Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092225\
Data File : BG064427.D
Acq On : 22 Sep 2025 23:05
Operator : RC/JU
Sample : Q3133-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
VNJ-210

Quant Time: Sep 23 01:54:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 28 17:41:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.837	152	16762	20.000	ng	#-0.02
21) Naphthalene-d8	10.628	136	66197	20.000	ng	#-0.02
39) Acenaphthene-d10	14.465	164	48131	20.000	ng	-0.02
64) Phenanthrene-d10	17.203	188	127652	20.000	ng	#-0.02
76) Chrysene-d12	21.433	240	152108	20.000	ng	#-0.02
86) Perylene-d12	24.423	264	165181	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	145074	155.278	ng	-0.01
7) Phenol-d6	7.014	99	177332	138.157	ng	-0.02
23) Nitrobenzene-d5	8.995	82	146282	123.241	ng	-0.02
42) 2,4,6-Tribromophenol	15.951	330	153914	241.427	ng	-0.02
45) 2-Fluorobiphenyl	13.090	172	372638	118.173	ng	-0.02
79) Terphenyl-d14	19.823	244	913011	125.231	ng	-0.02
Target Compounds						Qvalue

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

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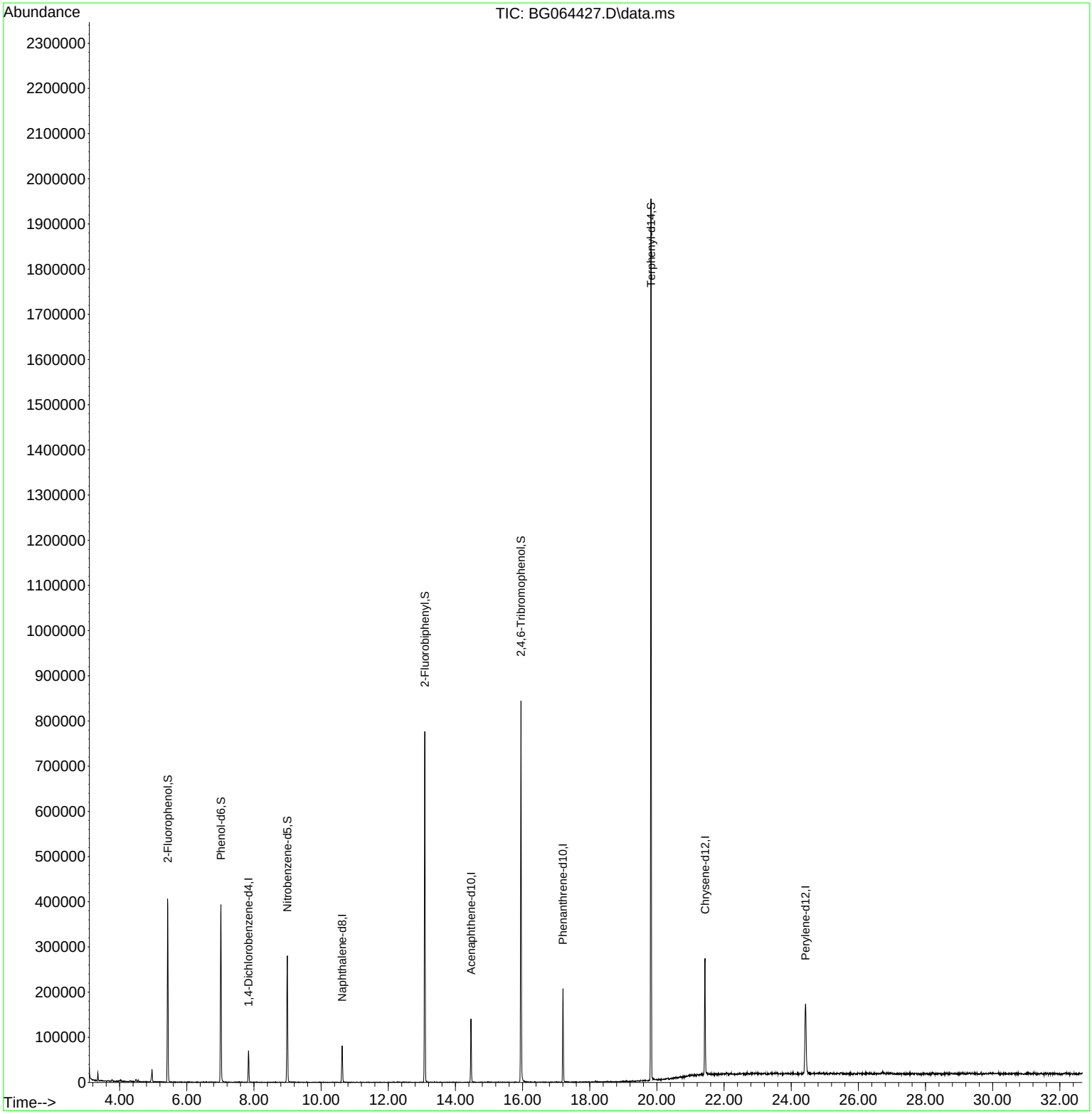
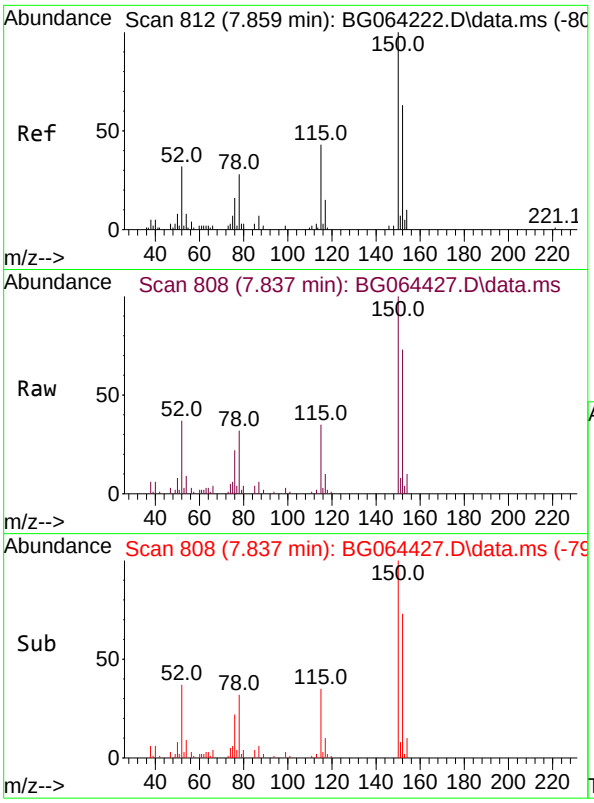


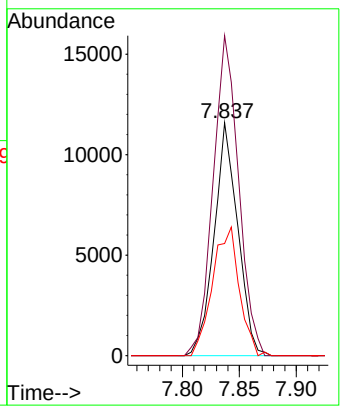


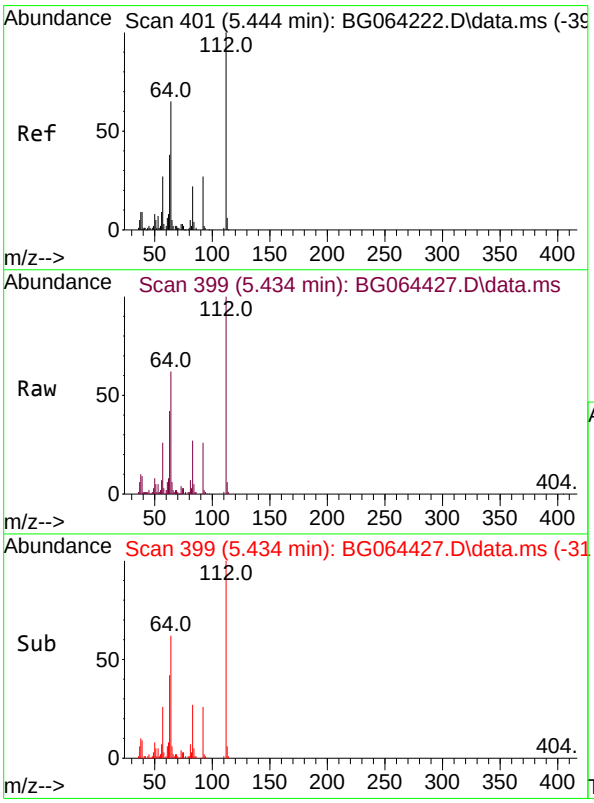
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.837 min Scan# 80
Delta R.T. -0.022 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

Instrument :
BNA_G
ClientSampleId :
VNJ-210

Tgt Ion:152 Resp: 16762

Ion	Ratio	Lower	Upper
152	100		
150	137.5	128.0	192.0
115	48.1	55.7	83.5#

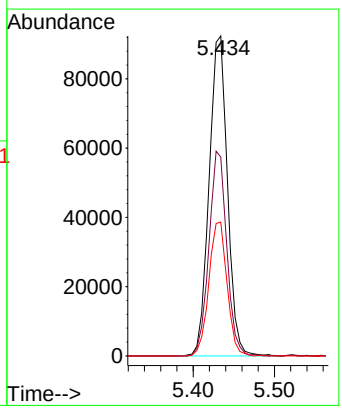


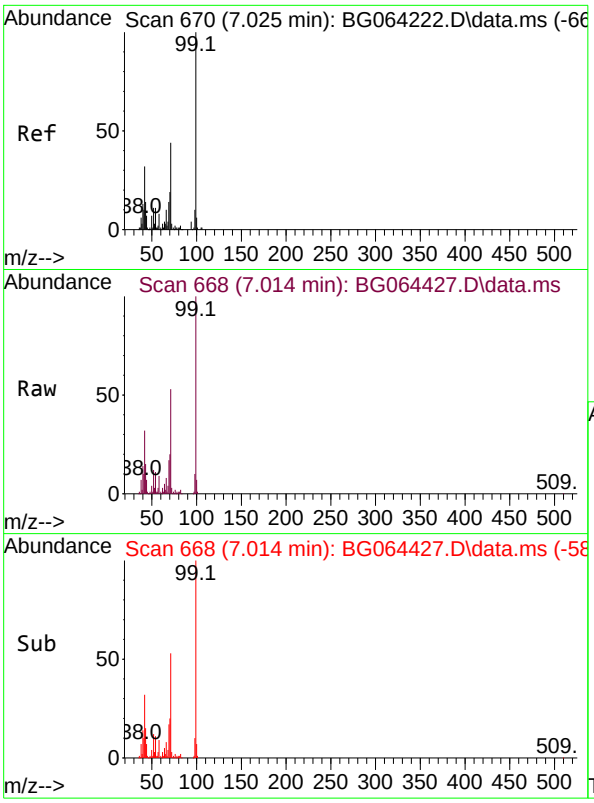


#5
2-Fluorophenol
Concen: 155.278 ng
RT: 5.434 min Scan# 399
Delta R.T. -0.010 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

Tgt Ion:112 Resp: 145074

Ion	Ratio	Lower	Upper
112	100		
64	62.1	51.8	77.6
63	41.8	30.6	45.8



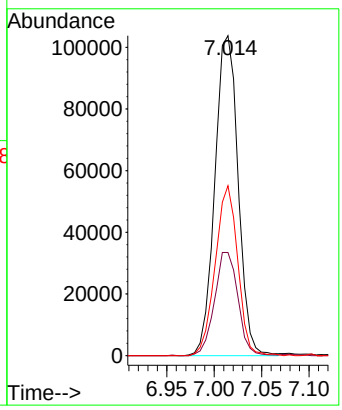


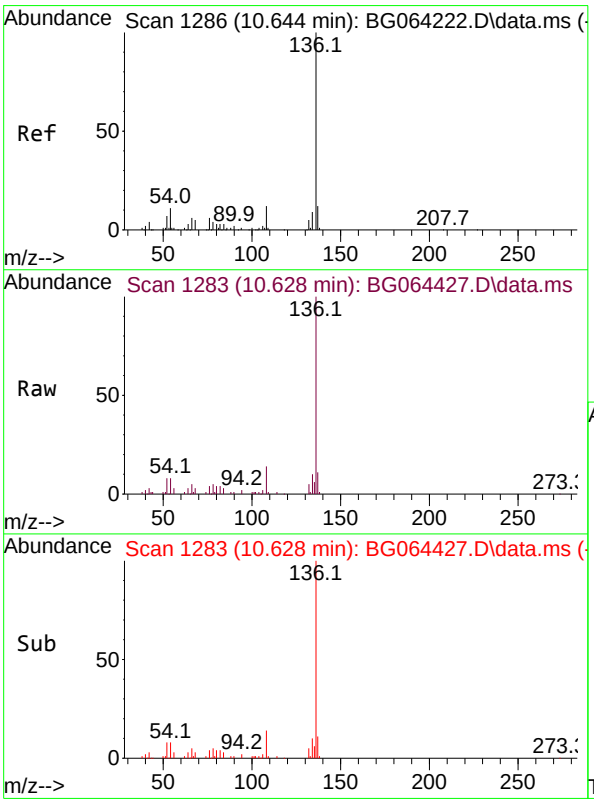
#7
Phenol-d6
Concen: 138.157 ng
RT: 7.014 min Scan# 6
Delta R.T. -0.016 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

Instrument :
BNA_G
ClientSampleId :
VNJ-210

Tgt Ion: 99 Resp: 177332

Ion	Ratio	Lower	Upper
99	100		
42	32.2	25.8	38.8
71	53.1	35.2	52.8#

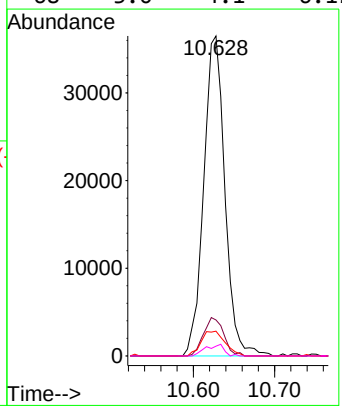


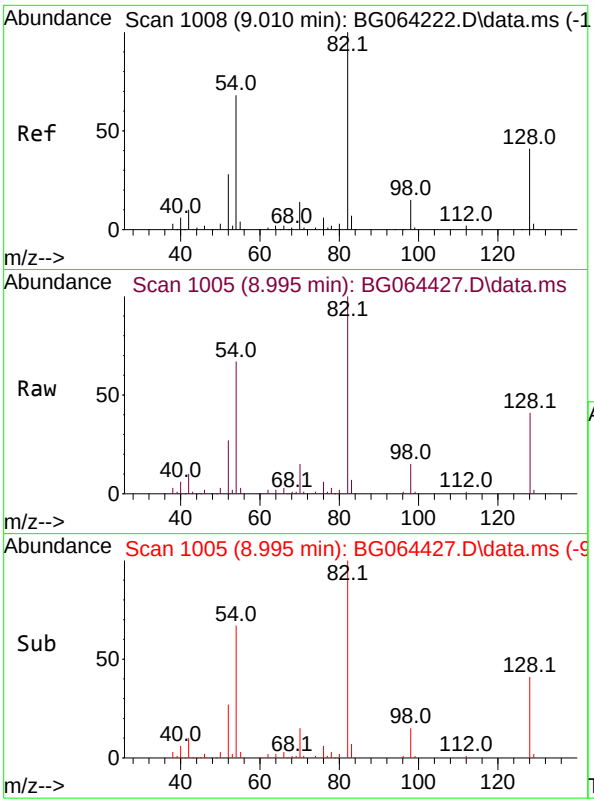


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1283
Delta R.T. -0.022 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

Tgt Ion:136 Resp: 66197

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	7.7	8.8	13.2#
68	3.0	4.1	6.1#



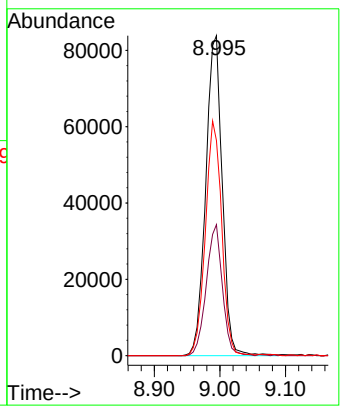


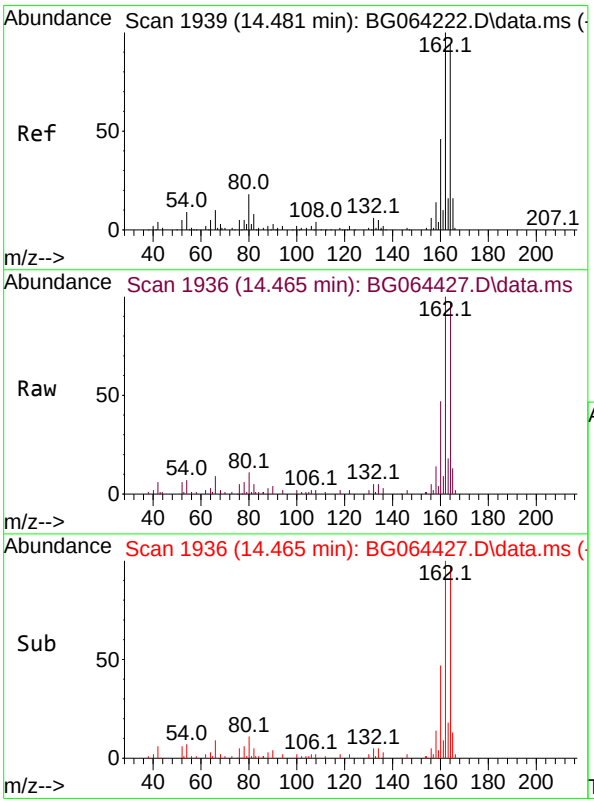
#23
Nitrobenzene-d5
Concen: 123.241 ng
RT: 8.995 min Scan# 1
Delta R.T. -0.022 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

Instrument :
BNA_G
ClientSampleId :
VNJ-210

Tgt Ion: 82 Resp: 146282

Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.6	48.8
54	67.2	54.7	82.1

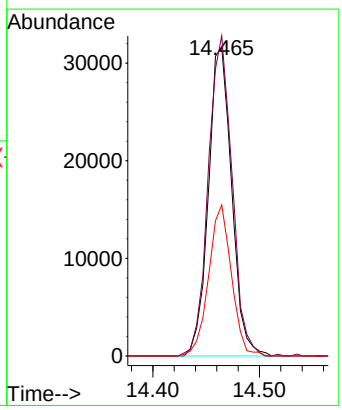


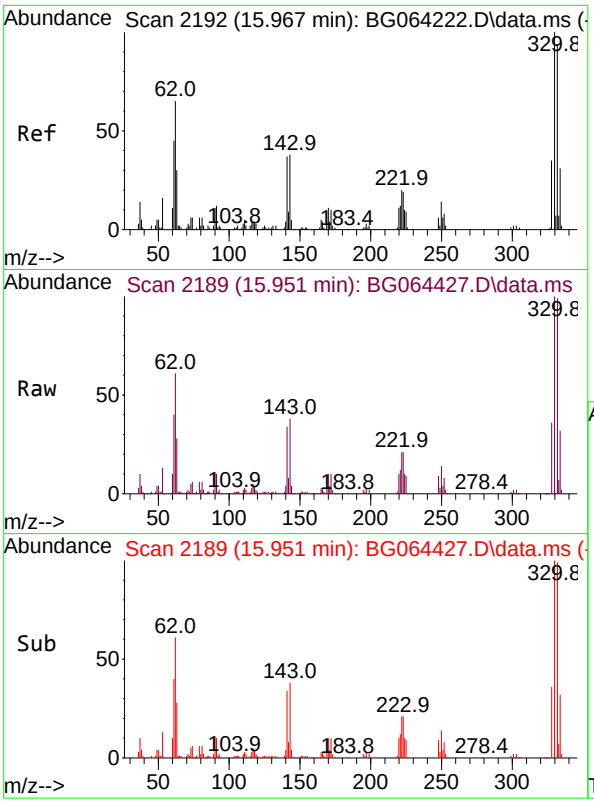


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.465 min Scan# 1936
Delta R.T. -0.016 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

Tgt Ion:164 Resp: 48131

Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.4	128.0
160	48.9	39.2	58.8



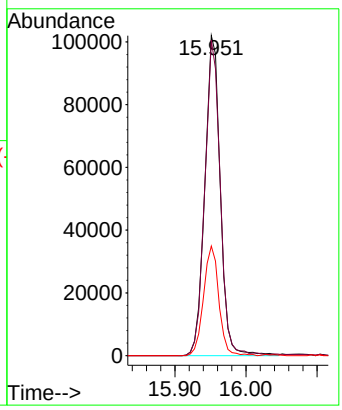


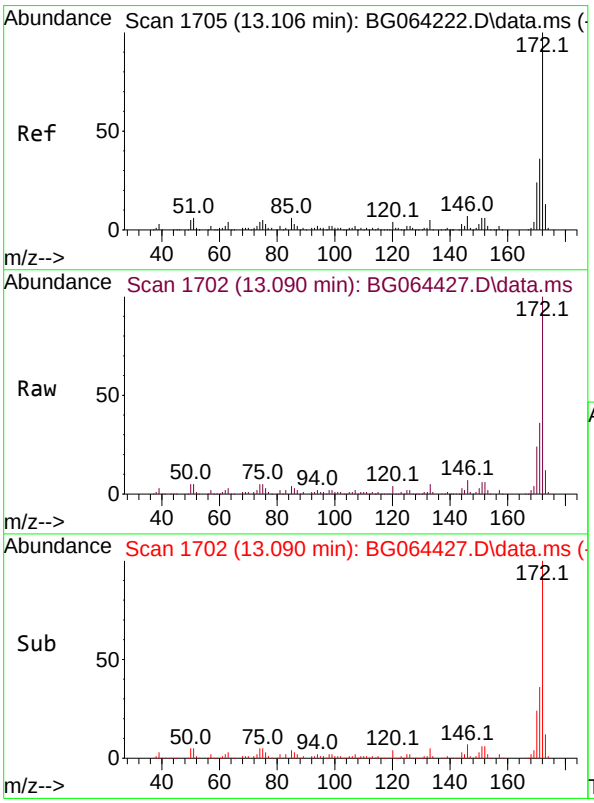
#42
2,4,6-Tribromophenol
Concen: 241.427 ng
RT: 15.951 min Scan# 21
Delta R.T. -0.022 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

Instrument :
BNA_G
ClientSampleId :
VNJ-210

Tgt Ion:330 Resp: 153914

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.6	116.4
141	33.8	29.8	44.6

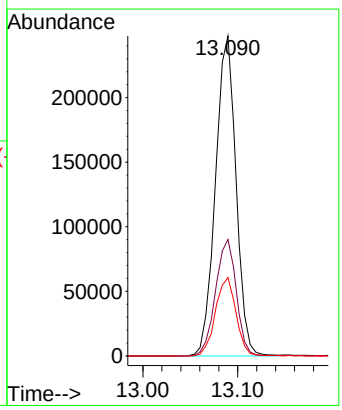


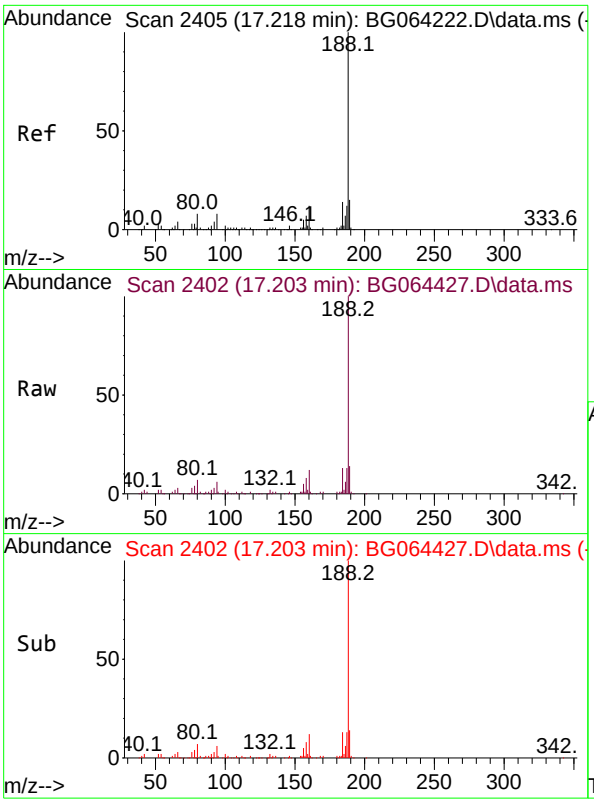


#45
2-Fluorobiphenyl
Concen: 118.173 ng
RT: 13.090 min Scan# 1702
Delta R.T. -0.022 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

Tgt Ion:172 Resp: 372638

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.7	43.1
170	24.5	19.0	28.6



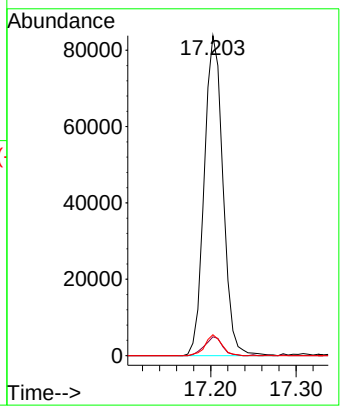


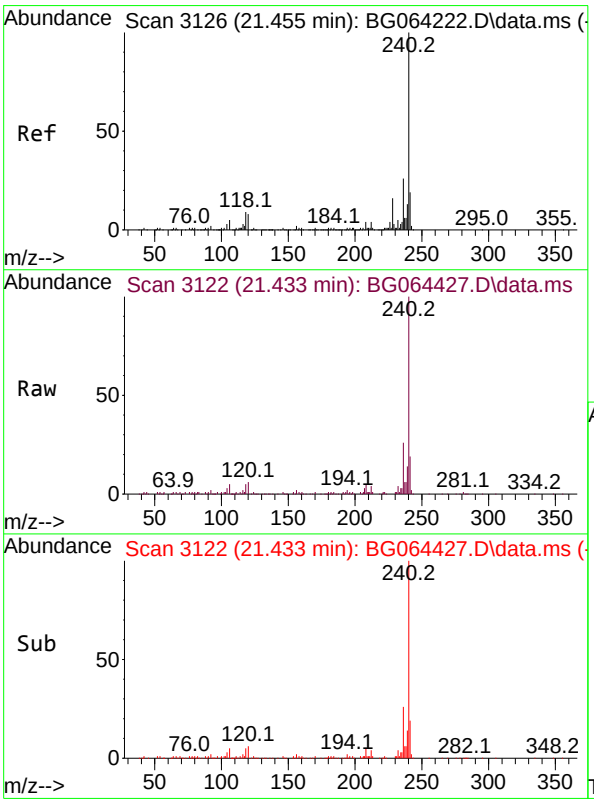
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 24
Delta R.T. -0.022 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

Instrument :
BNA_G
ClientSampleId :
VNJ-210

Tgt Ion:188 Resp: 127652

Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.2	9.4#
80	6.5	6.8	10.2#

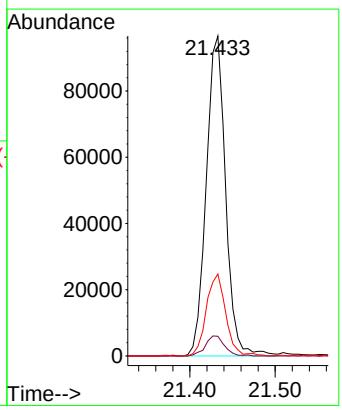


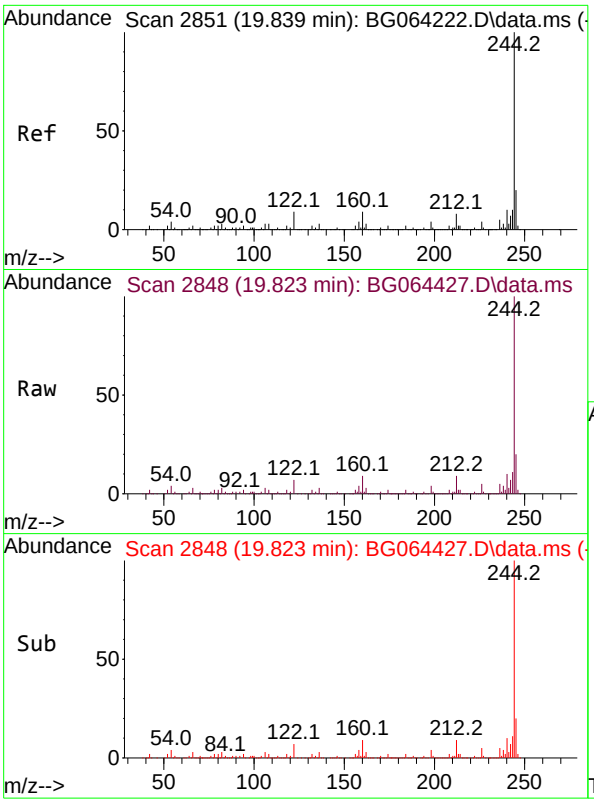


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.433 min Scan# 3122
Delta R.T. -0.022 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

Tgt Ion:240 Resp: 152108

Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.2	9.4#
236	25.6	20.5	30.7



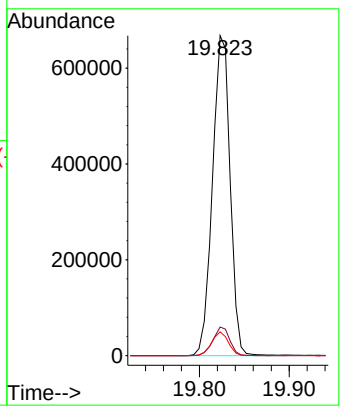


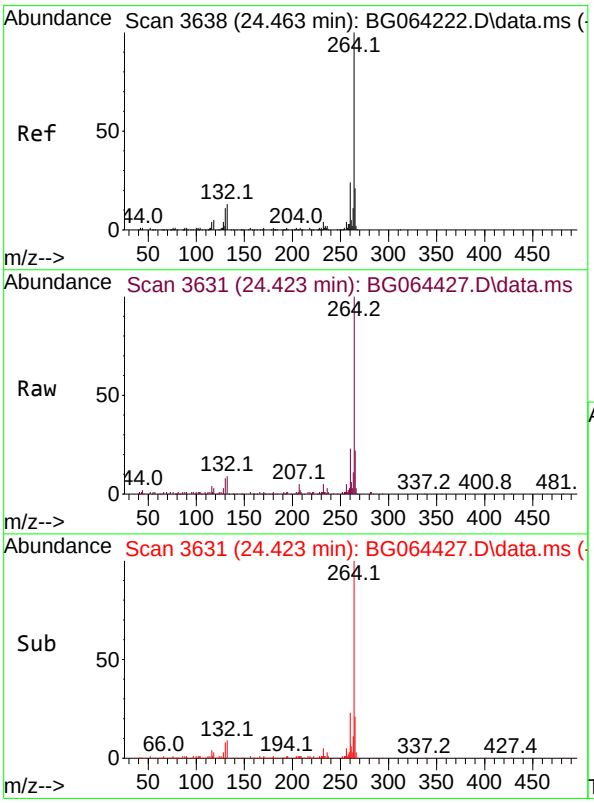
#79
Terphenyl-d14
Concen: 125.231 ng
RT: 19.823 min Scan# 28
Delta R.T. -0.022 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

Instrument :
BNA_G
ClientSampleId :
VNJ-210

Tgt Ion:244 Resp: 913011

Ion	Ratio	Lower	Upper
244	100		
212	8.9	6.6	10.0
122	7.4	7.0	10.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.423 min Scan# 3631
Delta R.T. -0.040 min
Lab File: BG064427.D
Acq: 22 Sep 2025 23:05

Tgt Ion:264 Resp: 165181

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.9	28.3
265	21.8	16.7	25.1