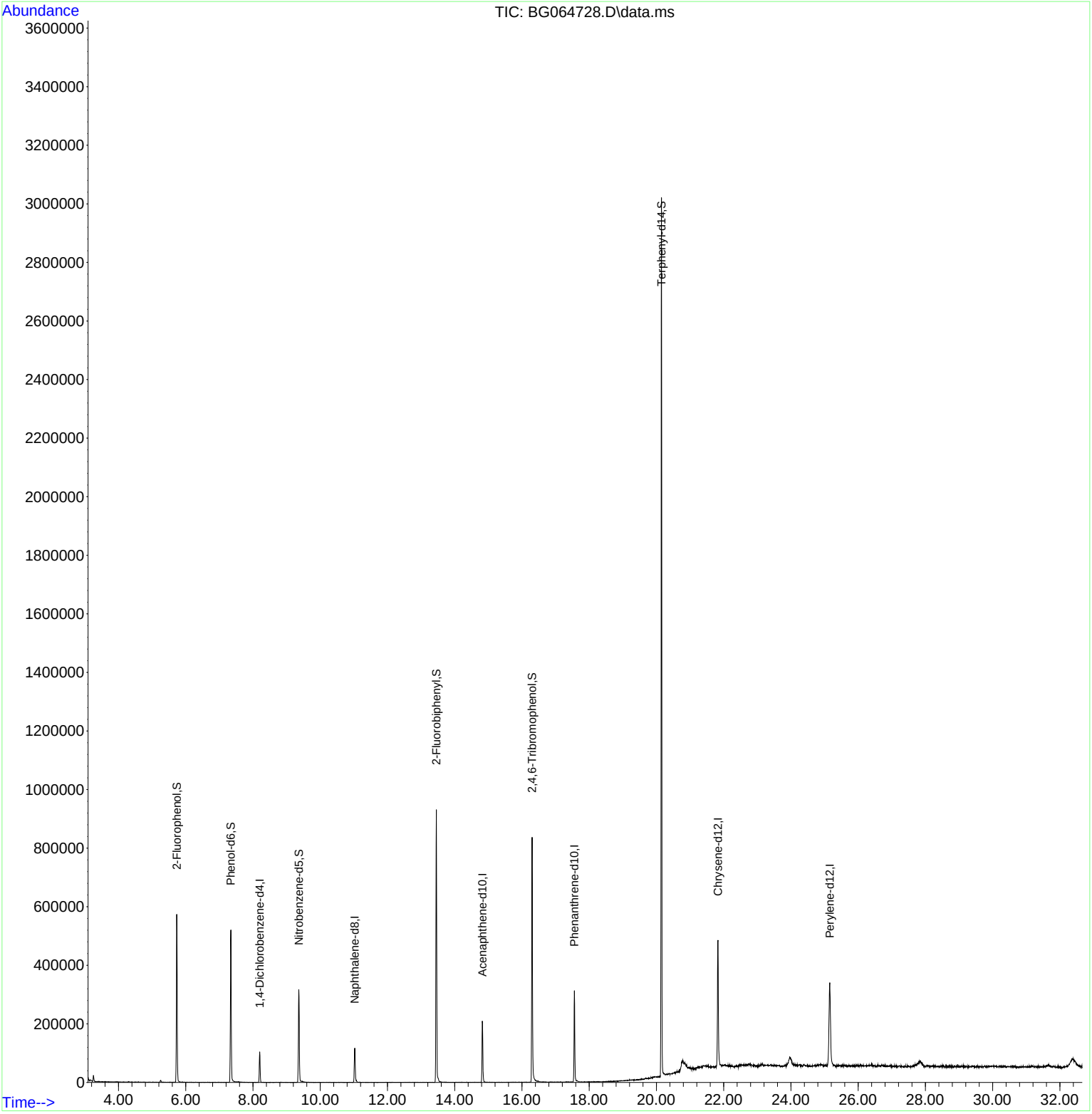
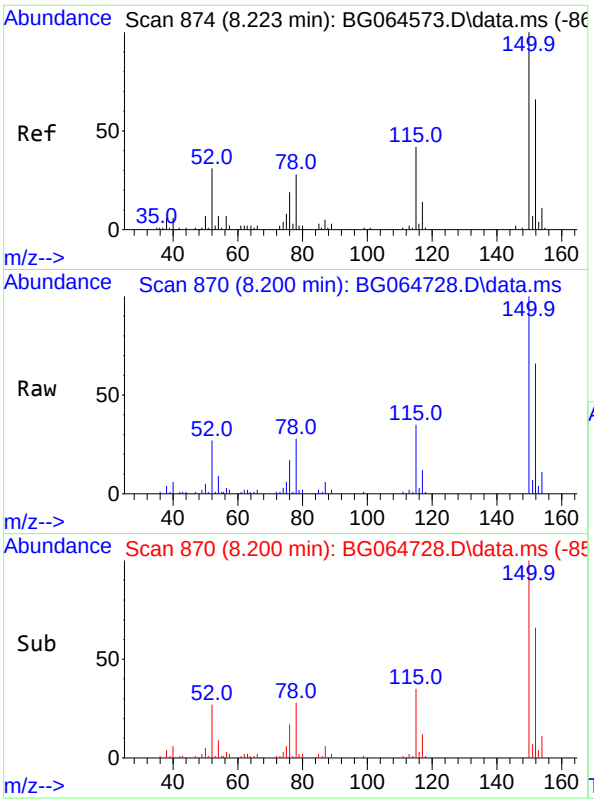


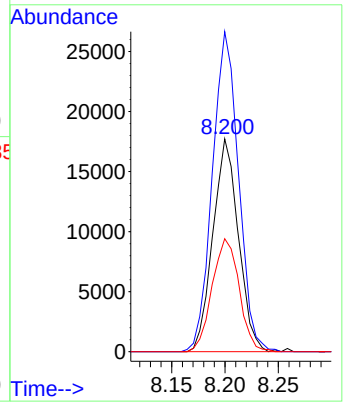


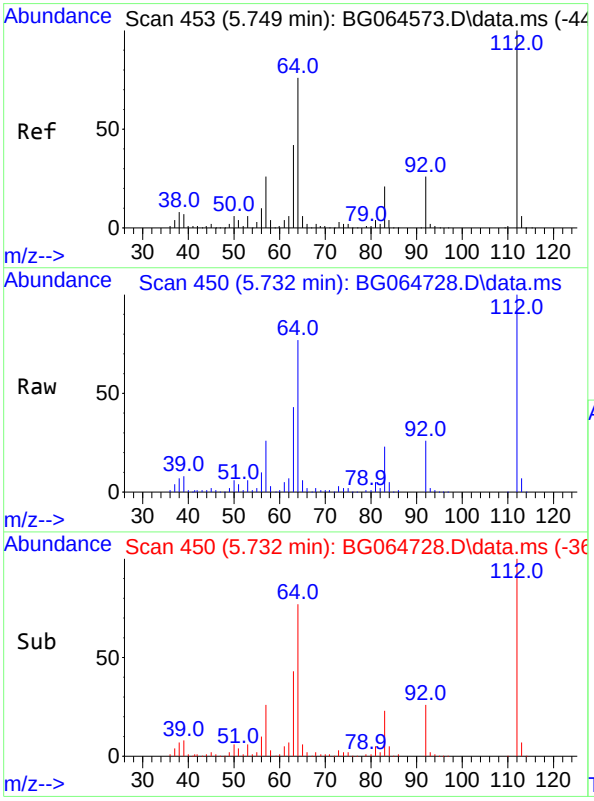
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.200 min Scan# 8
Delta R.T. -0.023 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Instrument :
BNA_G
ClientSampleId :
PB170450BL

Tgt Ion:152 Resp: 29475

Ion	Ratio	Lower	Upper
152	100		
150	150.4	122.2	183.4
115	53.1	50.8	76.2

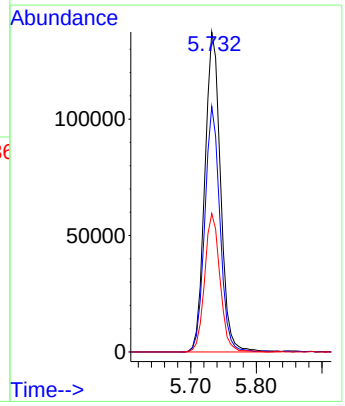


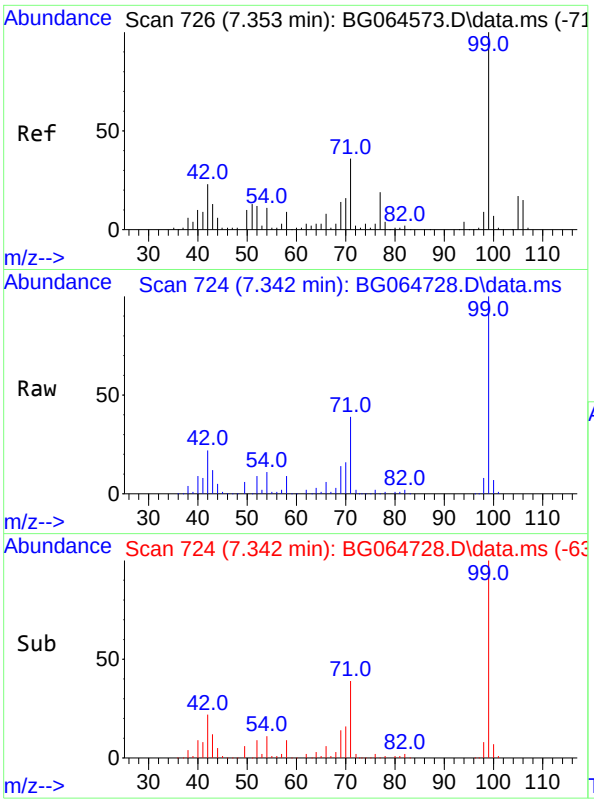


#5
2-Fluorophenol
Concen: 130.195 ng
RT: 5.732 min Scan# 450
Delta R.T. -0.017 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Tgt Ion:112 Resp: 228627

Ion	Ratio	Lower	Upper
112	100		
64	76.7	60.7	91.1
63	43.2	33.4	50.0



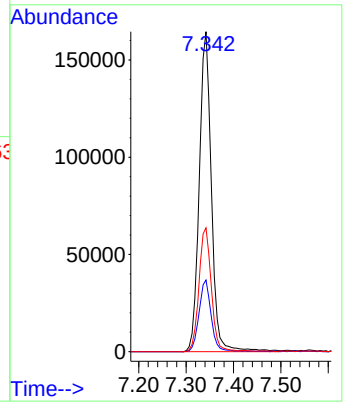


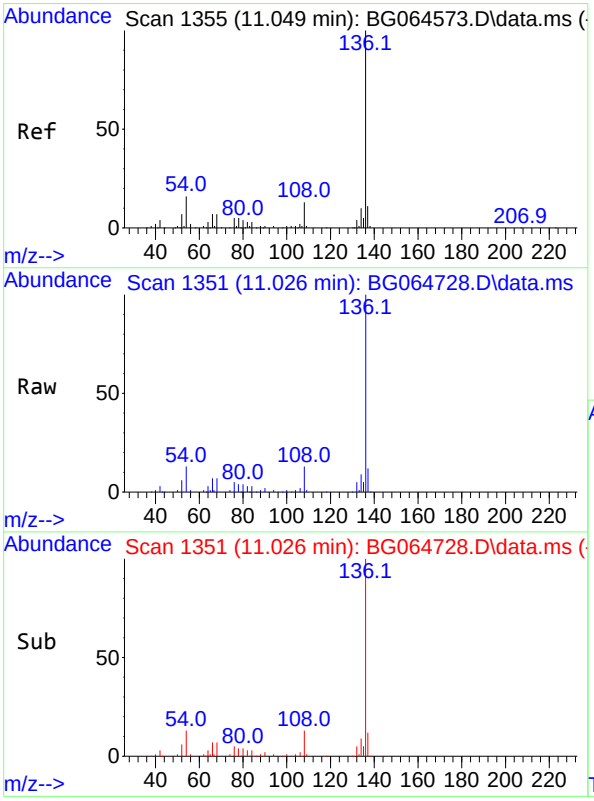
#7
Phenol-d6
Concen: 121.558 ng
RT: 7.342 min Scan# 7
Delta R.T. -0.011 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Instrument :
BNA_G
ClientSampleId :
PB170450BL

Tgt Ion: 99 Resp: 292913

Ion	Ratio	Lower	Upper
99	100		
42	22.4	18.3	27.5
71	38.7	28.6	43.0

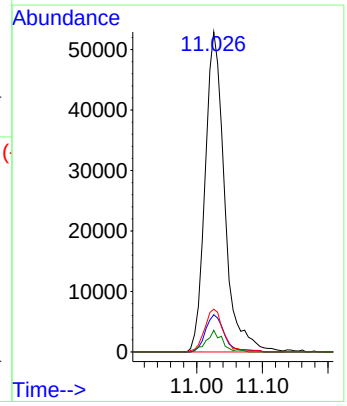


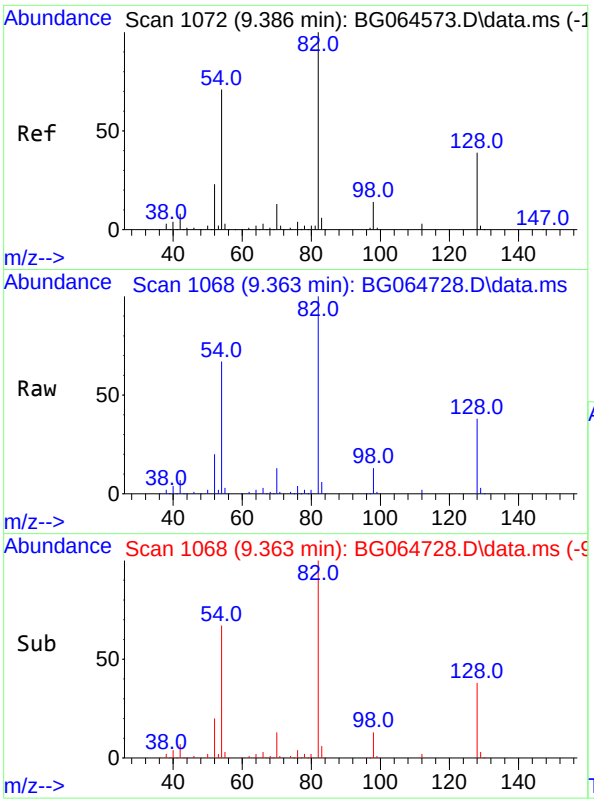


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.026 min Scan# 1351
Delta R.T. -0.023 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Tgt Ion:136 Resp: 109338

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	13.4	12.6	19.0
68	6.7	5.7	8.5



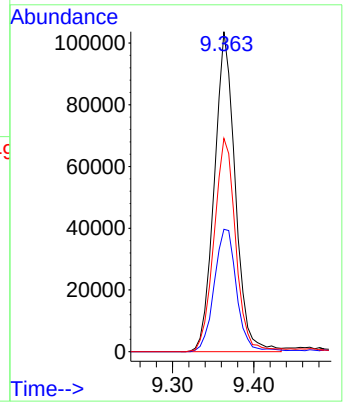


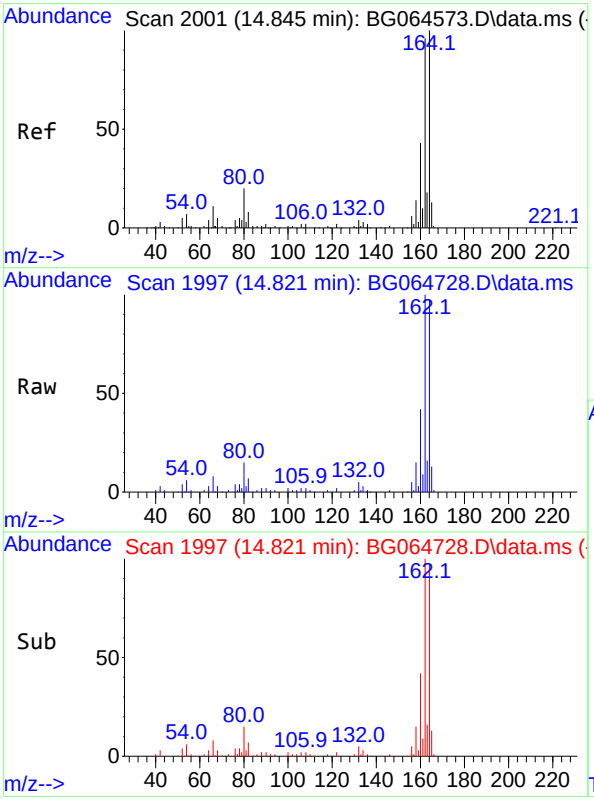
#23
Nitrobenzene-d5
Concen: 101.825 ng
RT: 9.363 min Scan# 1
Delta R.T. -0.023 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Instrument :
BNA_G
ClientSampleId :
PB170450BL

Tgt Ion: 82 Resp: 185362

Ion	Ratio	Lower	Upper
82	100		
128	38.3	31.3	46.9
54	66.7	56.6	84.8

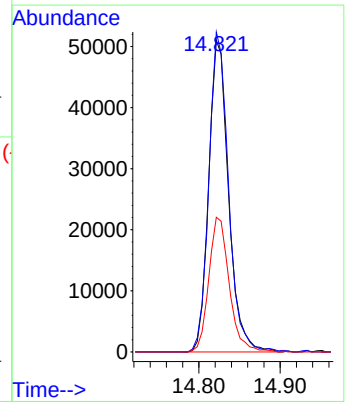


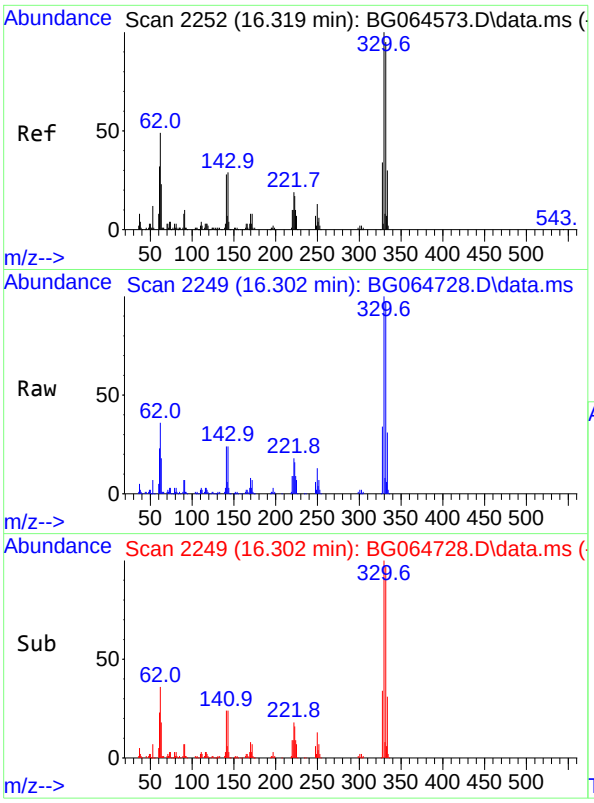


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.821 min Scan# 1997
Delta R.T. -0.023 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Tgt Ion:164 Resp: 86242

Ion	Ratio	Lower	Upper
164	100		
162	102.6	77.0	115.6
160	43.2	34.4	51.6



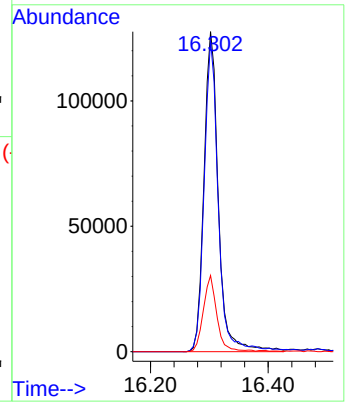


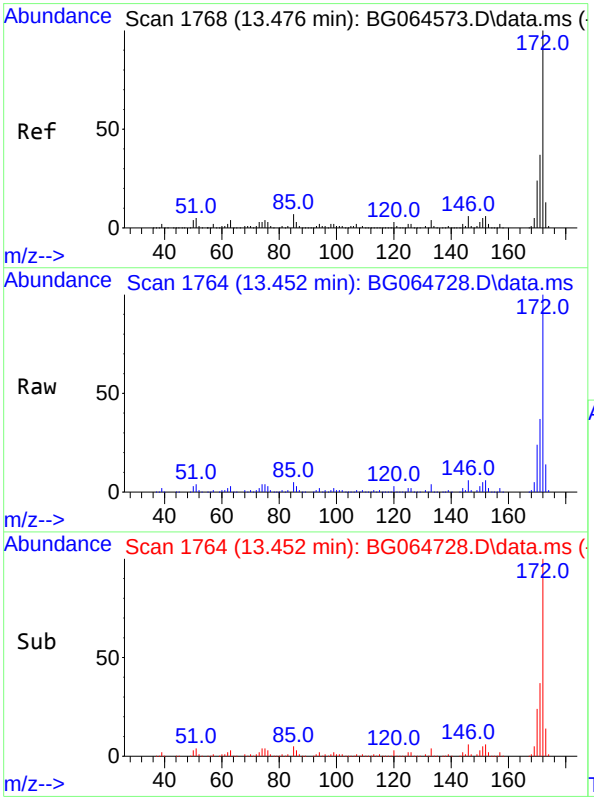
#42
2,4,6-Tribromophenol
Concen: 173.968 ng
RT: 16.302 min Scan# 2
Delta R.T. -0.017 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Instrument :
BNA_G
ClientSampleId :
PB170450BL

Tgt Ion:330 Resp: 216543

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.0	117.0
141	22.4	21.8	32.6

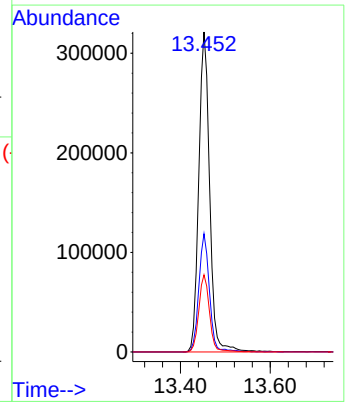


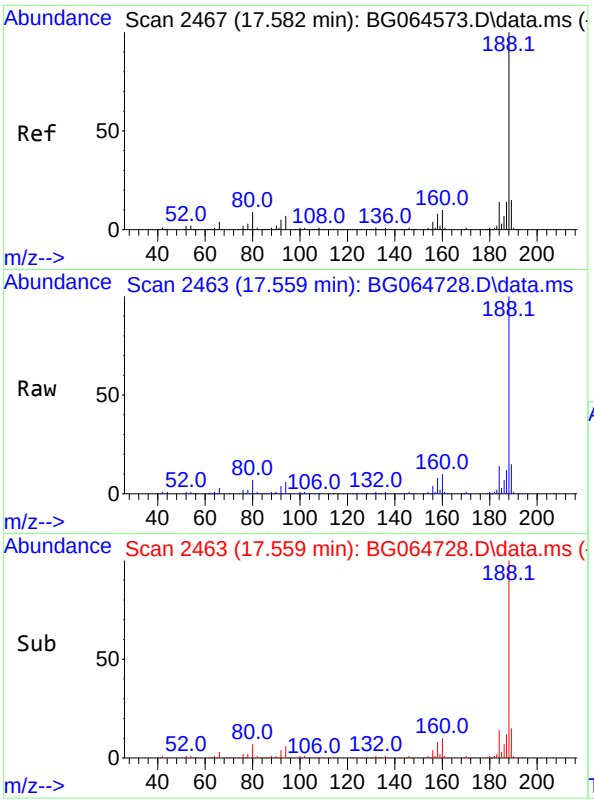


#45
2-Fluorobiphenyl
Concen: 94.823 ng
RT: 13.452 min Scan# 1764
Delta R.T. -0.023 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Tgt Ion:172 Resp: 539521

Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.4	44.0
170	24.1	19.1	28.7



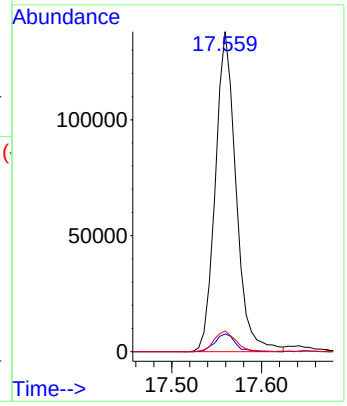


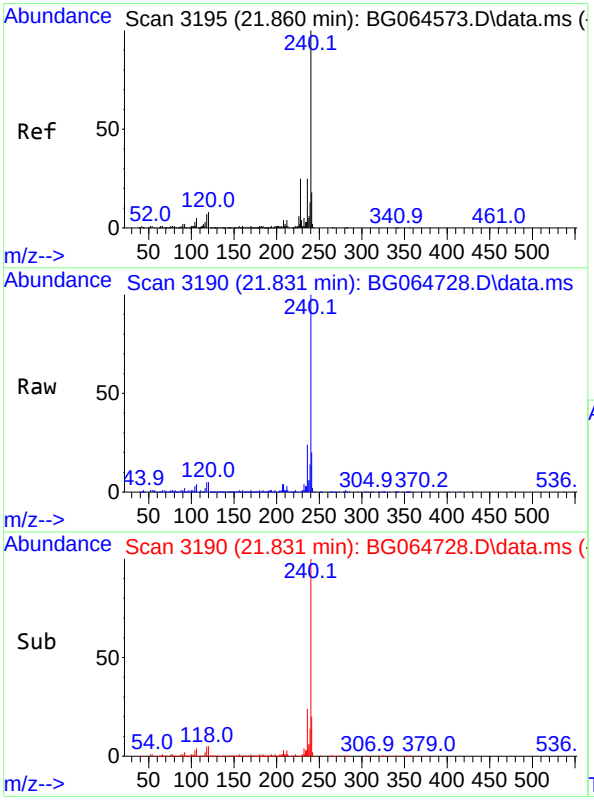
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.559 min Scan# 24
Delta R.T. -0.023 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Instrument :
BNA_G
ClientSampleId :
PB170450BL

Tgt Ion:188 Resp: 220794

Ion	Ratio	Lower	Upper
188	100		
94	5.6	5.7	8.5#
80	6.5	6.8	10.2#

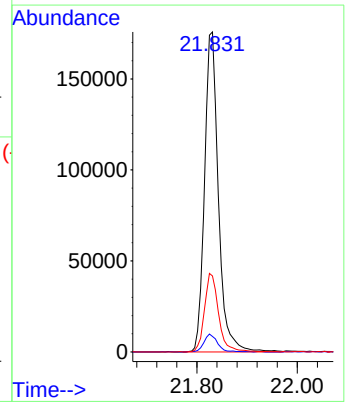


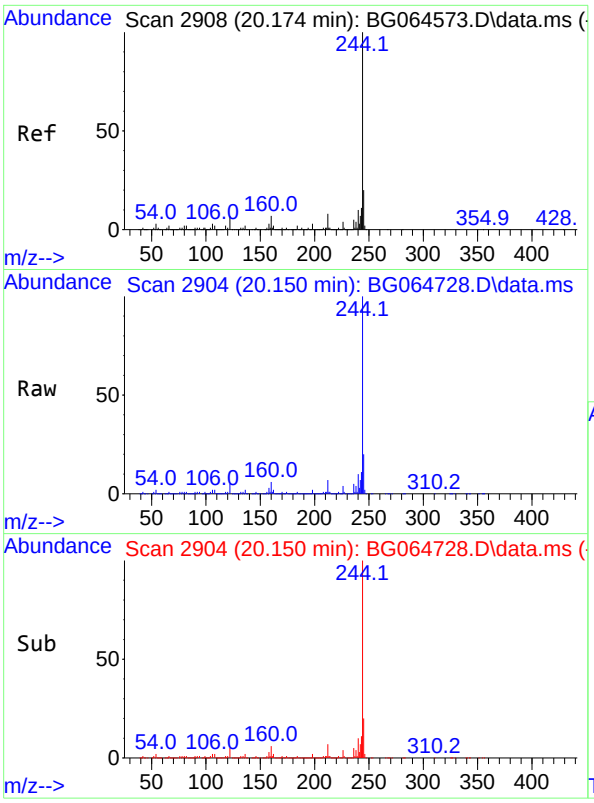


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.831 min Scan# 3190
Delta R.T. -0.029 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Tgt Ion:240 Resp: 337730

Ion	Ratio	Lower	Upper
240	100		
120	4.8	6.5	9.7#
236	23.7	20.2	30.2



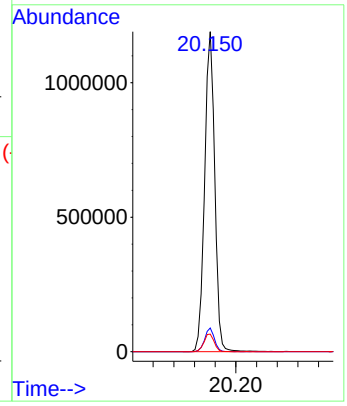


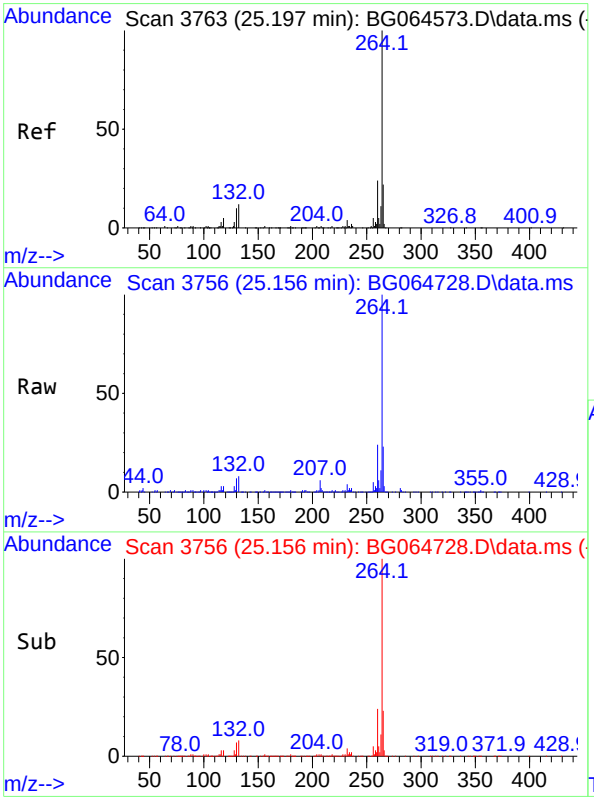
#79
Terphenyl-d14
Concen: 90.020 ng
RT: 20.150 min Scan# 2
Delta R.T. -0.023 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Instrument :
BNA_G
ClientSampleId :
PB170450BL

Tgt Ion:244 Resp: 1611011

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.1	9.1
122	5.5	5.6	8.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.156 min Scan# 3756
Delta R.T. -0.041 min
Lab File: BG064728.D
Acq: 10 Nov 2025 11:12

Tgt Ion:264 Resp: 378543

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.4
265	23.4	17.6	26.4