Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
Data File : BN037114.D
Acq On : 28 May 2025 18:23
Operator : RC/JU
Sample : Q2082-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

Quant Time: May 28 18:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1698	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4547	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2504	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	4885	0.400	ng	# 0.00
29) Chrysene-d12	21.198	240	3172	0.400	ng	0.00
35) Perylene-d12	23.398	264	2643	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	829	0.186	ng	0.00
5) Phenol-d6	6.788	99	720	0.129	ng	0.00
8) Nitrobenzene-d5	8.760	82	1238	0.250	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	1631	0.255	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	389	0.354	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	3942	0.344	ng	-0.01
27) Fluoranthene-d10	19.040	212	3792	0.283	ng	0.00
31) Terphenyl-d14	19.644	244	3379	0.498	ng	-0.01
Target Compounds						Qvalue
9) Naphthalene	10.436	128	337	0.025	ng	# 63
25) Phenanthrene	17.046	178	393	0.025	ng	# 94
30) Pyrene	19.435	202	348	0.026	ng	97
34) Bis(2-ethylhexyl)phtha...	21.126	149	2004	0.273	ng	# 98

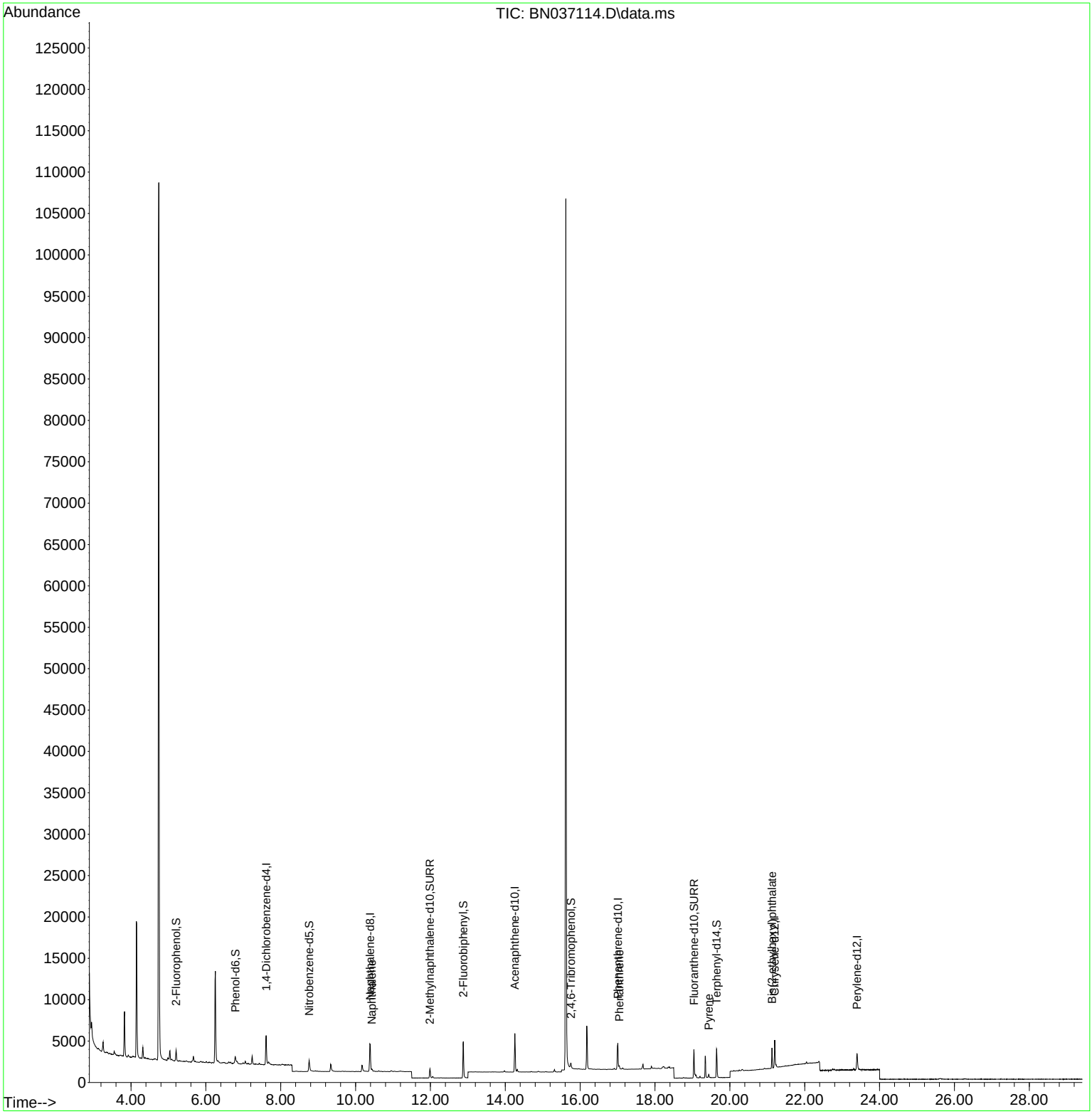
(#) = qualifier out of range (m) = manual integration (+) = signals summed

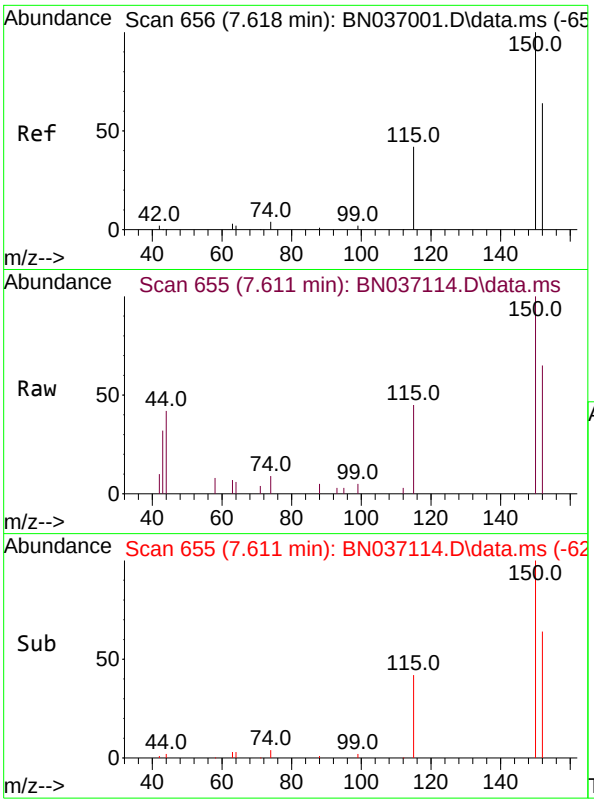
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
Data File : BN037114.D
Acq On : 28 May 2025 18:23
Operator : RC/JU
Sample : Q2082-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

Quant Time: May 28 18:56:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration



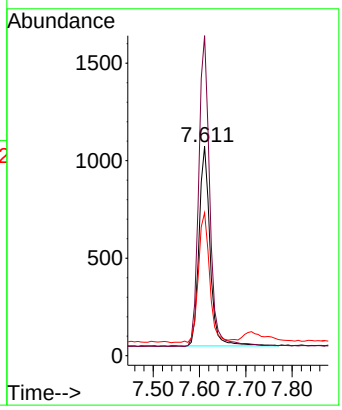


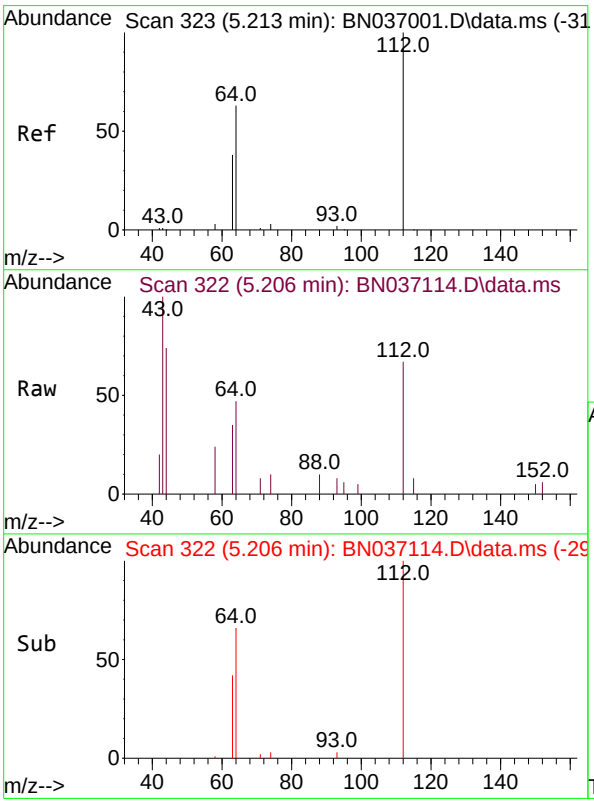
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.611 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

Tgt Ion:152 Resp: 1698

Ion	Ratio	Lower	Upper
152	100		
150	152.9	123.9	185.9
115	68.3	55.8	83.8

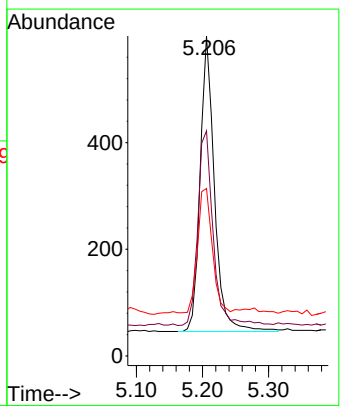


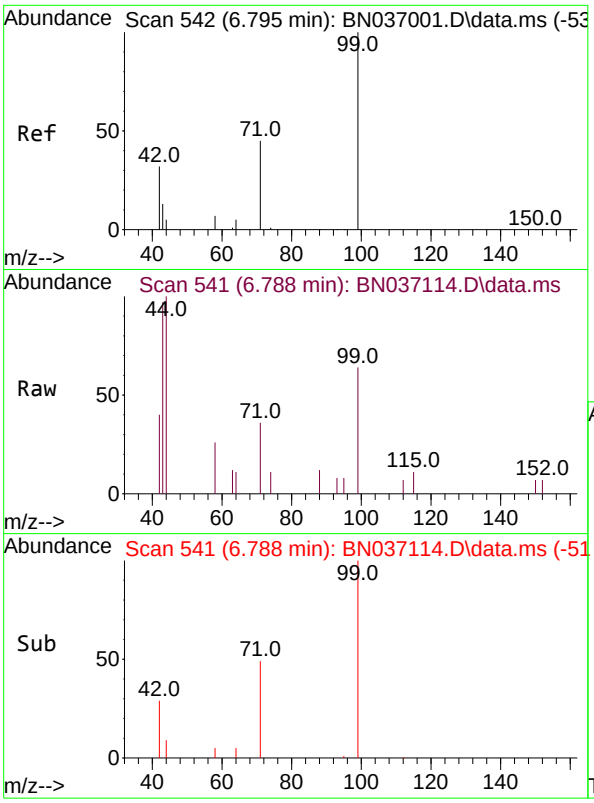


#4
2-Fluorophenol
Concen: 0.186 ng
RT: 5.206 min Scan# 322
Delta R.T. -0.007 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Tgt Ion:112 Resp: 829

Ion	Ratio	Lower	Upper
112	100		
64	71.2	55.7	83.5
63	43.5	34.6	51.8



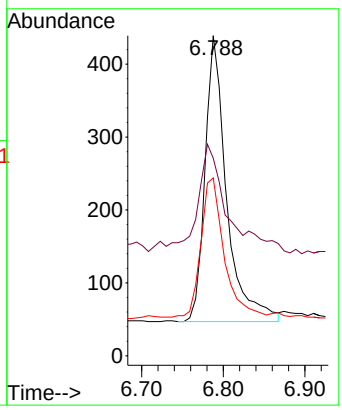


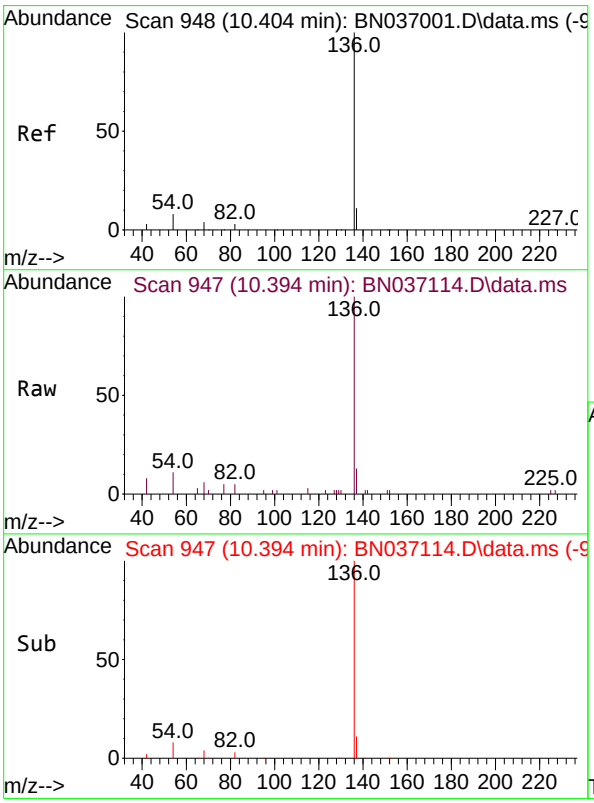
#5
Phenol-d6
Concen: 0.129 ng
RT: 6.788 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

Tgt Ion: 99 Resp: 720

Ion	Ratio	Lower	Upper
99	100		
42	50.6	29.3	43.9#
71	51.9	35.7	53.5

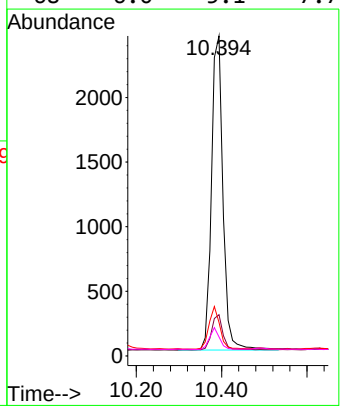


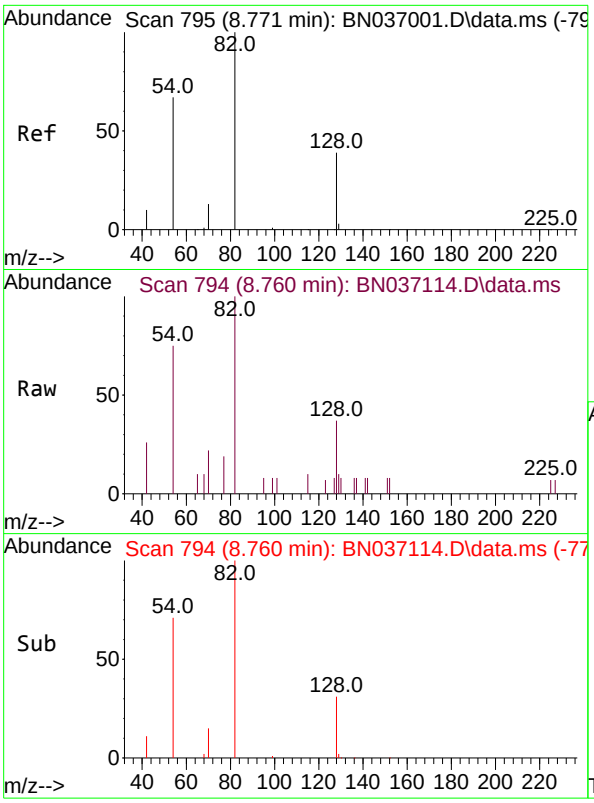


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.394 min Scan# 947
Delta R.T. -0.011 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Tgt Ion:136 Resp: 4547

Ion	Ratio	Lower	Upper
136	100		
137	12.9	10.4	15.6
54	10.5	8.5	12.7
68	6.0	5.1	7.7



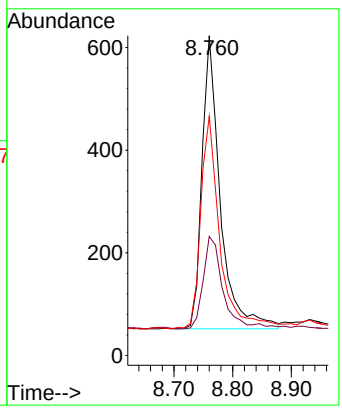


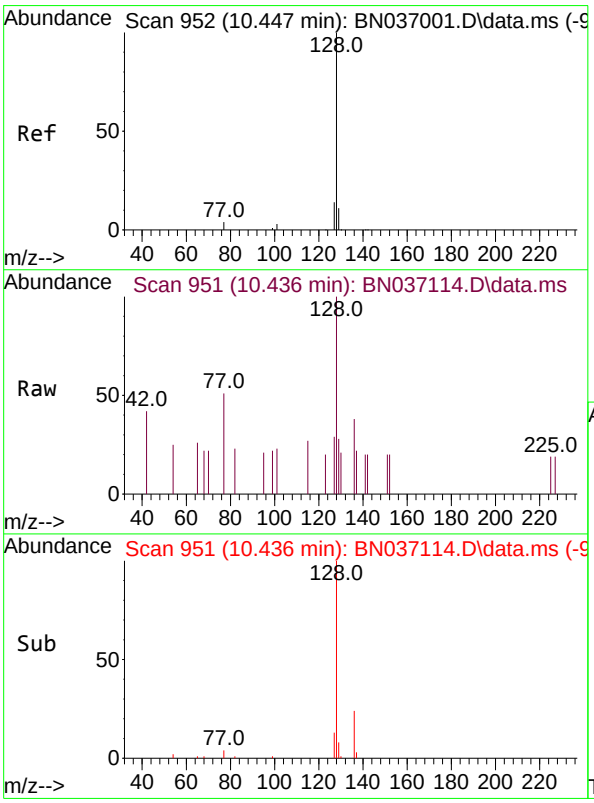
#8
Nitrobenzene-d5
Concen: 0.250 ng
RT: 8.760 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

Tgt Ion: 82 Resp: 1238

Ion	Ratio	Lower	Upper
82	100		
128	37.2	34.0	51.0
54	74.8	55.0	82.4

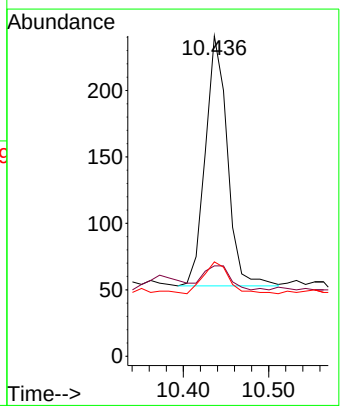


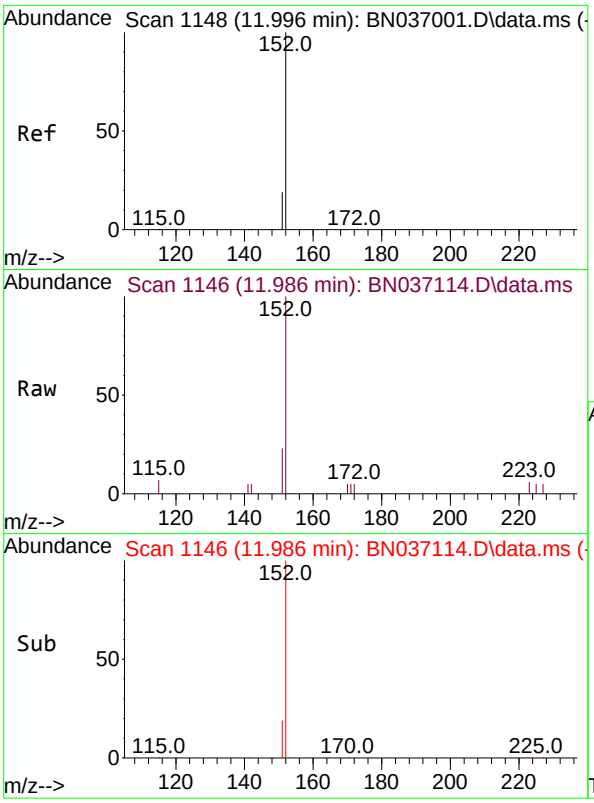


#9
Naphthalene
Concen: 0.025 ng
RT: 10.436 min Scan# 951
Delta R.T. -0.011 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Tgt Ion:128 Resp: 337

Ion	Ratio	Lower	Upper
128	100		
129	28.2	9.7	14.5#
127	29.5	12.4	18.6#



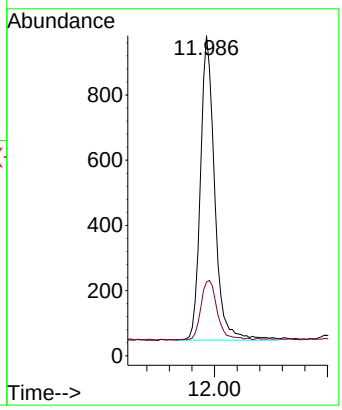


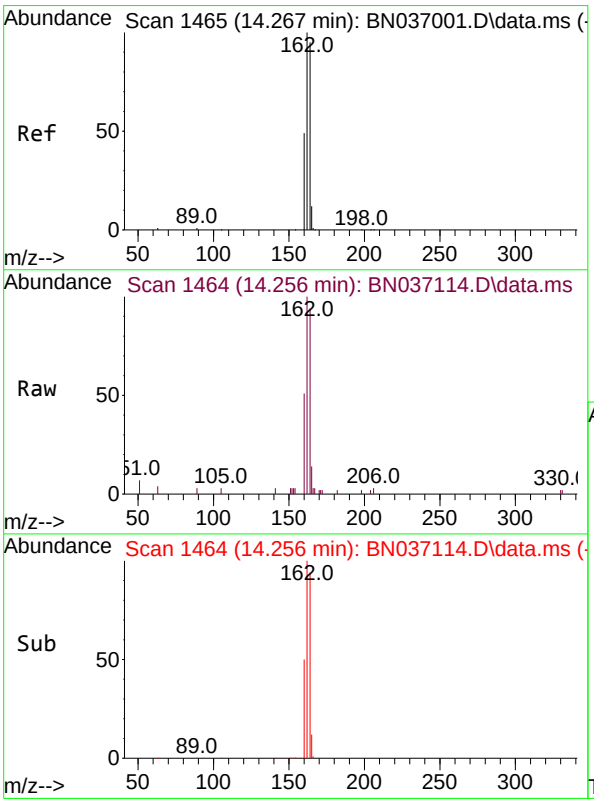
#11
2-Methylnaphthalene-d10
Concen: 0.255 ng
RT: 11.986 min Scan# 11
Delta R.T. -0.010 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

Tgt Ion:152 Resp: 1631

Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.5	26.3

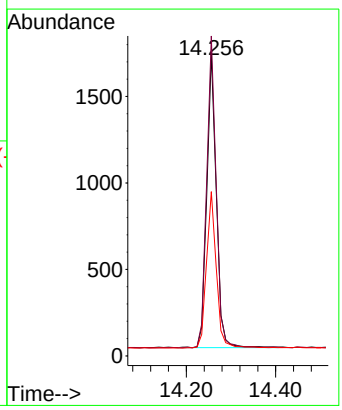


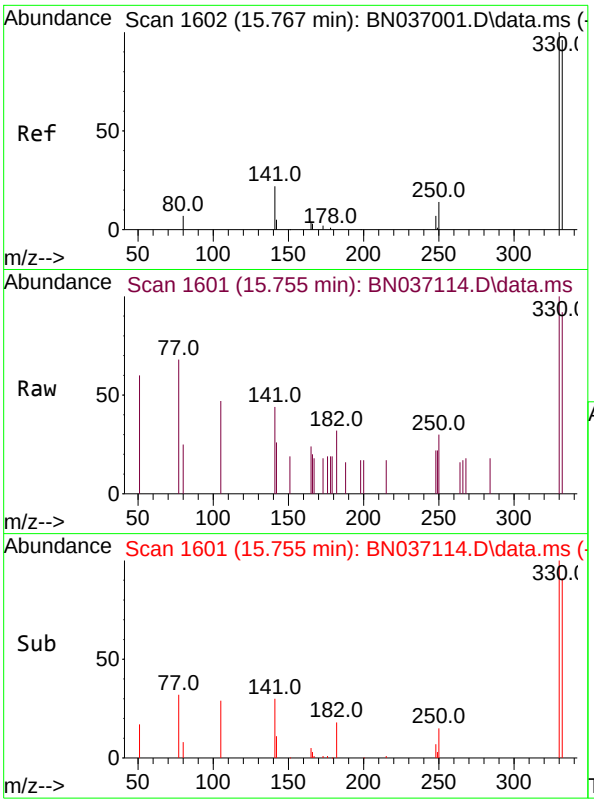


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.256 min Scan# 1464
Delta R.T. -0.011 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Tgt Ion:164 Resp: 2504

Ion	Ratio	Lower	Upper
164	100		
162	105.8	84.2	126.4
160	54.3	42.6	63.8



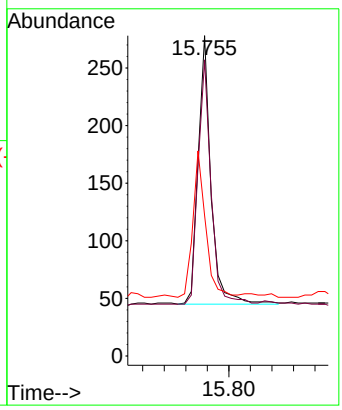


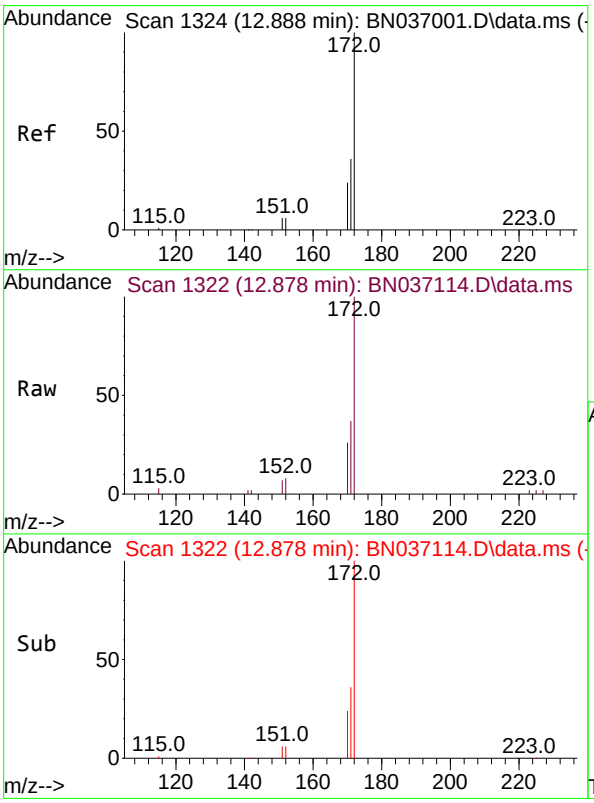
#14
2,4,6-Tribromophenol
Concen: 0.354 ng
RT: 15.755 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

Tgt Ion:330 Resp: 389

Ion	Ratio	Lower	Upper
330	100		
332	91.3	73.8	110.8
141	55.0	43.9	65.9

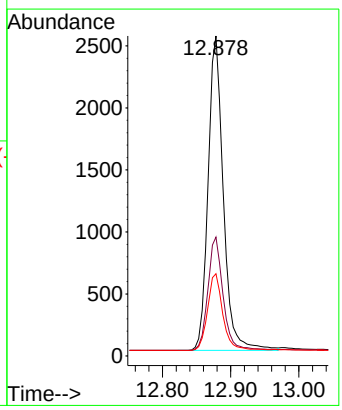


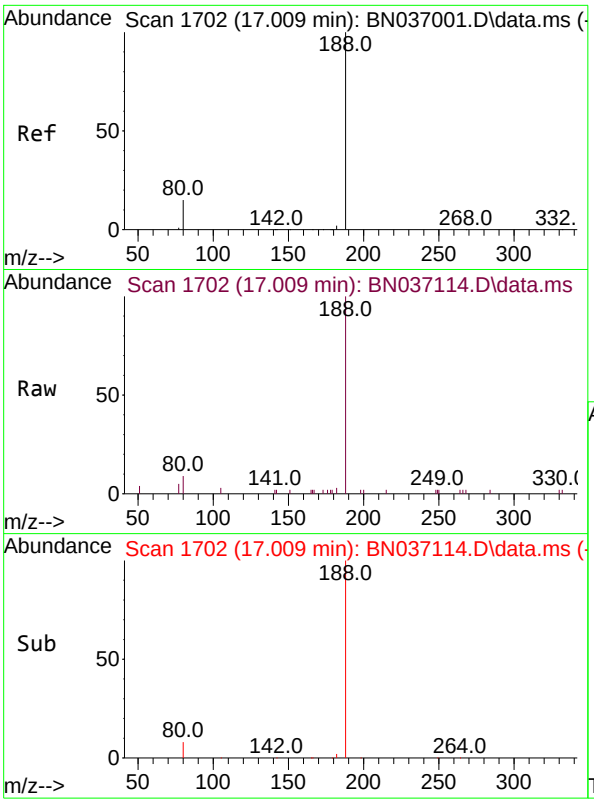


#15
2-Fluorobiphenyl
Concen: 0.344 ng
RT: 12.878 min Scan# 1322
Delta R.T. -0.010 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Tgt Ion:172 Resp: 3942

Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.2	43.8
170	25.7	20.5	30.7





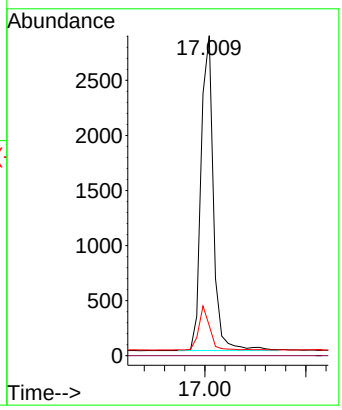
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.009 min Scan# 1

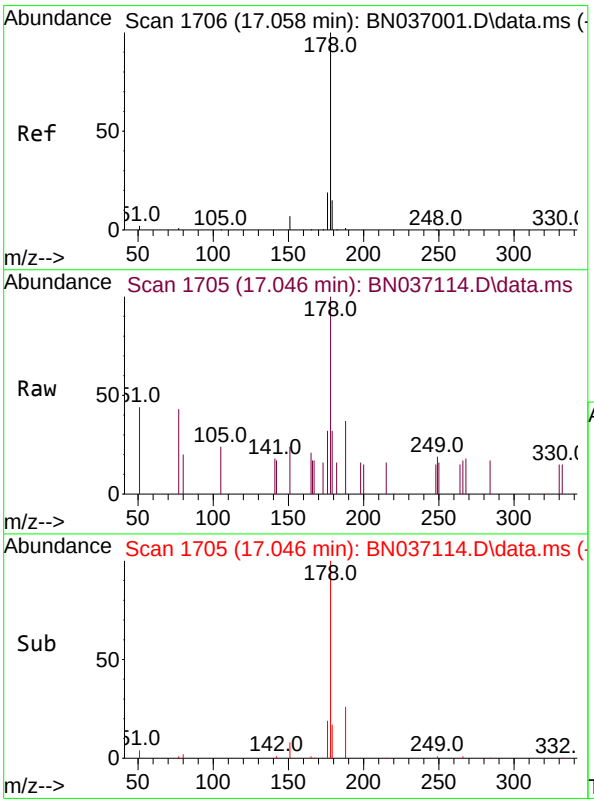
Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

Delta R.T. 0.000 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Tgt Ion:188 Resp: 4885

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	13.4	20.0#

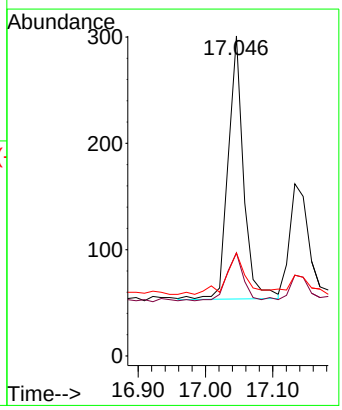


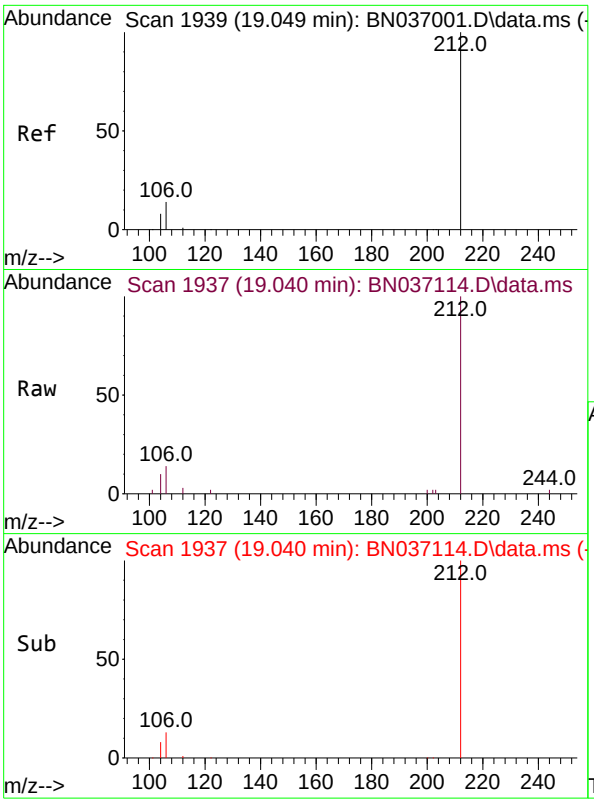


#25
Phenanthrene
Concen: 0.025 ng
RT: 17.046 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Tgt Ion:178 Resp: 393

Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	20.4	12.2	18.2#



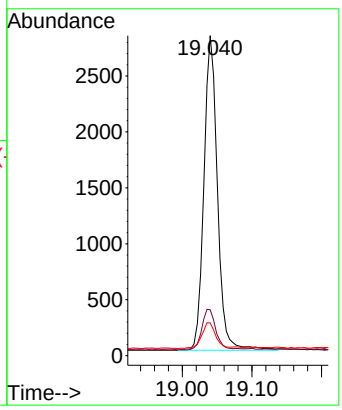


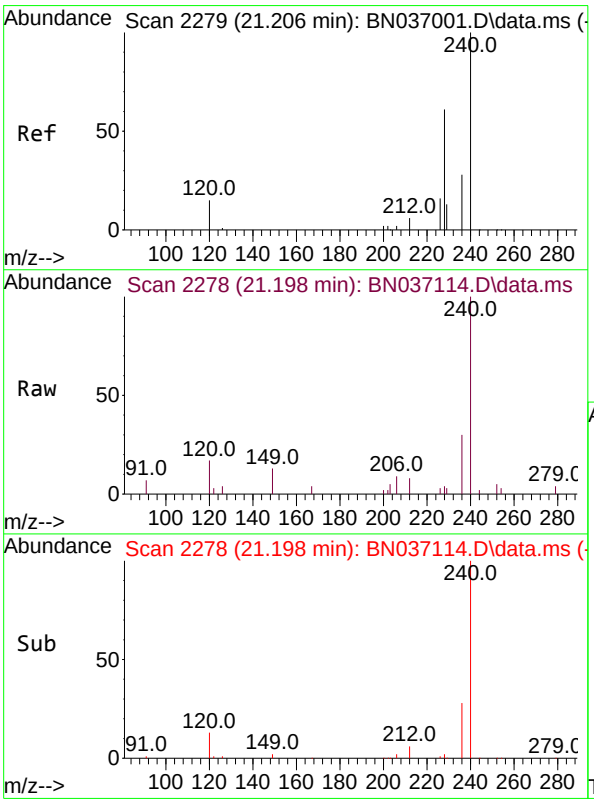
#27
Fluoranthene-d10
Concen: 0.283 ng
RT: 19.040 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

Tgt Ion:212 Resp: 3792

Ion	Ratio	Lower	Upper
212	100		
106	13.1	11.3	16.9
104	8.6	6.7	10.1

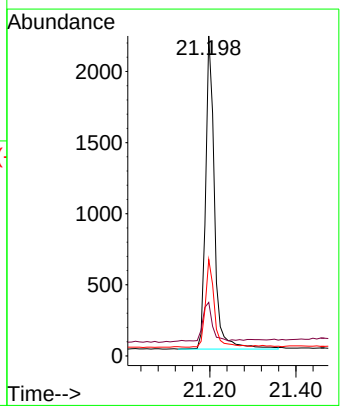


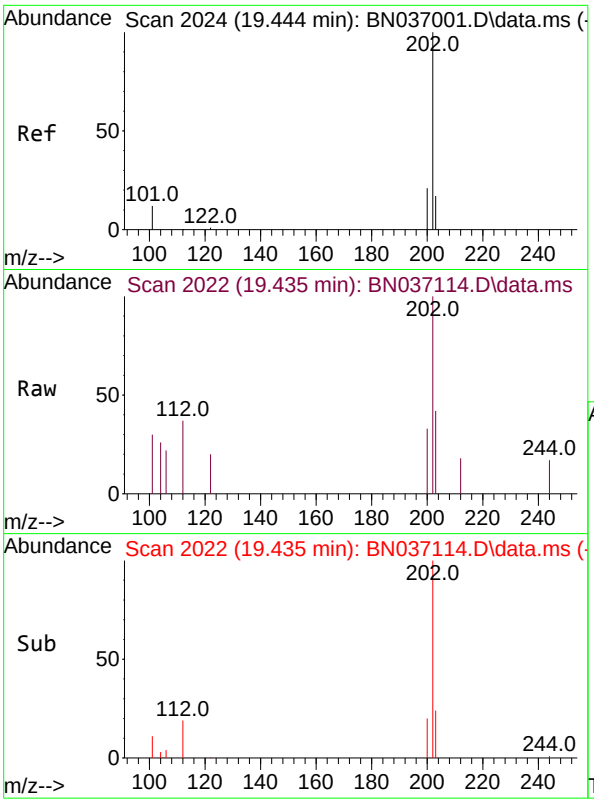


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.198 min Scan# 2278
Delta R.T. -0.009 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Tgt Ion:240 Resp: 3172

Ion	Ratio	Lower	Upper
240	100		
120	16.8	15.1	22.7
236	30.1	24.0	36.0



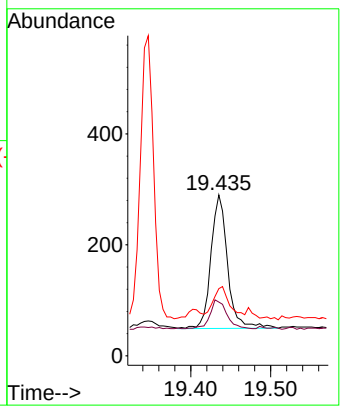


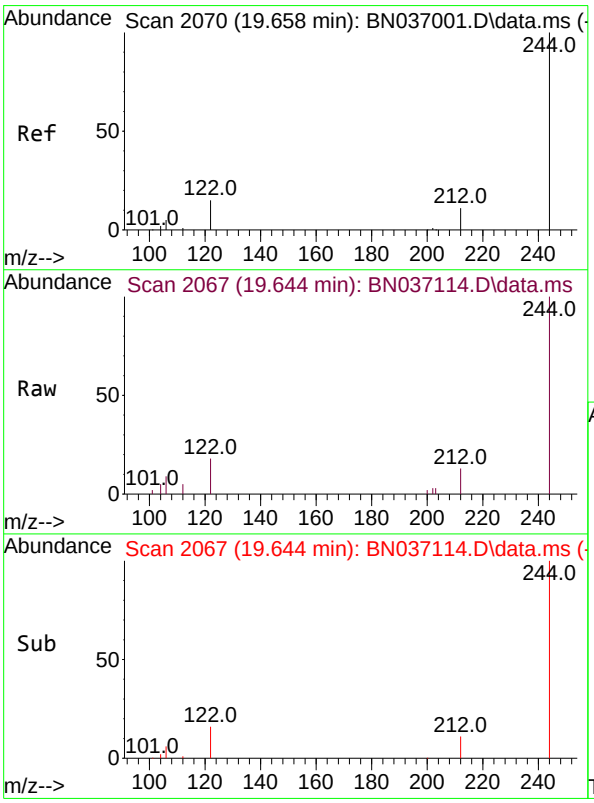
#30
Pyrene
Concen: 0.026 ng
RT: 19.435 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

Tgt Ion:202 Resp: 348

Ion	Ratio	Lower	Upper
202	100		
200	23.0	17.1	25.7
203	19.3	14.2	21.4

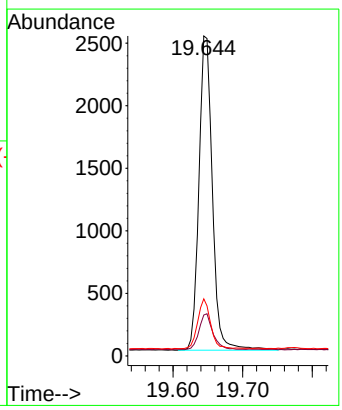


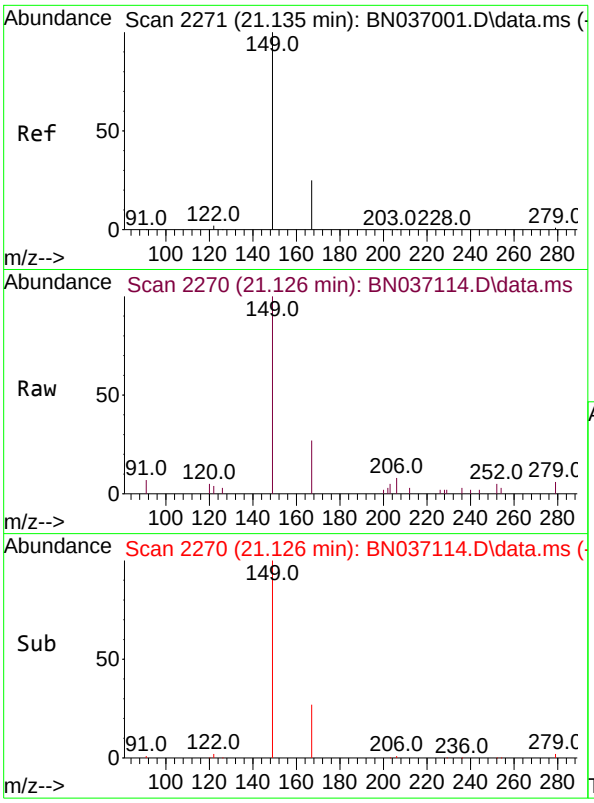


#31
Terphenyl-d14
Concen: 0.498 ng
RT: 19.644 min Scan# 2067
Delta R.T. -0.014 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Tgt Ion:244 Resp: 3379

Ion	Ratio	Lower	Upper
244	100		
212	12.8	9.7	14.5
122	17.8	13.4	20.0



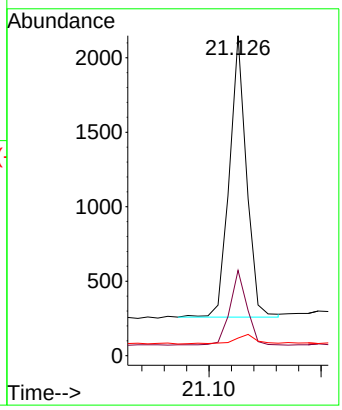


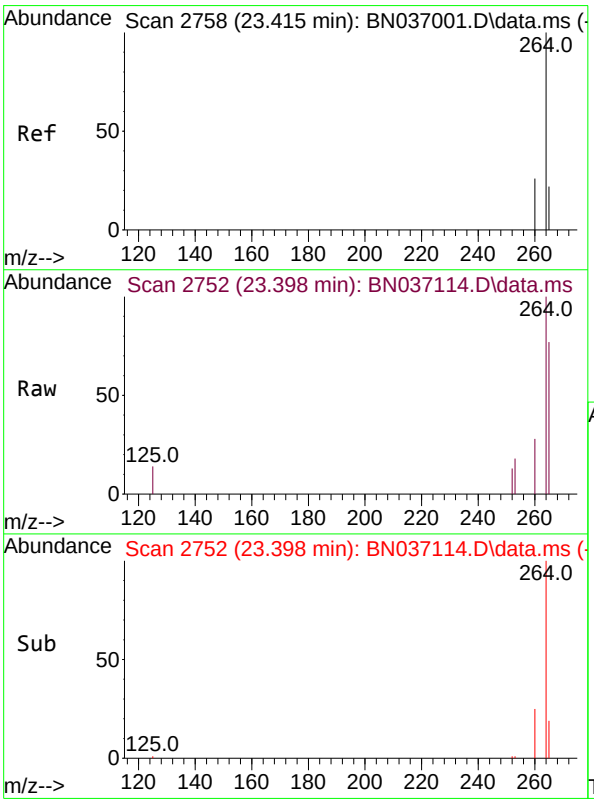
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.273 ng
RT: 21.126 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Instrument :
BNA_N
ClientSampleId :
BP-VPB-182-GW-260-262

Tgt Ion:149 Resp: 2004

Ion	Ratio	Lower	Upper
149	100		
167	26.4	20.6	30.8
279	4.3	2.6	3.8#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.398 min Scan# 2752
Delta R.T. -0.017 min
Lab File: BN037114.D
Acq: 28 May 2025 18:23

Tgt Ion:264 Resp: 2643

Ion	Ratio	Lower	Upper
264	100		
260	27.8	21.9	32.9
265	76.9	51.6	77.4