Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090525\
Data File : BG064298.D
Acq On : 5 Sep 2025 18:35
Operator : RC/JU
Sample : PB169526BL
Misc : MDL-WATER 8PPM
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169526BL

Quant Time: Sep 05 23:02:11 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	7.848	152	20719	20.000	ng	-0.01
21) Naphthalene-d8	10.638	136	85605	20.000	ng	-0.01
39) Acenaphthene-d10	14.475	164	62547	20.000	ng	0.00
64) Phenanthrene-d10	17.219	188	164759	20.000	ng	0.00
76) Chrysene-d12	21.449	240	181142	20.000	ng	0.00
86) Perylene-d12	24.452	264	197432	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	172104	149.028	ng	0.00
7) Phenol-d6	7.025	99	228166	143.812	ng	0.00
23) Nitrobenzene-d5	9.005	82	163436	106.476	ng	-0.01
42) 2,4,6-Tribromophenol	15.962	330	146749	177.134	ng	-0.01
45) 2-Fluorobiphenyl	13.100	172	418547	102.139	ng	-0.01
79) Terphenyl-d14	19.839	244	920029	105.967	ng	0.00
Target Compounds						Qvalue

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

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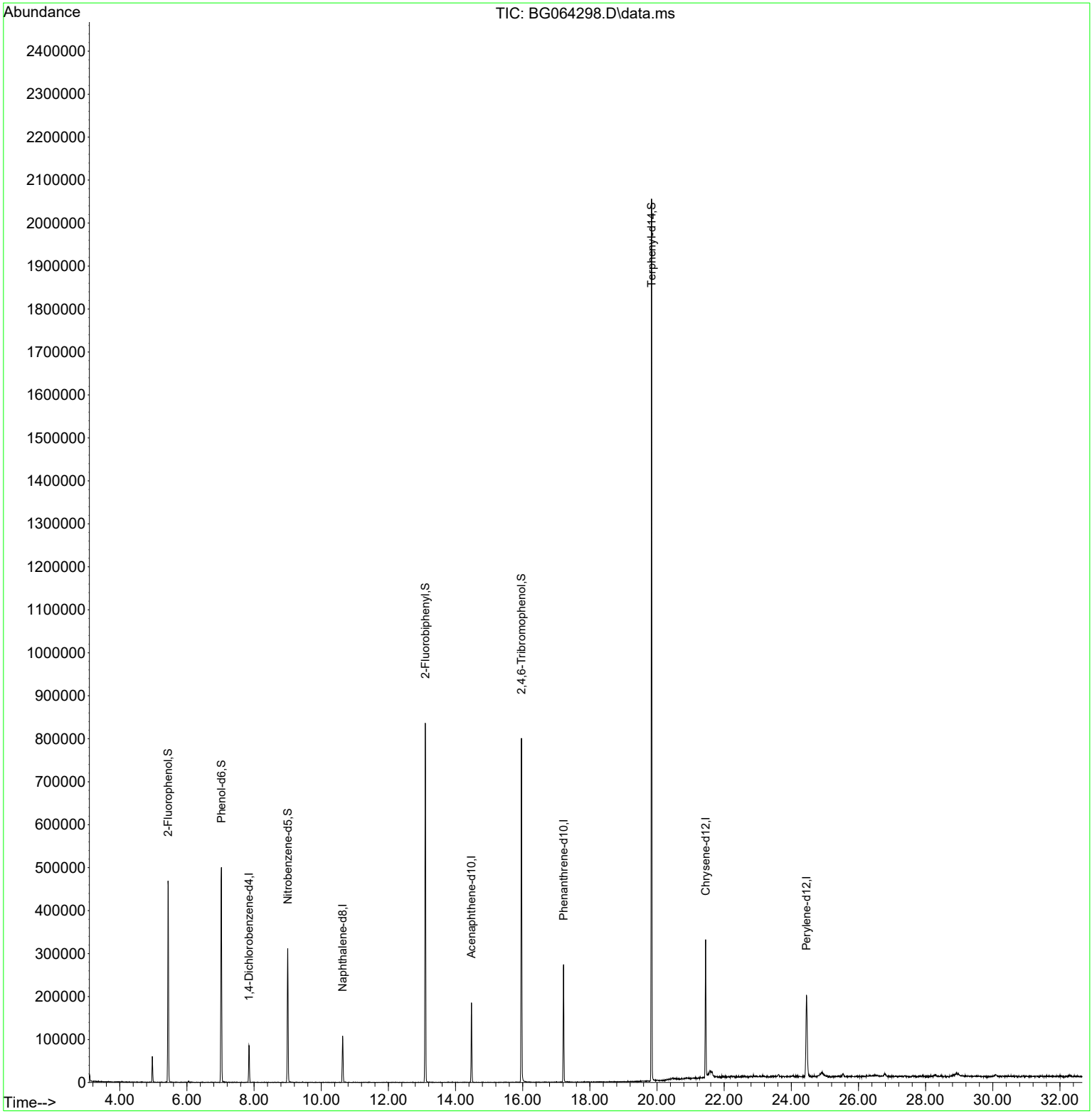
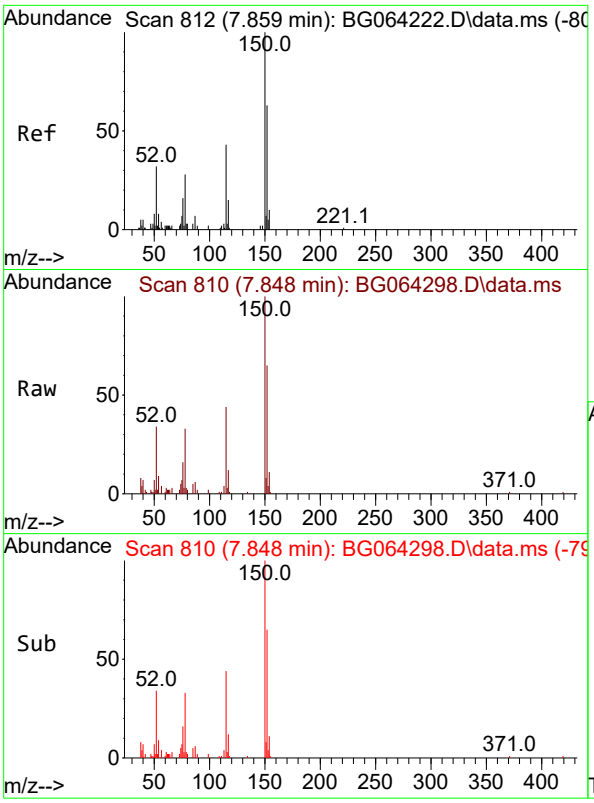


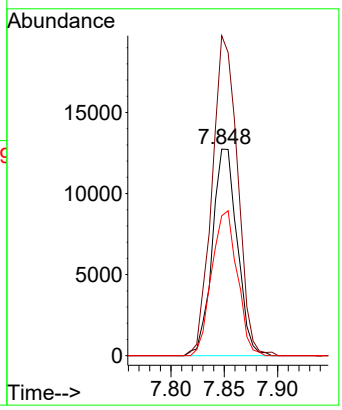


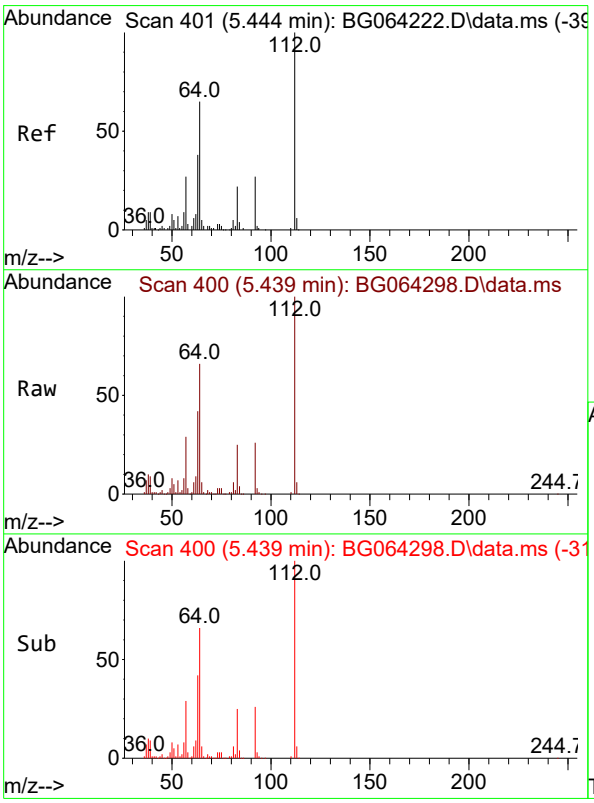
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.848 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG064298.D
Acq: 5 Sep 2025 18:35

Instrument :
BNA_G
ClientSampleId :
PB169526BL

Tgt Ion:152 Resp: 20719

Ion	Ratio	Lower	Upper
152	100		
150	154.9	128.0	192.0
115	67.7	55.7	83.5

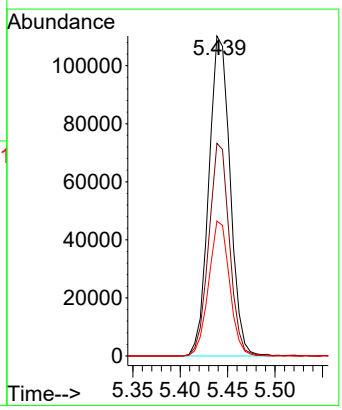


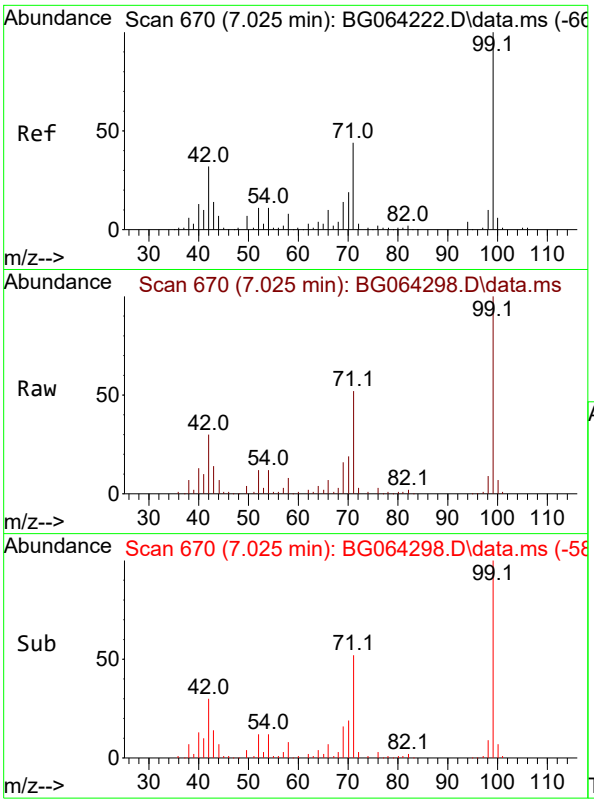


#5
2-Fluorophenol
Concen: 149.028 ng
RT: 5.439 min Scan# 400
Delta R.T. -0.006 min
Lab File: BG064298.D
Acq: 5 Sep 2025 18:35

Tgt Ion:112 Resp: 172104

Ion	Ratio	Lower	Upper
112	100		
64	66.5	51.8	77.6
63	42.2	30.6	45.8



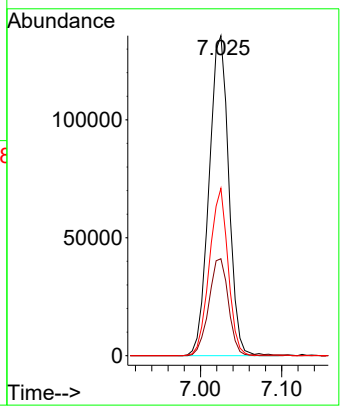


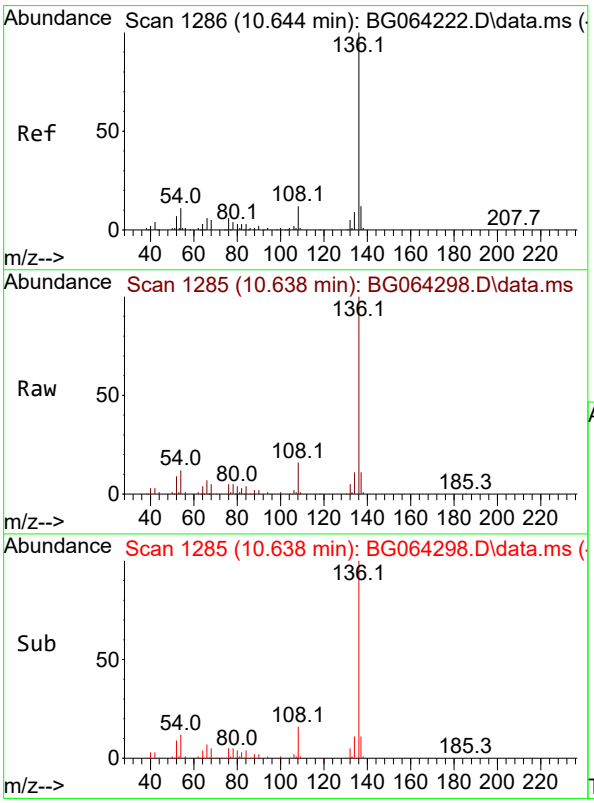
#7
Phenol-d6
Concen: 143.812 ng
RT: 7.025 min Scan# 6
Delta R.T. -0.006 min
Lab File: BG064298.D
Acq: 5 Sep 2025 18:35

Instrument :
BNA_G
ClientSampleId :
PB169526BL

Tgt Ion: 99 Resp: 228166

Ion	Ratio	Lower	Upper
99	100		
42	30.3	25.8	38.8
71	52.3	35.2	52.8

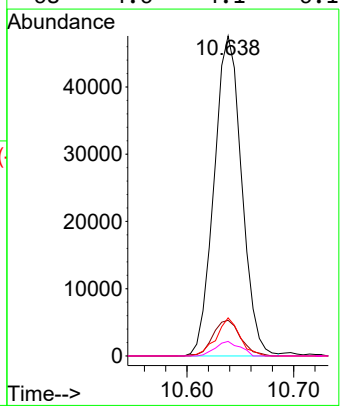


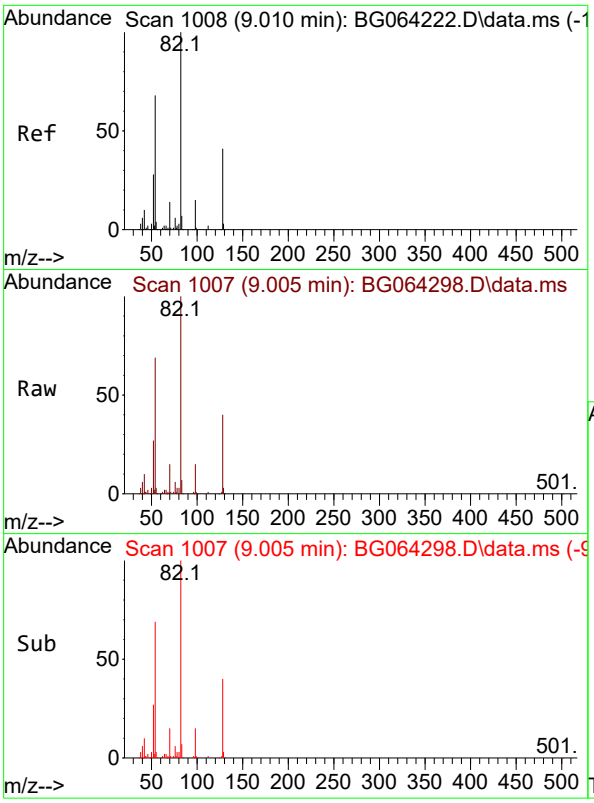


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.638 min Scan# 1285
Delta R.T. -0.012 min
Lab File: BG064298.D
Acq: 5 Sep 2025 18:35

Tgt Ion:136 Resp: 85605

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	11.9	8.8	13.2
68	4.6	4.1	6.1



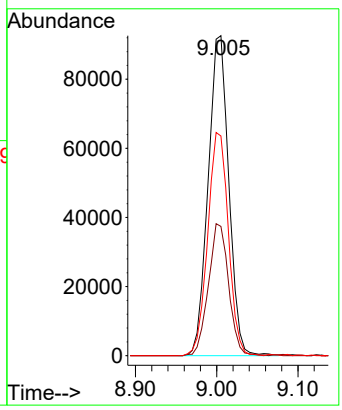


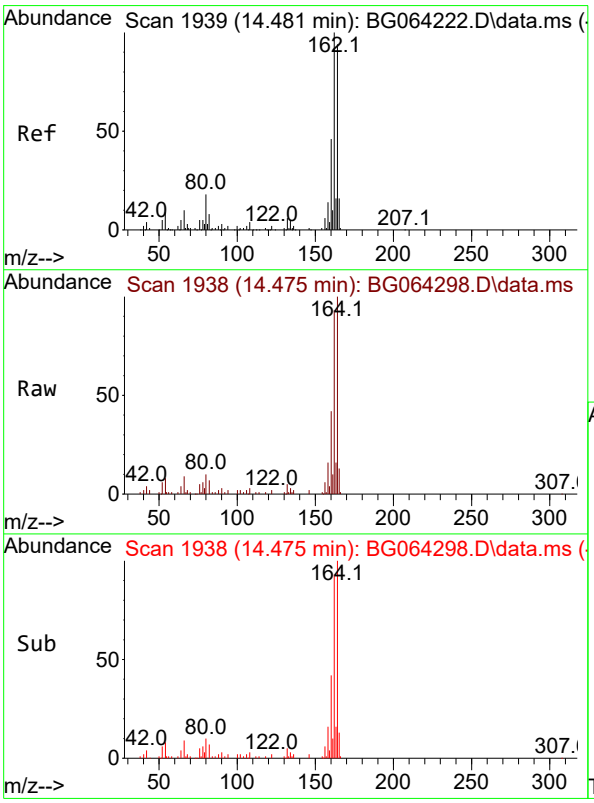
#23
Nitrobenzene-d5
Concen: 106.476 ng
RT: 9.005 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG064298.D
Acq: 5 Sep 2025 18:35

Instrument :
BNA_G
ClientSampleId :
PB169526BL

Tgt Ion: 82 Resp: 163436

Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.6	48.8
54	68.7	54.7	82.1

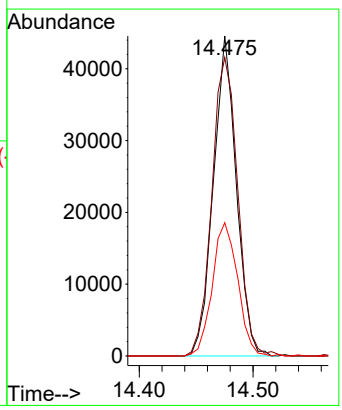


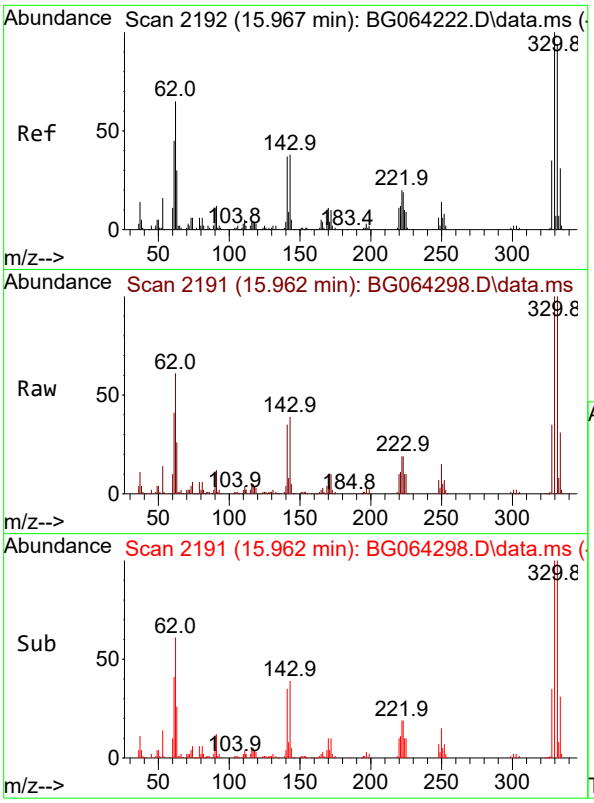


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BG064298.D
Acq: 5 Sep 2025 18:35

Tgt Ion:164 Resp: 62547

Ion	Ratio	Lower	Upper
164	100		
162	93.2	85.4	128.0
160	41.6	39.2	58.8



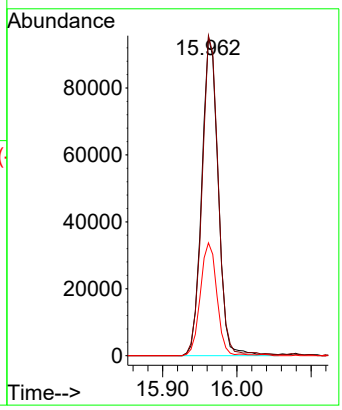


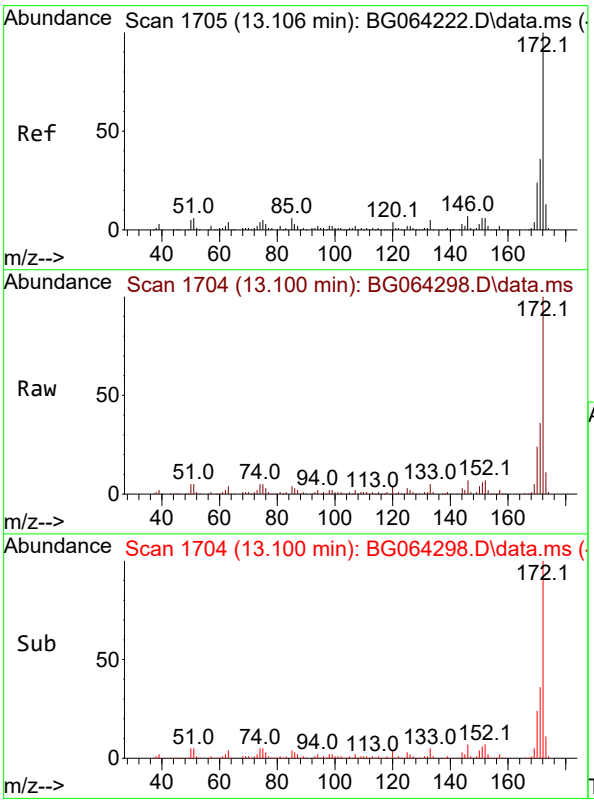
#42
2,4,6-Tribromophenol
Concen: 177.134 ng
RT: 15.962 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG064298.D
Acq: 5 Sep 2025 18:35

Instrument :
BNA_G
ClientSampleId :
PB169526BL

Tgt Ion:330 Resp: 146749

Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.6	116.4
141	35.7	29.8	44.6

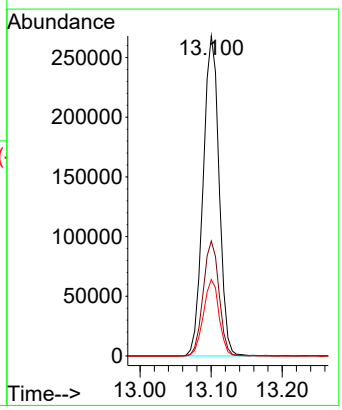


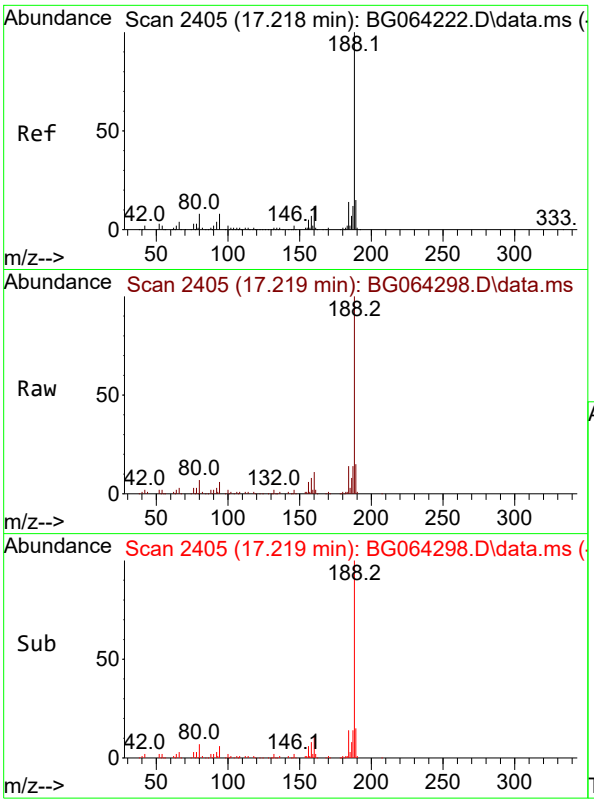


#45
2-Fluorobiphenyl
Concen: 102.139 ng
RT: 13.100 min Scan# 1704
Delta R.T. -0.012 min
Lab File: BG064298.D
Acq: 5 Sep 2025 18:35

Tgt Ion:172 Resp: 418547

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.7	43.1
170	23.8	19.0	28.6



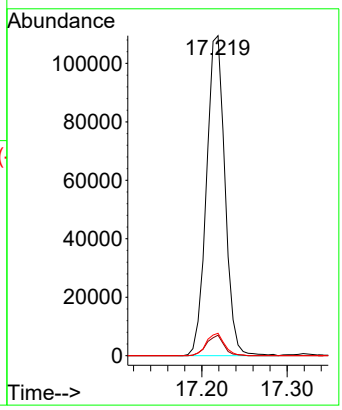


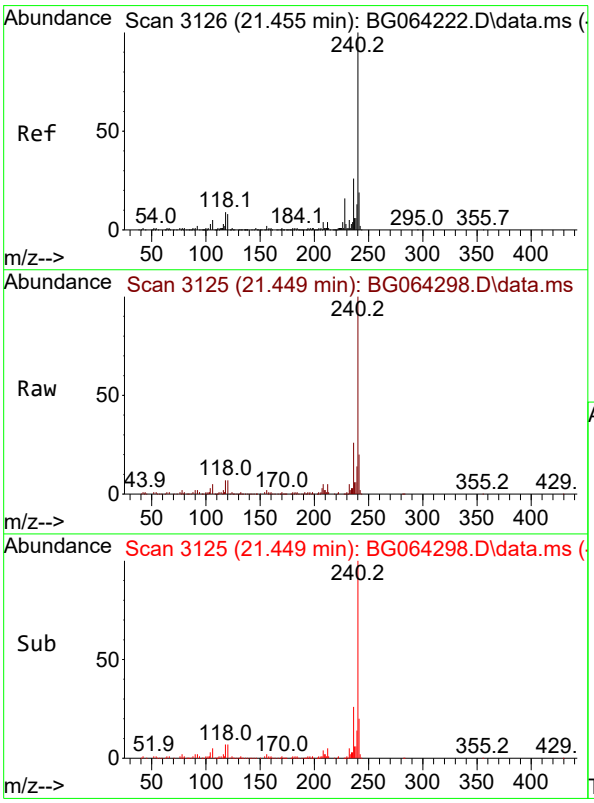
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.219 min Scan# 24
Delta R.T. -0.006 min
Lab File: BG064298.D
Acq: 5 Sep 2025 18:35

Instrument :
BNA_G
ClientSampleId :
PB169526BL

Tgt Ion:188 Resp: 164759

Ion	Ratio	Lower	Upper
188	100		
94	6.4	6.2	9.4
80	7.0	6.8	10.2

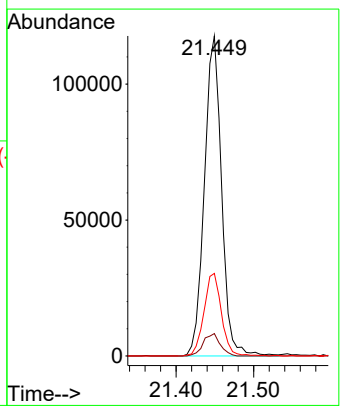


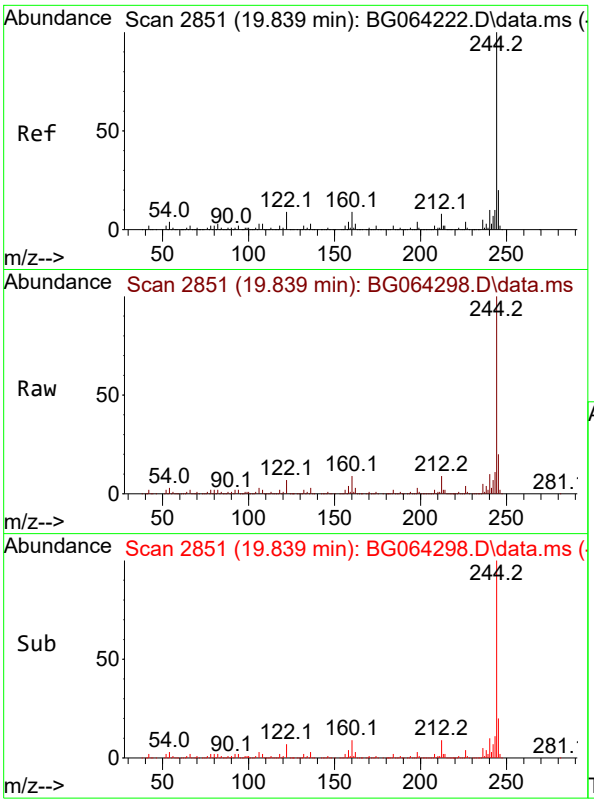


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.449 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BG064298.D
Acq: 5 Sep 2025 18:35

Tgt Ion:240 Resp: 181142

Ion	Ratio	Lower	Upper
240	100		
120	7.0	6.2	9.4
236	25.8	20.5	30.7



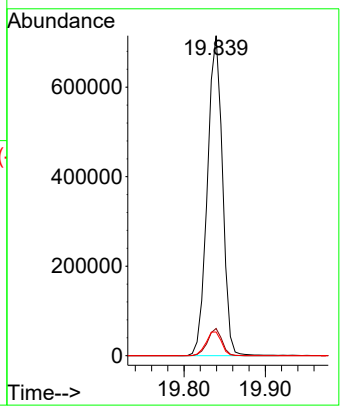


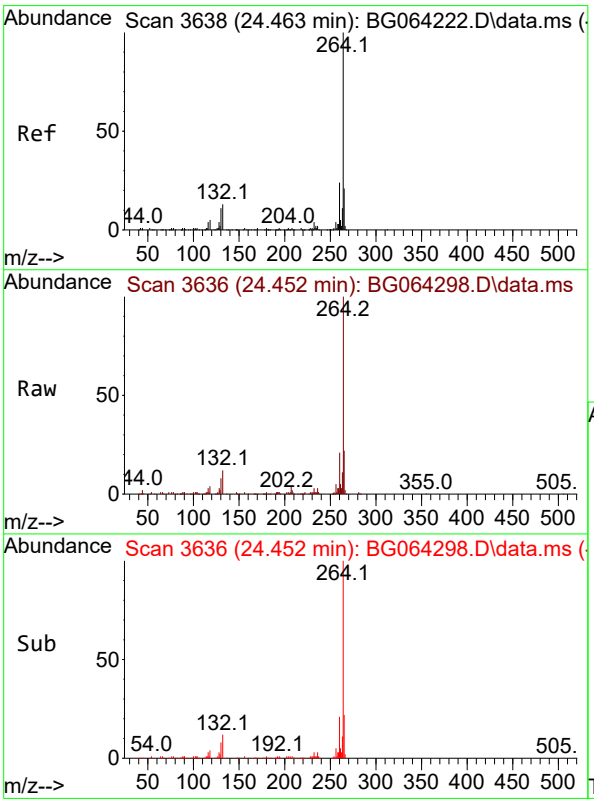
#79
Terphenyl-d14
Concen: 105.967 ng
RT: 19.839 min Scan# 2
Delta R.T. -0.006 min
Lab File: BG064298.D
Acq: 5 Sep 2025 18:35

Instrument :
BNA_G
ClientSampleId :
PB169526BL

Tgt Ion:244 Resp: 920029

Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.6	10.0
122	7.4	7.0	10.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.452 min Scan# 3636
Delta R.T. -0.012 min
Lab File: BG064298.D
Acq: 5 Sep 2025 18:35

Tgt Ion:264 Resp: 197432

Ion	Ratio	Lower	Upper
264	100		
260	20.7	18.9	28.3
265	22.1	16.7	25.1