Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
Data File : BN037614.D
Acq On : 19 Aug 2025 19:07
Operator : RC/JU
Sample : Q2878-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

Quant Time: Aug 20 01:28:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 13 05:00:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	2177	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5462	0.400	ng	0.00
13) Acenaphthene-d10	14.345	164	2861	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	5958	0.400	ng	# 0.00
29) Chrysene-d12	21.268	240	5314	0.400	ng	0.00
35) Perylene-d12	23.499	264	4798	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	471	0.095	ng	0.00
5) Phenol-d6	6.879	99	453	0.076	ng	0.00
8) Nitrobenzene-d5	8.854	82	1115	0.290	ng	0.00
11) 2-Methylnaphthalene-d10	12.086	152	1931	0.260	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	393	0.314	ng	0.00
15) 2-Fluorobiphenyl	12.973	172	5162	0.312	ng	0.00
27) Fluoranthene-d10	19.113	212	5575	0.356	ng	0.00
31) Terphenyl-d14	19.717	244	5126	0.469	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.232	88	3441	1.652	ng	# 87
9) Naphthalene	10.541	128	416	0.029	ng	# 64
17) Acenaphthene	14.409	154	212	0.024	ng	97
25) Phenanthrene	17.124	178	824	0.045	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	557	0.076	ng	# 96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081925\
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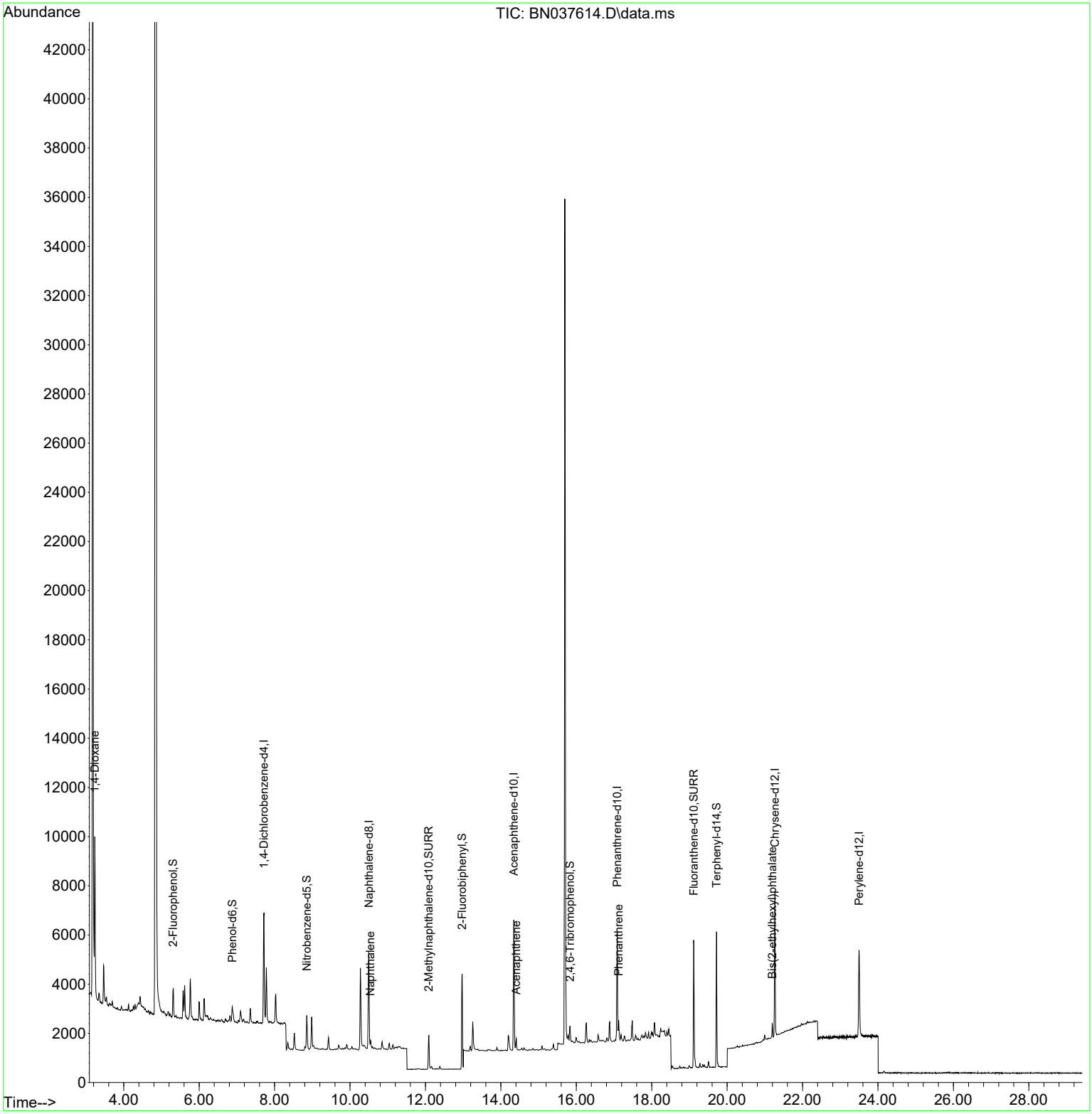
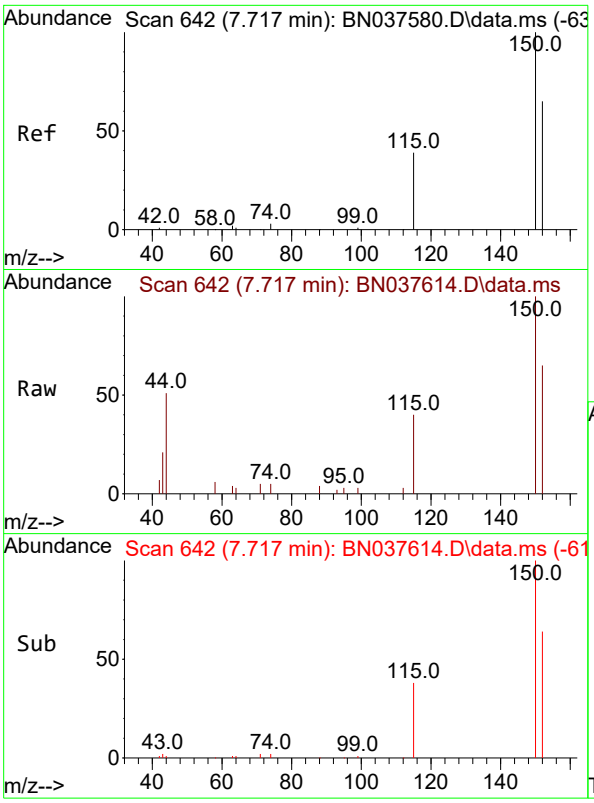


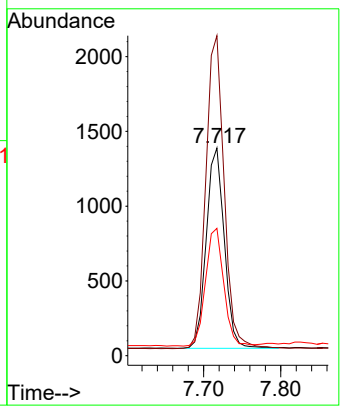


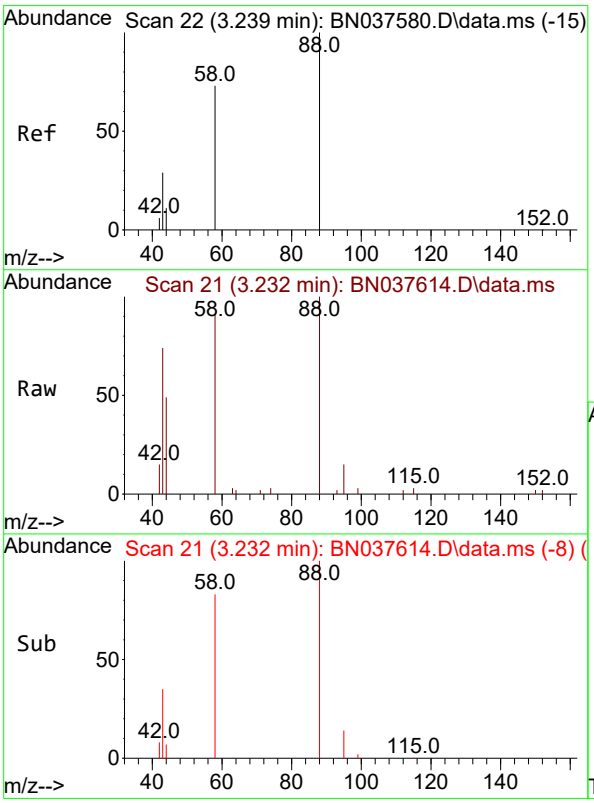
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. 0.000 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

Tgt Ion:152 Resp: 2177

Ion	Ratio	Lower	Upper
152	100		
150	154.1	122.2	183.4
115	61.3	49.8	74.6

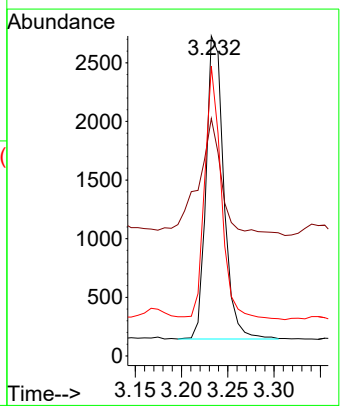


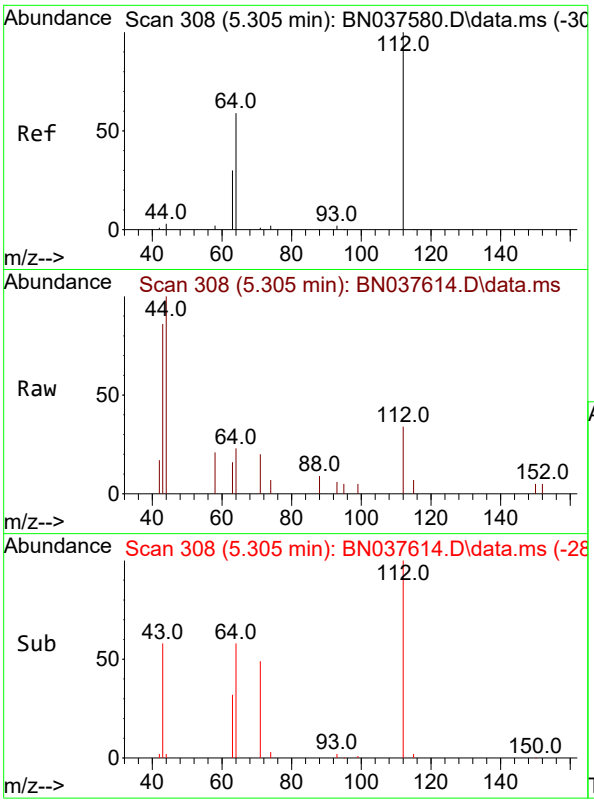


#2
1,4-Dioxane
Concen: 1.652 ng
RT: 3.232 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Tgt Ion: 88 Resp: 3441

Ion	Ratio	Lower	Upper
88	100		
43	52.5	25.8	38.6#
58	78.8	61.2	91.8



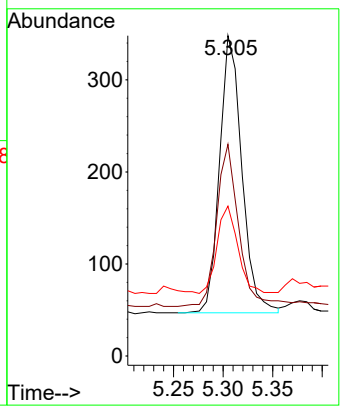


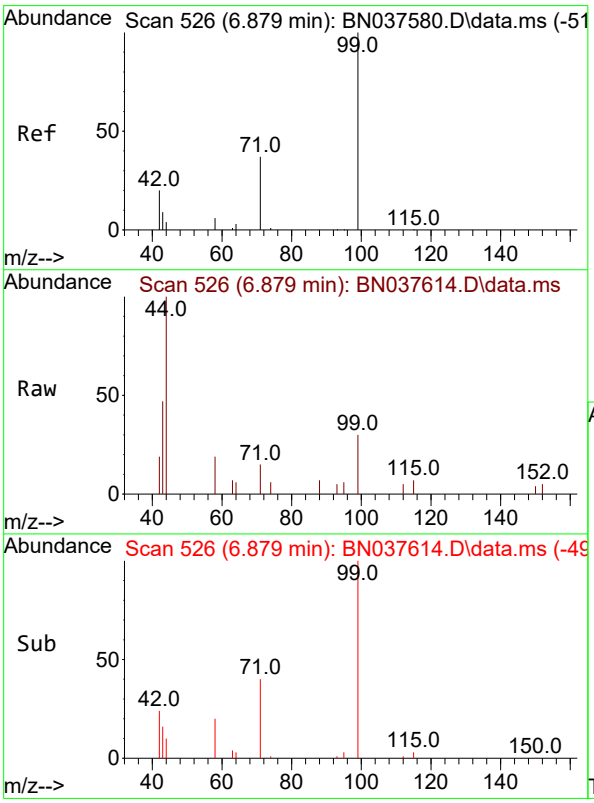
#4
2-Fluorophenol
Concen: 0.095 ng
RT: 5.305 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

Tgt Ion:112 Resp: 471

Ion	Ratio	Lower	Upper
112	100		
64	59.7	44.9	67.3
63	31.6	23.4	35.2

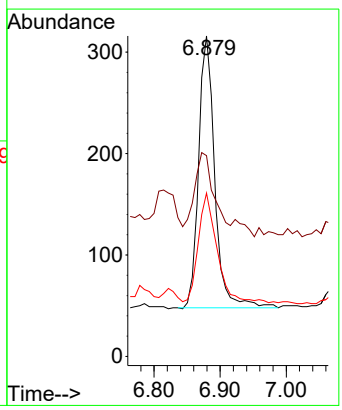


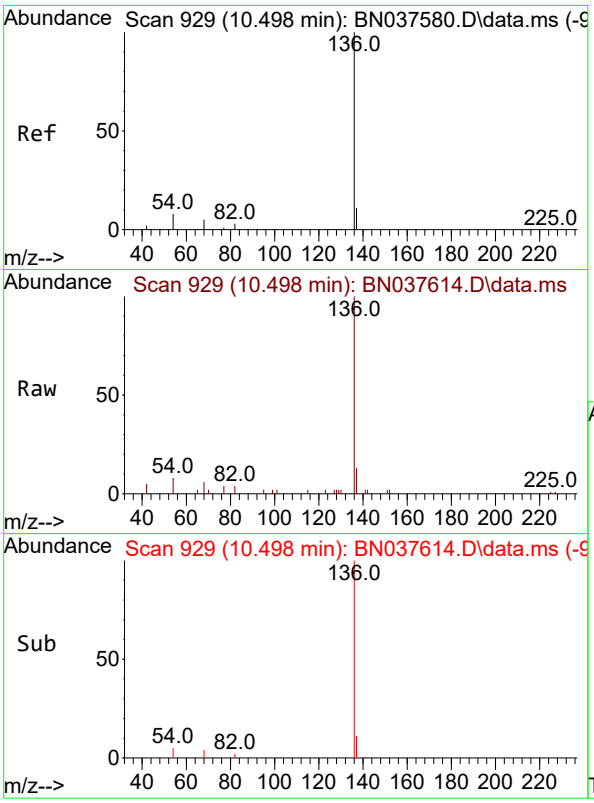


#5
Phenol-d6
Concen: 0.076 ng
RT: 6.879 min Scan# 526
Delta R.T. 0.000 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Tgt Ion: 99 Resp: 453

Ion	Ratio	Lower	Upper
99	100		
42	29.4	18.5	27.7#
71	46.8	28.6	42.8#



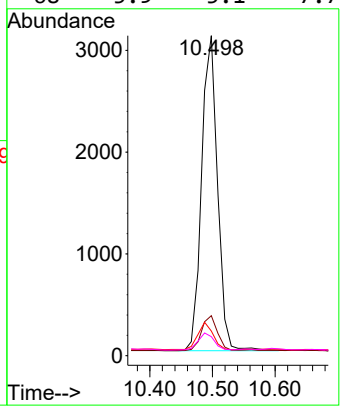


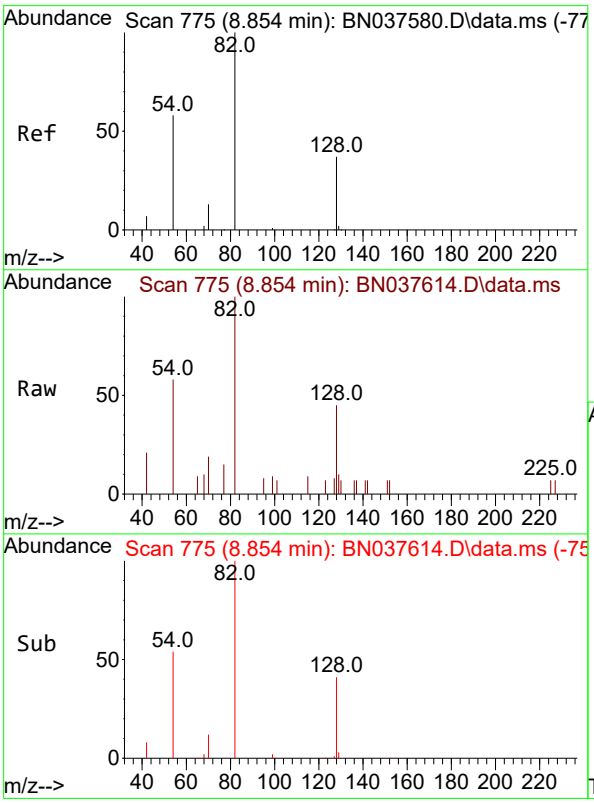
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

Tgt Ion:136 Resp: 5462

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.5	14.3
54	7.7	7.3	10.9
68	5.9	5.1	7.7

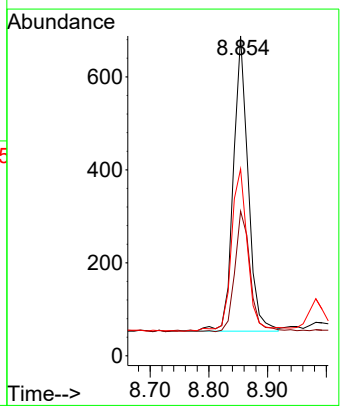


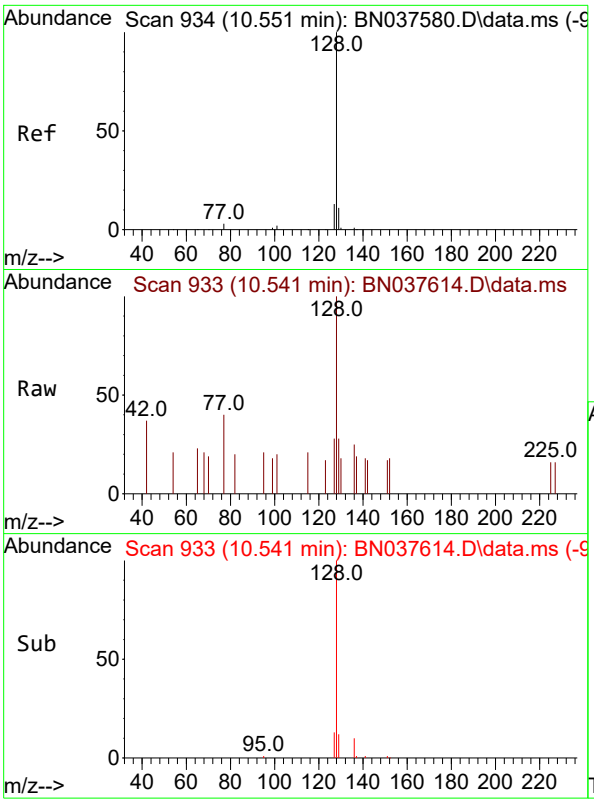


#8
Nitrobenzene-d5
Concen: 0.290 ng
RT: 8.854 min Scan# 775
Delta R.T. 0.000 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Tgt Ion: 82 Resp: 1115

Ion	Ratio	Lower	Upper
82	100		
128	45.2	32.6	48.8
54	58.4	48.9	73.3



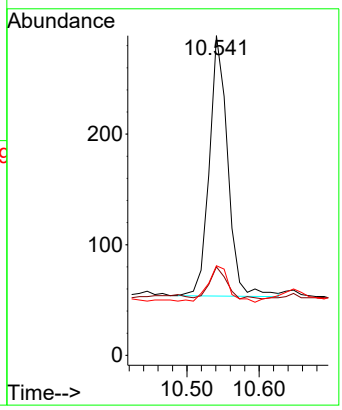


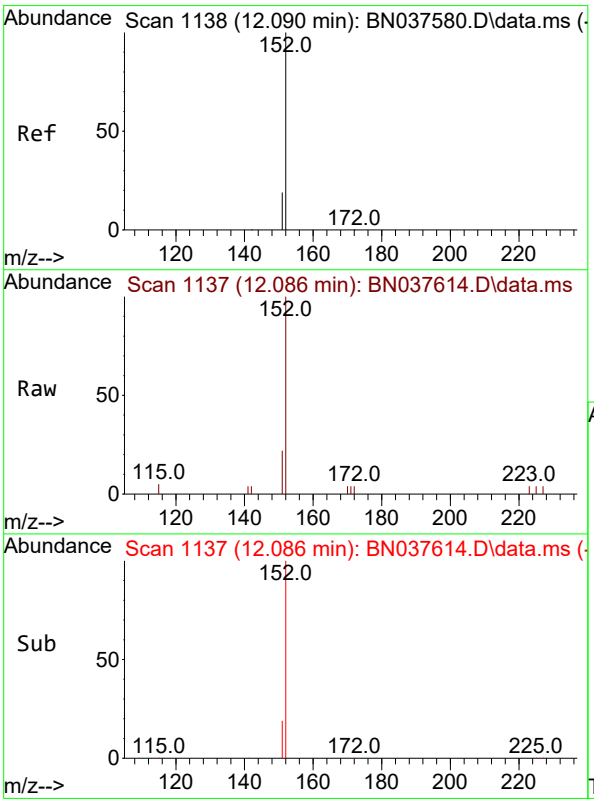
#9
Naphthalene
Concen: 0.029 ng
RT: 10.541 min Scan# 9
Delta R.T. -0.010 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

Tgt Ion:128 Resp: 416

Ion	Ratio	Lower	Upper
128	100		
129	27.7	9.8	14.6#
127	28.0	11.5	17.3#

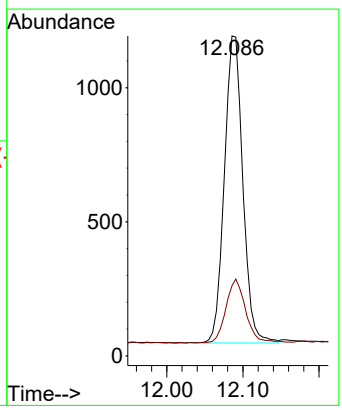


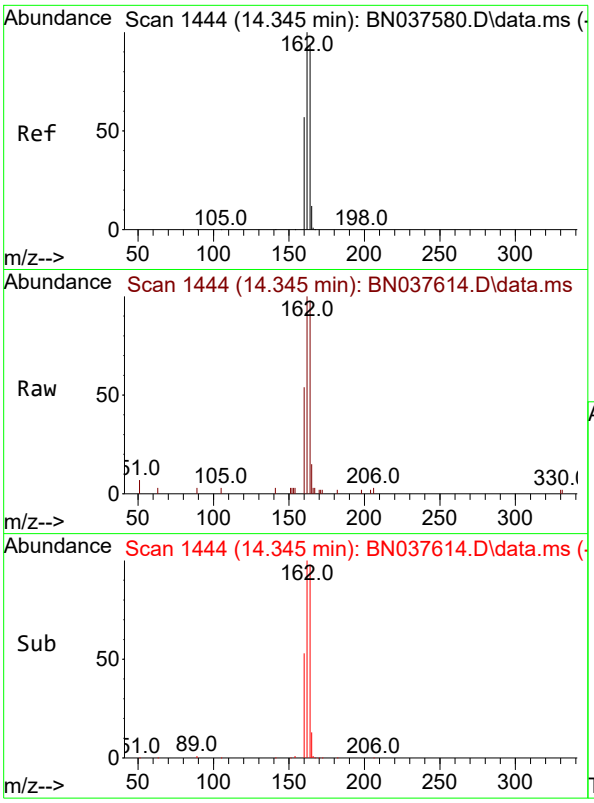


#11
2-Methylnaphthalene-d10
Concen: 0.260 ng
RT: 12.086 min Scan# 1137
Delta R.T. -0.005 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Tgt Ion:152 Resp: 1931

Ion	Ratio	Lower	Upper
152	100		
151	22.6	17.3	25.9



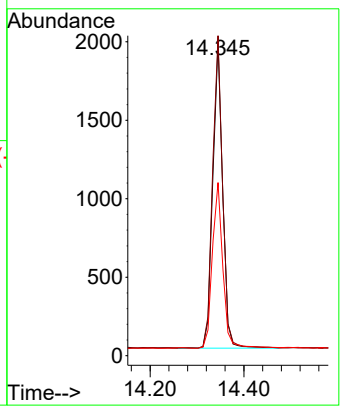


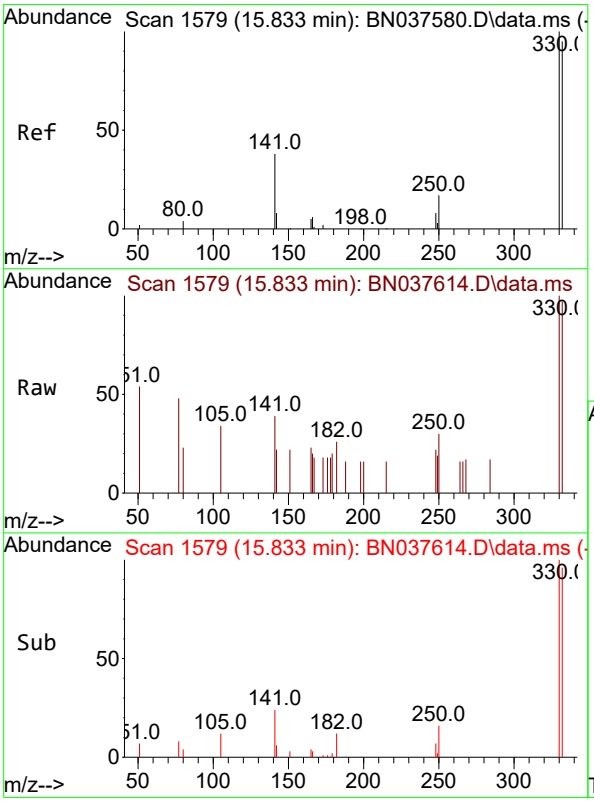
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

Tgt Ion:164 Resp: 2861

Ion	Ratio	Lower	Upper
164	100		
162	102.1	85.5	128.3
160	55.2	49.5	74.3

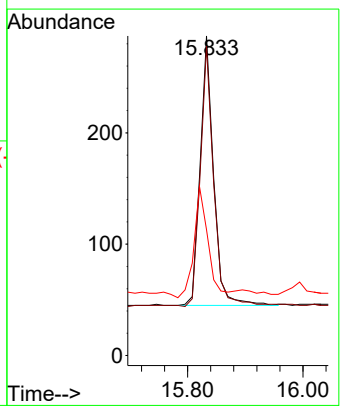


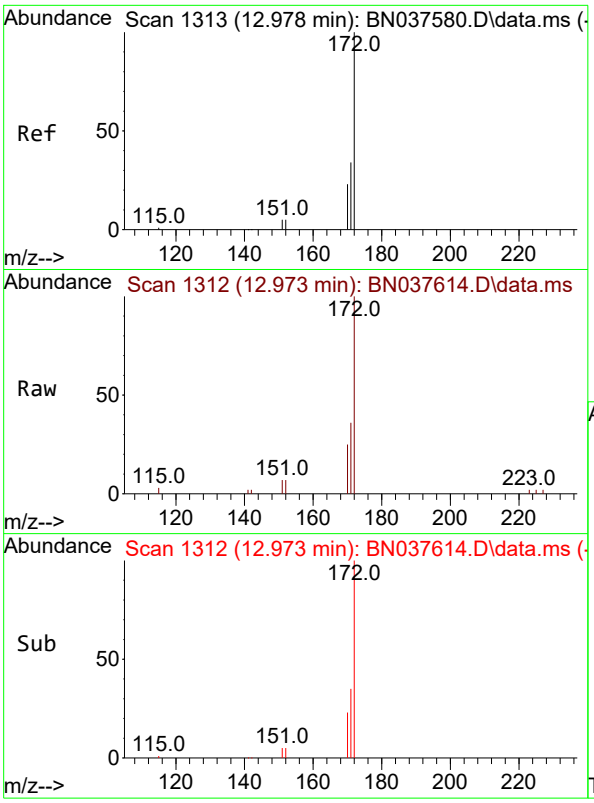


#14
2,4,6-Tribromophenol
Concen: 0.314 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Tgt Ion:330 Resp: 393

Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.4	116.0
141	42.7	30.9	46.3



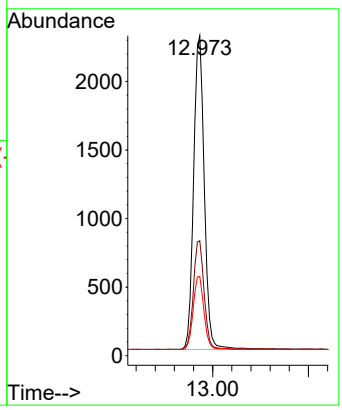


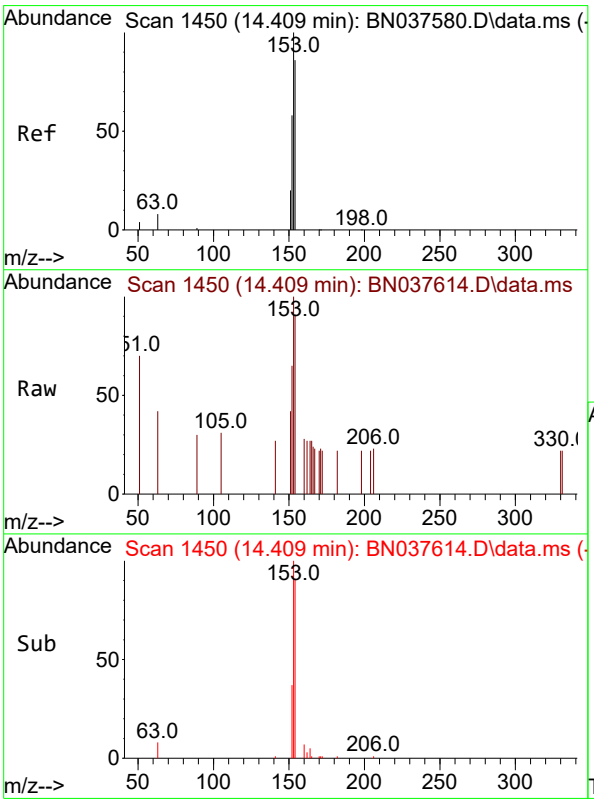
#15
2-Fluorobiphenyl
Concen: 0.312 ng
RT: 12.973 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

Tgt Ion:172 Resp: 5162

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	24.8	19.2	28.8

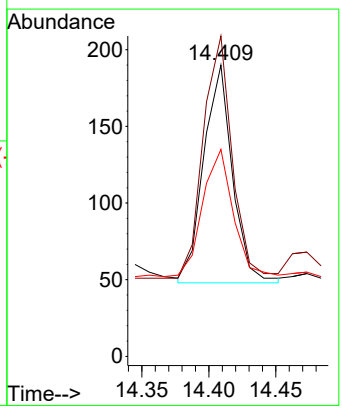


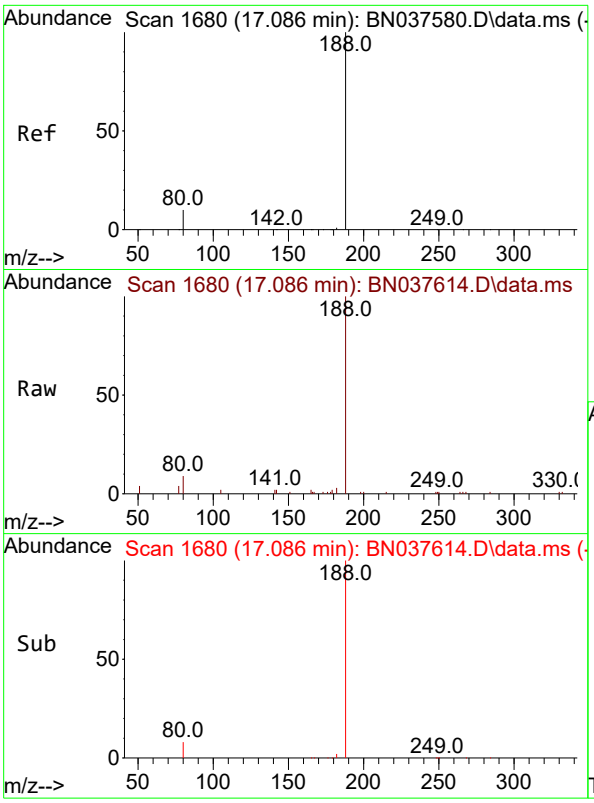


#17
Acenaphthene
Concen: 0.024 ng
RT: 14.409 min Scan# 1450
Delta R.T. 0.000 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Tgt Ion:154 Resp: 212

Ion	Ratio	Lower	Upper
154	100		
153	112.7	90.6	135.8
152	61.8	54.9	82.3



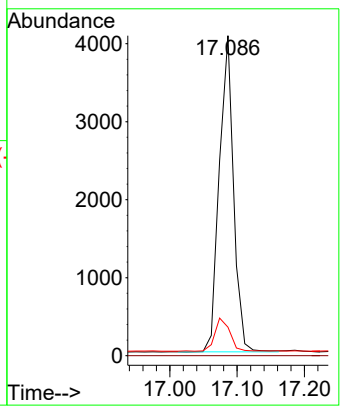


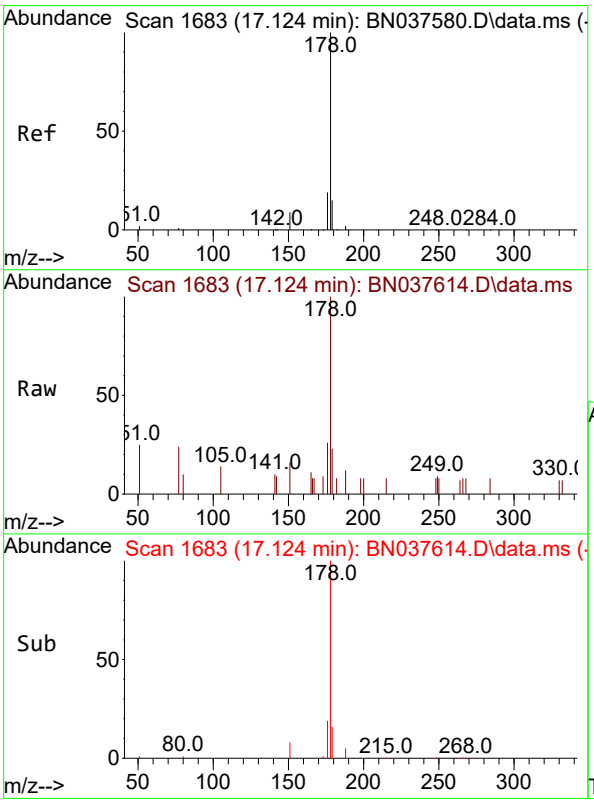
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

Tgt Ion:188 Resp: 5958

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.9	9.1	13.7#

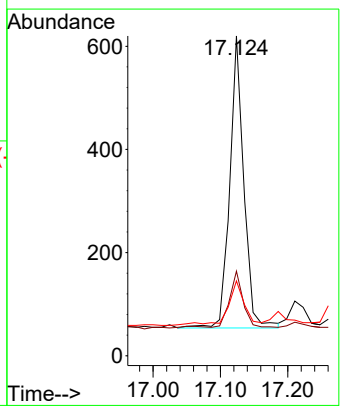


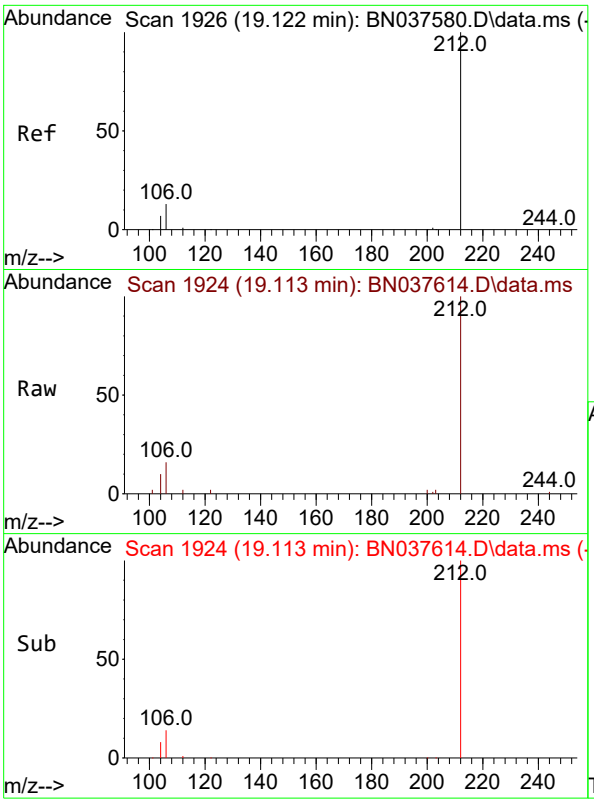


#25
Phenanthrene
Concen: 0.045 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Tgt Ion:178 Resp: 824

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.0	22.6
179	15.2	12.3	18.5



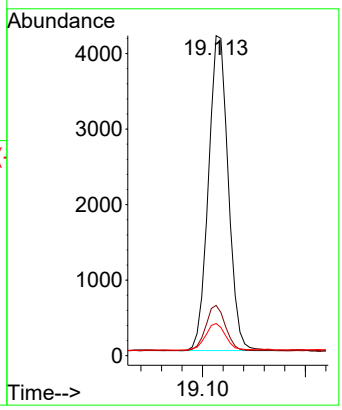


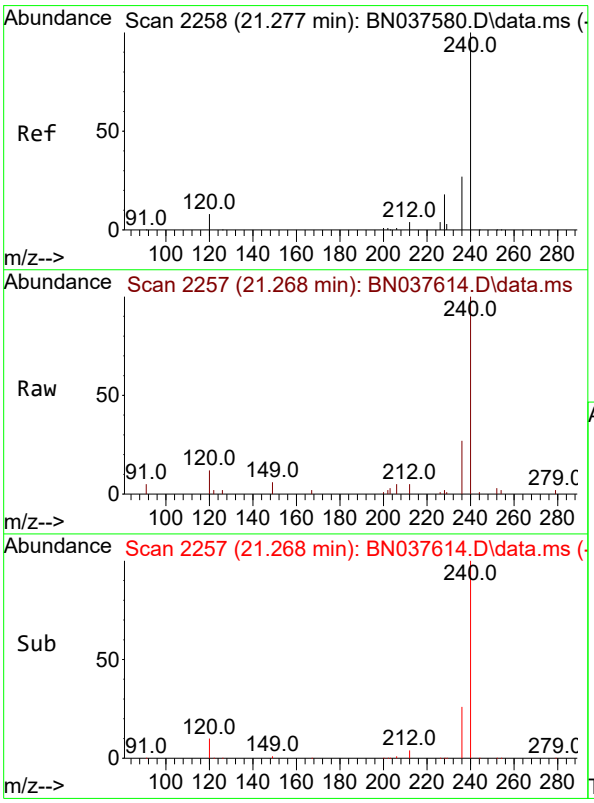
#27
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.113 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

Tgt Ion:212 Resp: 5575

Ion	Ratio	Lower	Upper
212	100		
106	14.7	11.5	17.3
104	8.4	6.6	9.8

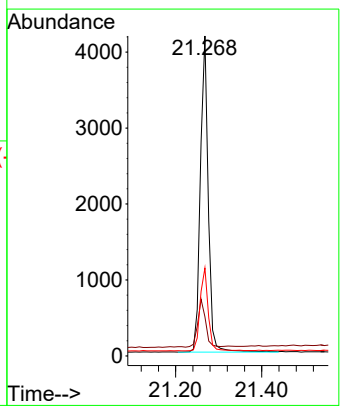


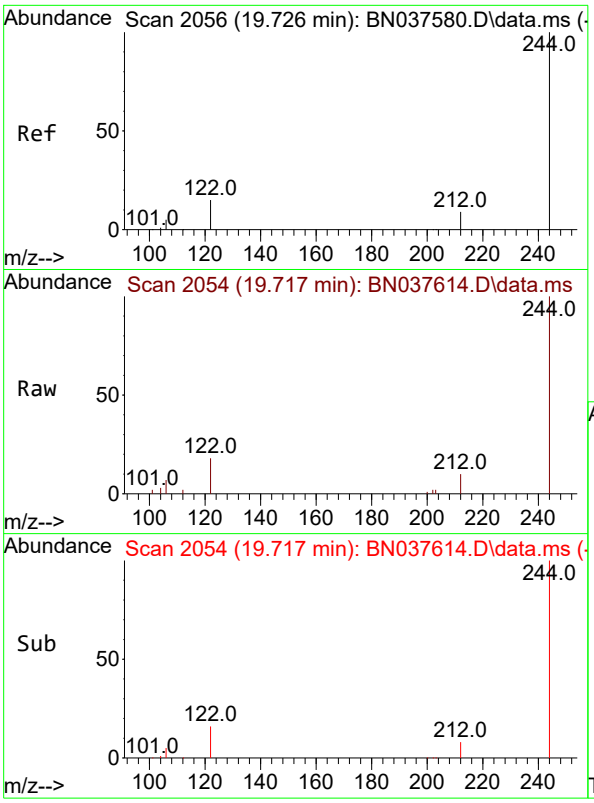


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. -0.009 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Tgt Ion:240 Resp: 5314

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.9	13.3
236	27.5	22.6	33.8



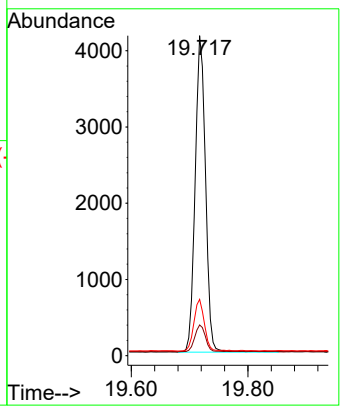


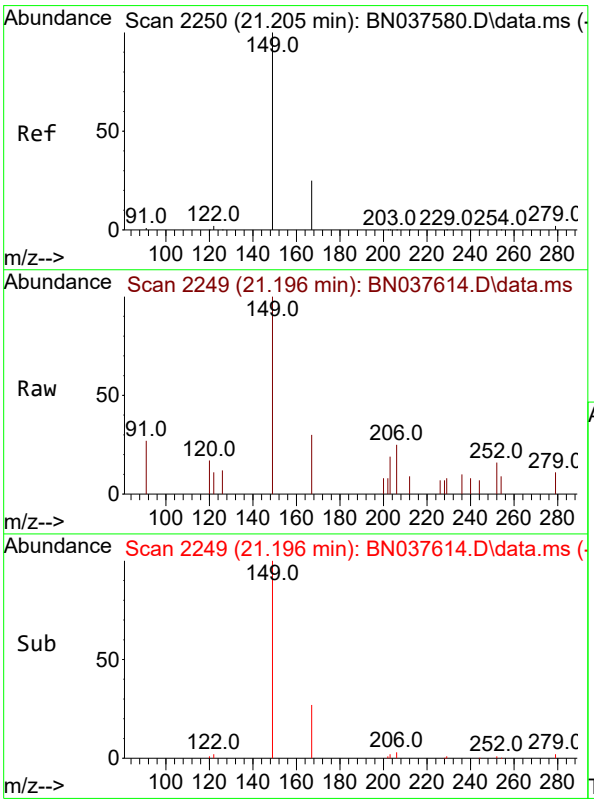
#31
Terphenyl-d14
Concen: 0.469 ng
RT: 19.717 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

Tgt Ion:244 Resp: 5126

Ion	Ratio	Lower	Upper
244	100		
212	9.6	8.2	12.2
122	17.6	13.2	19.8

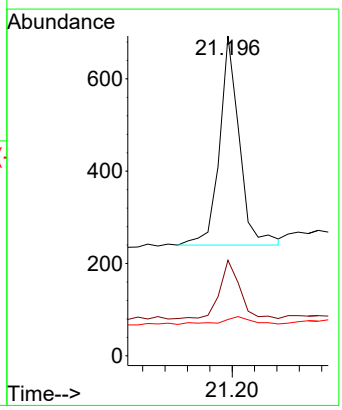


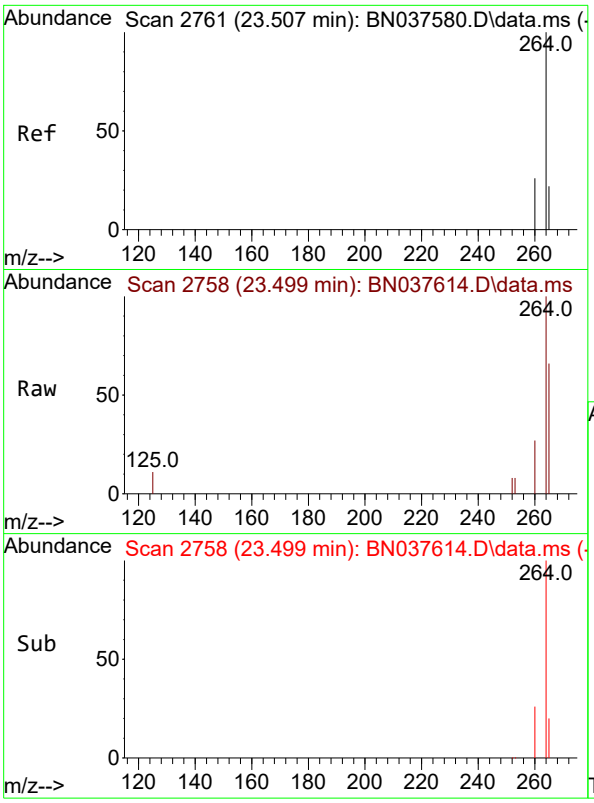


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.076 ng
RT: 21.196 min Scan# 2249
Delta R.T. -0.009 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Tgt Ion:149 Resp: 557

Ion	Ratio	Lower	Upper
149	100		
167	27.6	20.5	30.7
279	5.9	2.6	4.0#





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.499 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037614.D
Acq: 19 Aug 2025 19:07

Instrument :
BNA_N
ClientSampleId :
MW-18B-57.5-081325

Tgt Ion:264 Resp: 4798

Ion	Ratio	Lower	Upper
264	100		
260	27.2	21.6	32.4
265	65.5	48.2	72.4