Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038363.D
Acq On : 12 Dec 2025 23:24
Operator : RC/JU
Sample : Q3839-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AM5

Quant Time: Dec 13 02:11:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.717	152	5498	0.400	ng	0.00
7) Naphthalene-d8	10.520	136	14428	0.400	ng	#-0.01
13) Acenaphthene-d10	14.388	164	6975	0.400	ng	-0.01
19) Phenanthrene-d10	17.136	188	11977	0.400	ng	#-0.01
29) Chrysene-d12	21.340	240	9318	0.400	ng	# 0.00
35) Perylene-d12	23.622	264	10007	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	4936	0.360	ng	0.00
5) Phenol-d6	6.887	99	5834	0.358	ng	0.00
8) Nitrobenzene-d5	8.875	82	4626	0.380	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	6380	0.313	ng	0.00
14) 2,4,6-Tribromophenol	15.882	330	985	0.318	ng	-0.01
15) 2-Fluorobiphenyl	13.008	172	12983	0.386	ng	0.00
27) Fluoranthene-d10	19.178	212	7738	0.261	ng	0.00
31) Terphenyl-d14	19.782	244	5695	0.274	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	10.573	128	4751	0.111	ng	95
12) 2-Methylnaphthalene	12.197	142	3824	0.141	ng	98
25) Phenanthrene	17.186	178	12425	0.298	ng	99
26) Anthracene	17.186	178	12379	0.344	ng	98
28) Fluoranthene	19.211	202	17538	0.396	ng	98
30) Pyrene	19.573	202	10907	0.238	ng	98
32) Benzo(a)anthracene	21.366	228	14144	0.393	ng	94
33) Chrysene	21.366	228	14132	0.357	ng	96
34) Bis(2-ethylhexyl)phtha...	21.259	149	3632	0.184	ng	99
36) Indeno(1,2,3-cd)pyrene	25.946	276	3031	0.057	ng	95
37) Benzo(b)fluoranthene	22.935	252	15371	0.334	ng	# 91
38) Benzo(k)fluoranthene	22.935	252	15371	0.335	ng	# 92
39) Benzo(a)pyrene	23.522	252	1708	0.045	ng	# 15
40) Dibenzo(a,h)anthracene	25.952	278	1285	0.031	ng	# 18
41) Benzo(g,h,i)perylene	26.653	276	3276	0.072	ng	# 87

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121225\
Data File : BN038363.D
Acq On : 12 Dec 2025 23:24
Operator : RC/JU
Sample : Q3839-01
Misc :
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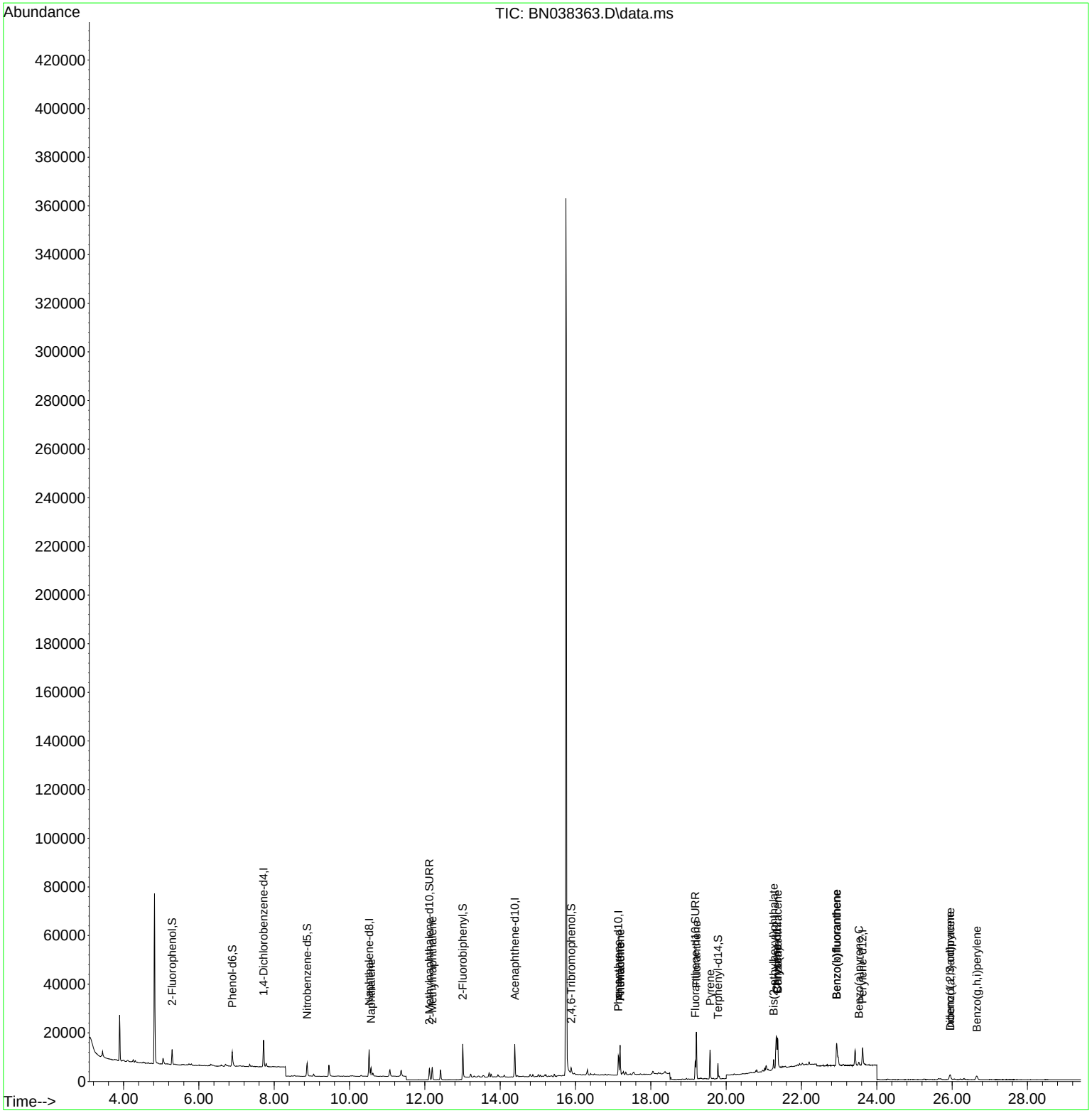
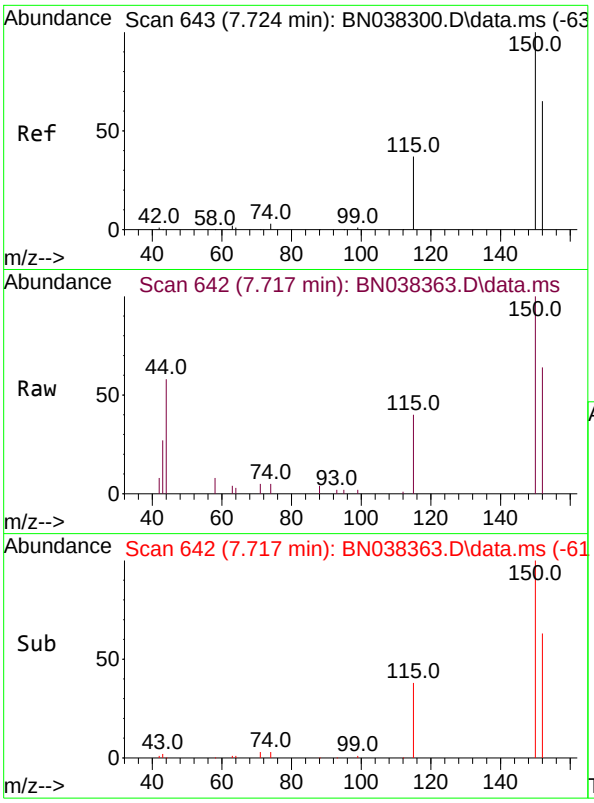
Quant Time: Dec 13 02:11:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN121025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 10 13:56:50 2025
Response via : Initial Calibration



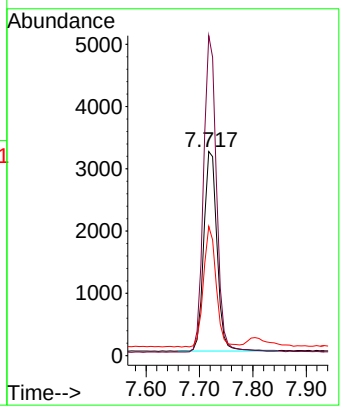


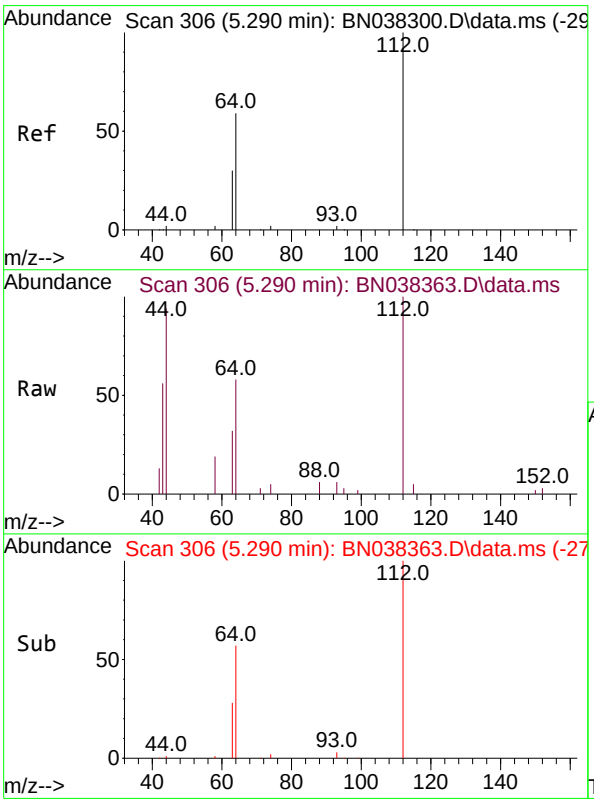
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Instrument :
BNA_N
ClientSampleId :
C0AM5

Tgt Ion:152 Resp: 5498

Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.4	183.6
115	63.3	47.3	70.9

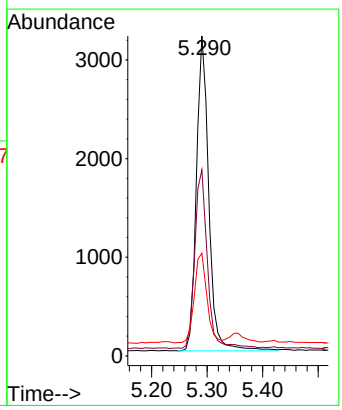


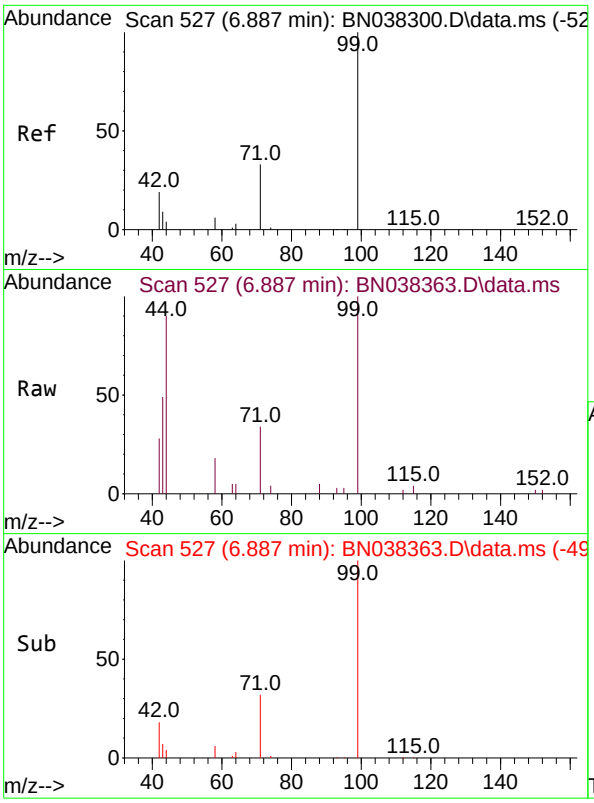


#4
2-Fluorophenol
Concen: 0.360 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.000 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Tgt Ion:112 Resp: 4936

Ion	Ratio	Lower	Upper
112	100		
64	58.3	44.4	66.6
63	28.8	23.4	35.0



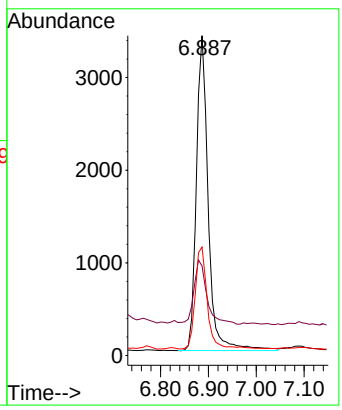


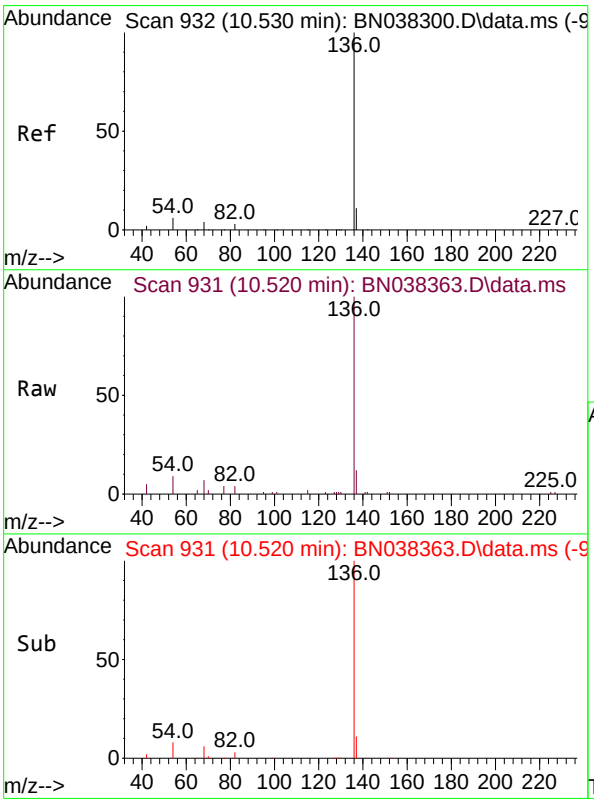
#5
Phenol-d6
Concen: 0.358 ng
RT: 6.887 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Instrument :
BNA_N
ClientSampleId :
C0AM5

Tgt Ion: 99 Resp: 5834

Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.5	24.7
71	33.1	24.9	37.3

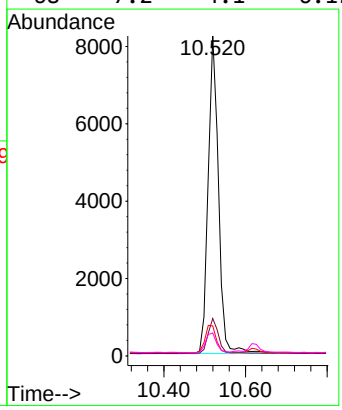


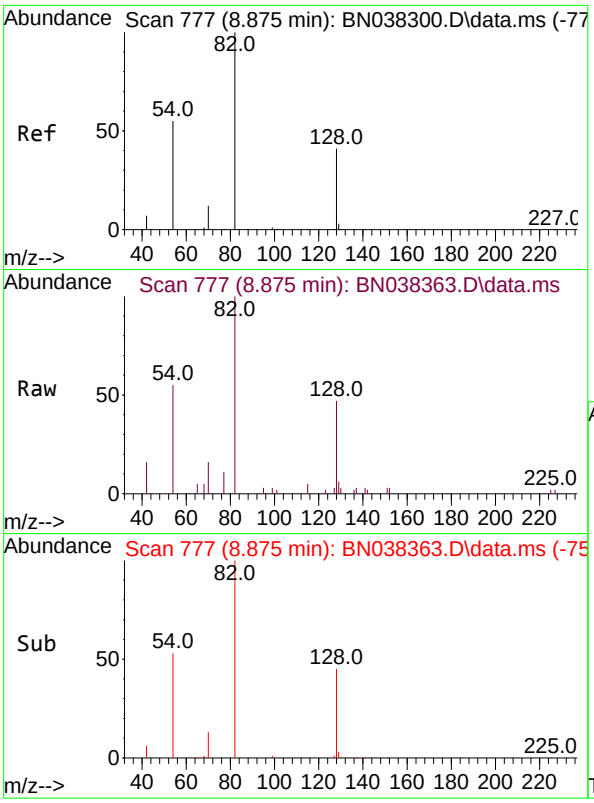


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.520 min Scan# 931
Delta R.T. -0.011 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Tgt Ion:136 Resp: 14428

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	9.4	5.2	7.8#
68	7.2	4.1	6.1#



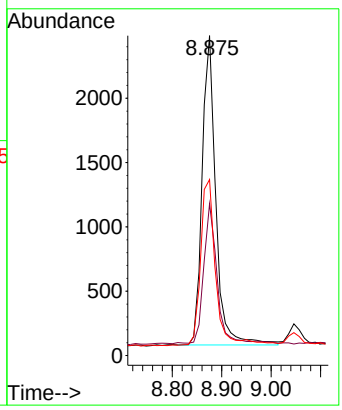


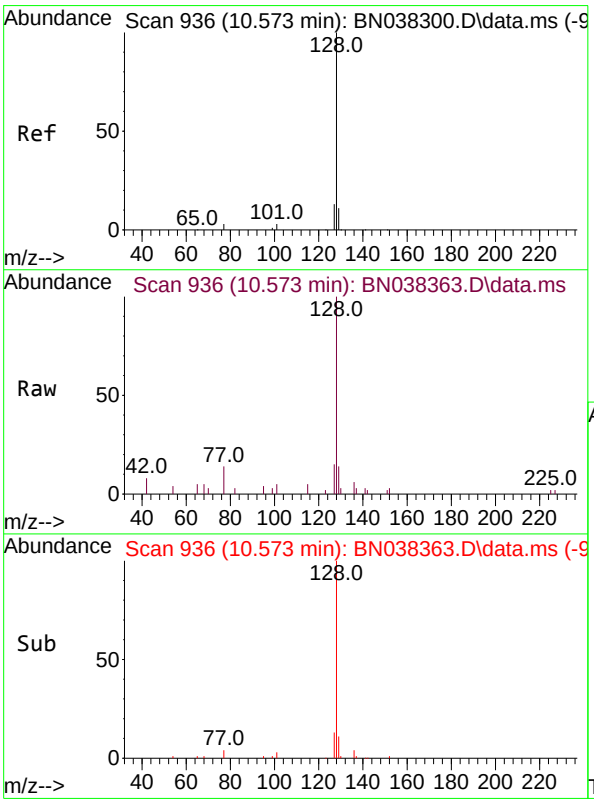
#8
Nitrobenzene-d5
Concen: 0.380 ng
RT: 8.875 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Instrument :
BNA_N
ClientSampleId :
C0AM5

Tgt Ion: 82 Resp: 4626

Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.0	51.0
54	55.0	44.4	66.6

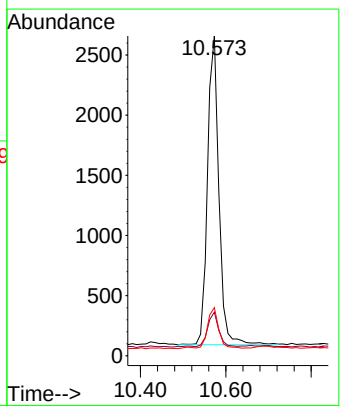


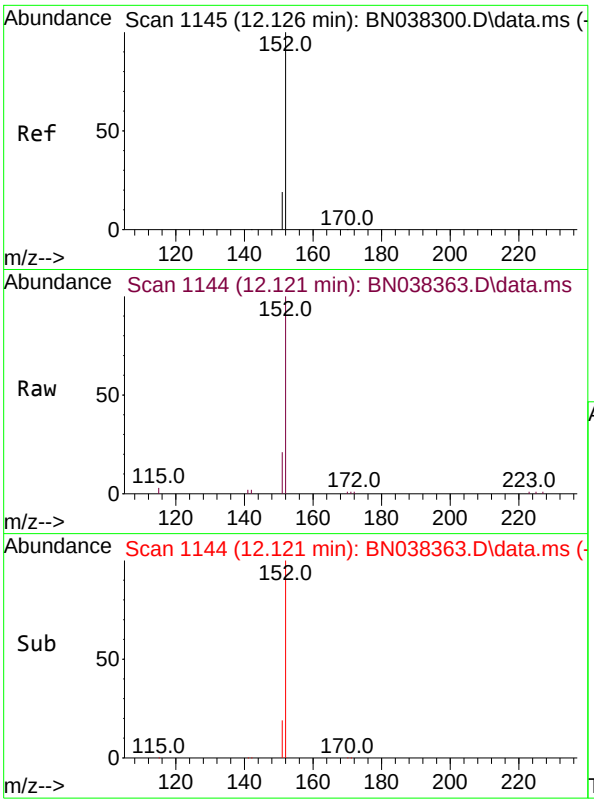


#9
Naphthalene
Concen: 0.111 ng
RT: 10.573 min Scan# 936
Delta R.T. 0.000 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Tgt Ion:128 Resp: 4751

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.1	13.7
127	15.1	10.9	16.3



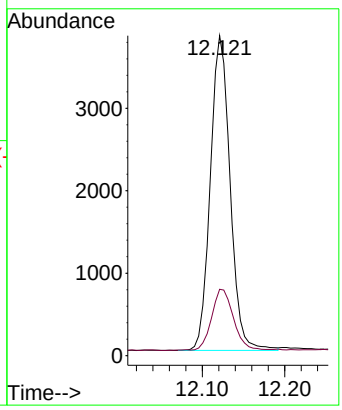


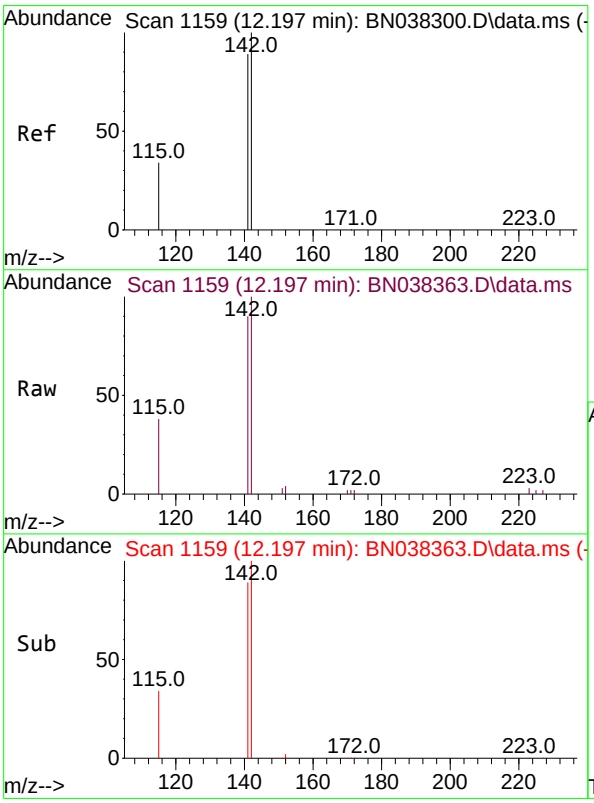
#11
2-Methylnaphthalene-d10
Concen: 0.313 ng
RT: 12.121 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Instrument :
BNA_N
ClientSampleId :
C0AM5

Tgt Ion:152 Resp: 6380

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.0	25.6

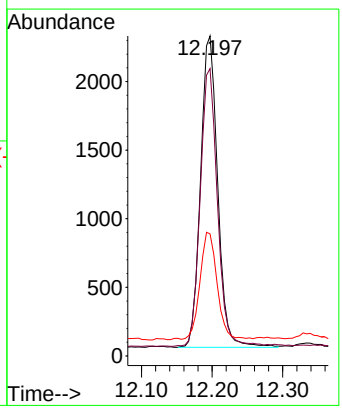


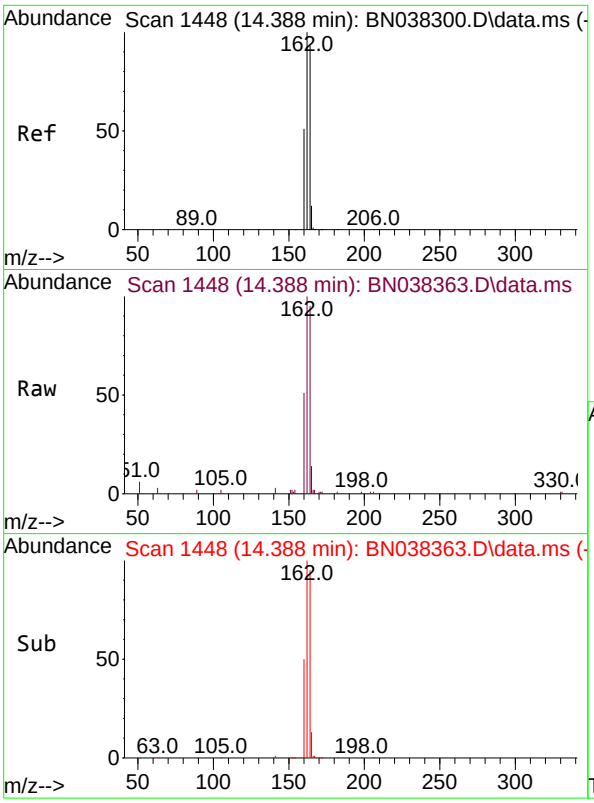


#12
2-Methylnaphthalene
Concen: 0.141 ng
RT: 12.197 min Scan# 1159
Delta R.T. -0.005 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Tgt Ion:142 Resp: 3824

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.4	107.2
115	38.1	28.4	42.6



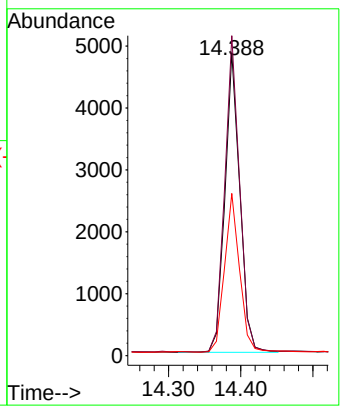


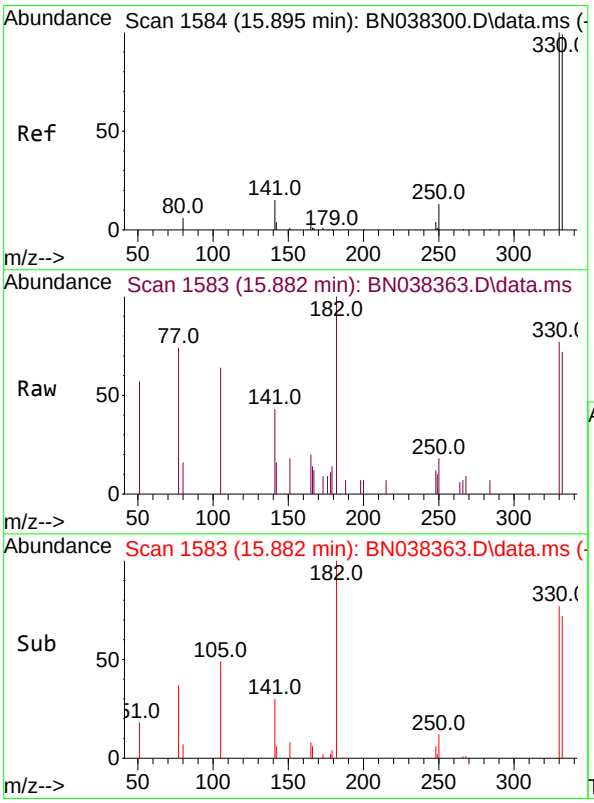
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.388 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Instrument :
BNA_N
ClientSampleId :
C0AM5

Tgt Ion:164 Resp: 6975

Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.2	129.4
160	53.5	44.6	67.0

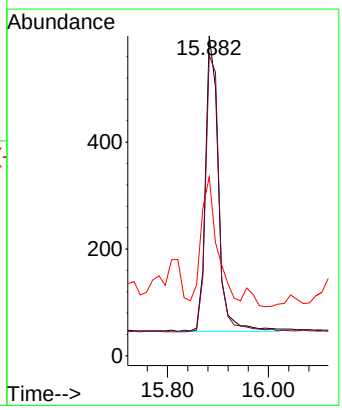


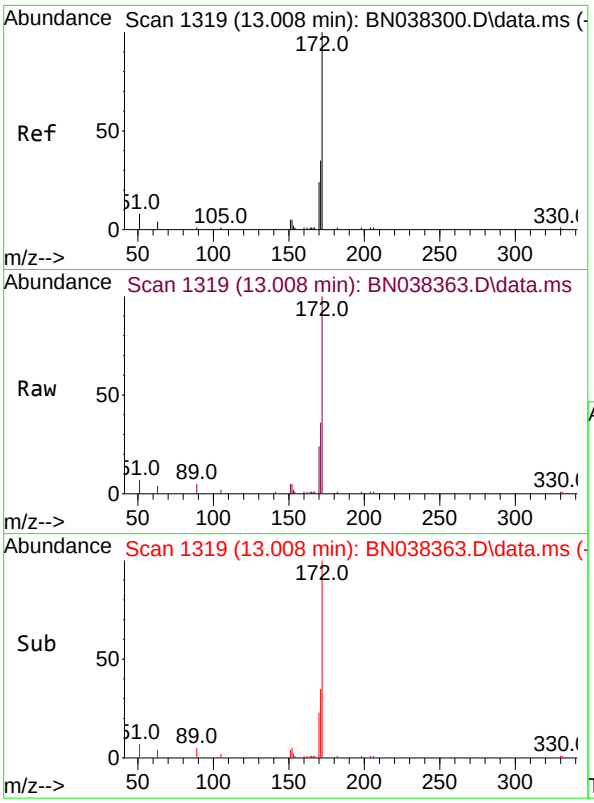


#14
2,4,6-Tribromophenol
Concen: 0.318 ng
RT: 15.882 min Scan# 1583
Delta R.T. -0.012 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Tgt Ion:330 Resp: 985

Ion	Ratio	Lower	Upper
330	100		
332	97.6	75.8	113.6
141	52.9	31.8	47.8#



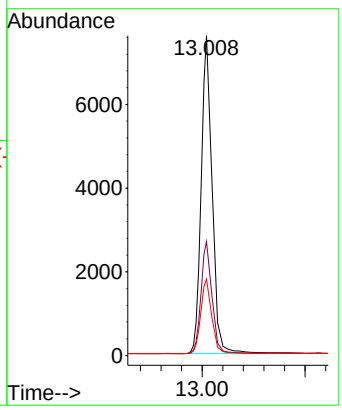


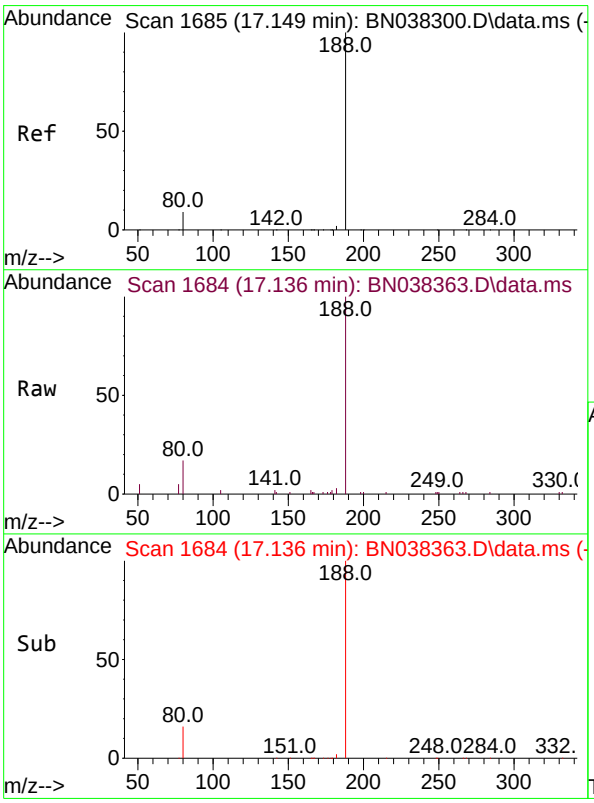
#15
2-Fluorobiphenyl
Concen: 0.386 ng
RT: 13.008 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Instrument :
BNA_N
ClientSampleId :
C0AM5

Tgt Ion:172 Resp: 12983

Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	42.8
170	23.9	19.3	28.9

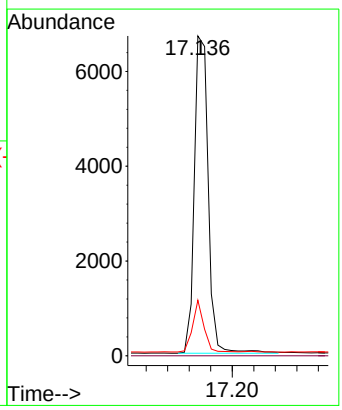


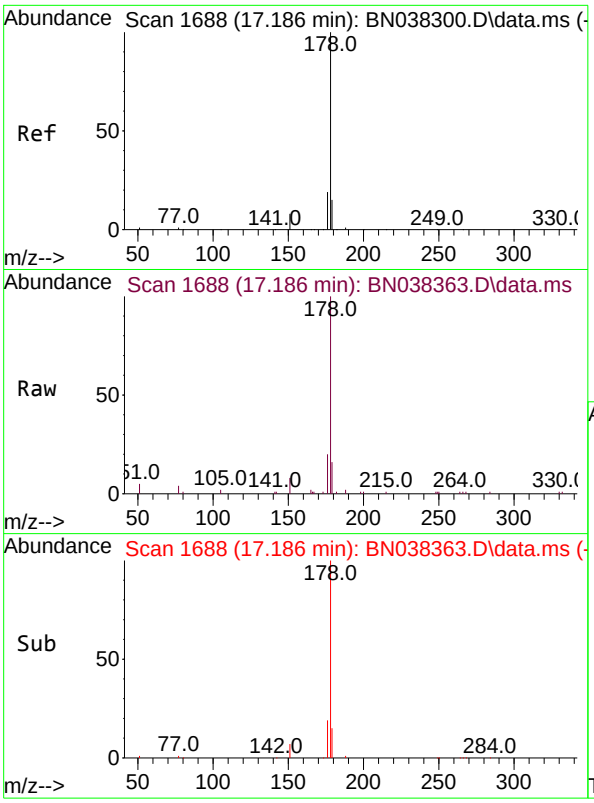


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.136 min Scan# 1684
Delta R.T. -0.012 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Tgt Ion:188 Resp: 11977

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	17.4	7.4	11.0#



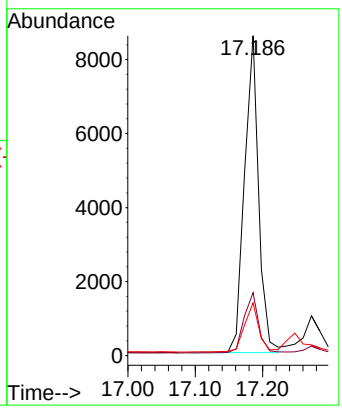


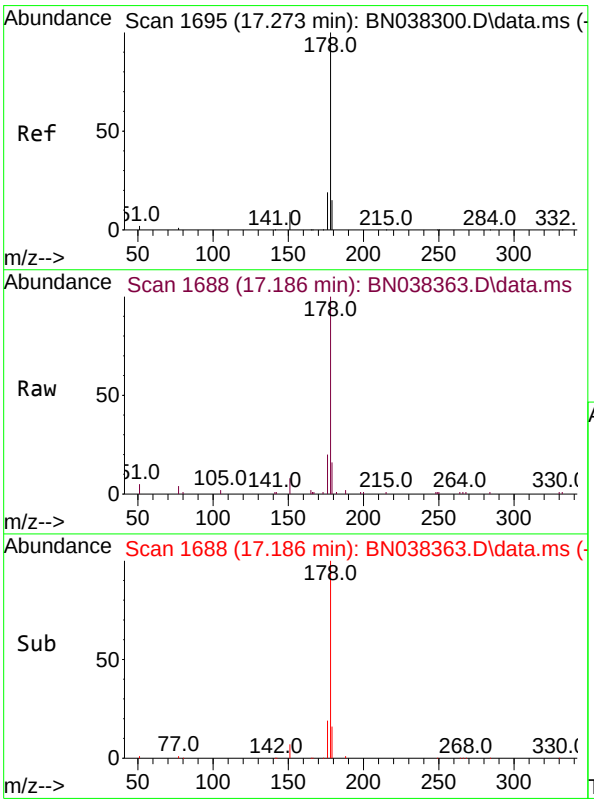
#25
Phenanthrene
Concen: 0.298 ng
RT: 17.186 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Instrument :
BNA_N
ClientSampleId :
C0AM5

Tgt Ion:178 Resp: 12425

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.5	23.3
179	15.8	12.2	18.2

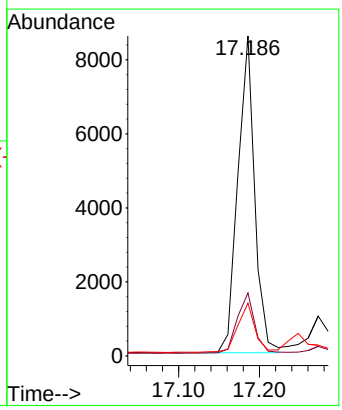


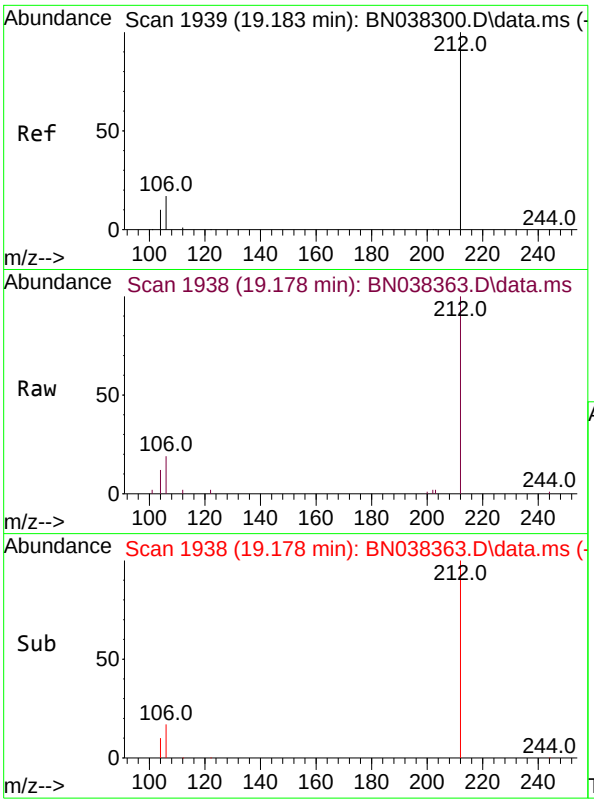


#26
Anthracene
Concen: 0.344 ng
RT: 17.186 min Scan# 1688
Delta R.T. -0.099 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Tgt Ion:178 Resp: 12379

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.1	22.7
179	15.5	12.0	18.0



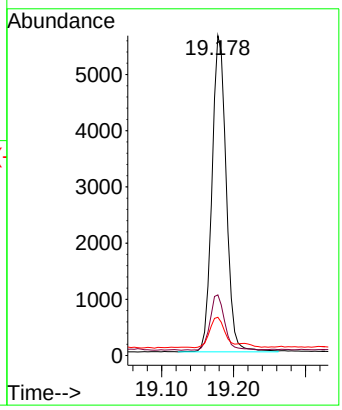


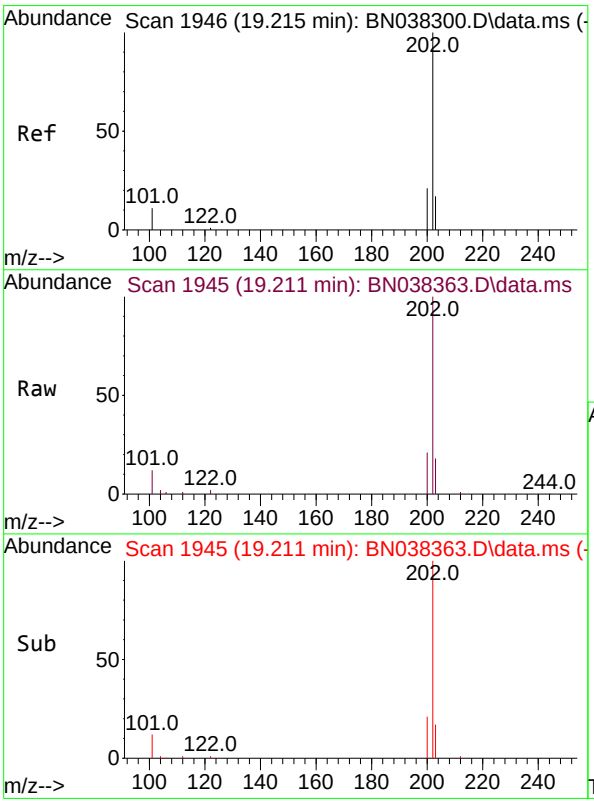
#27
Fluoranthene-d10
Concen: 0.261 ng
RT: 19.178 min Scan# 19
Delta R.T. -0.009 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Instrument :
BNA_N
ClientSampleId :
C0AM5

Tgt Ion:212 Resp: 7738

Ion	Ratio	Lower	Upper
212	100		
106	17.7	13.7	20.5
104	10.4	7.8	11.8

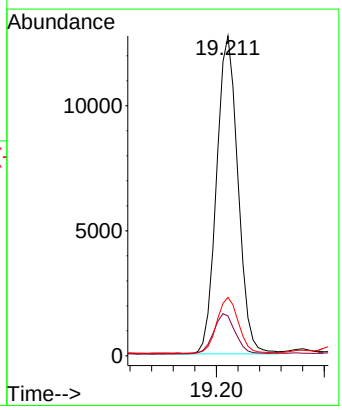


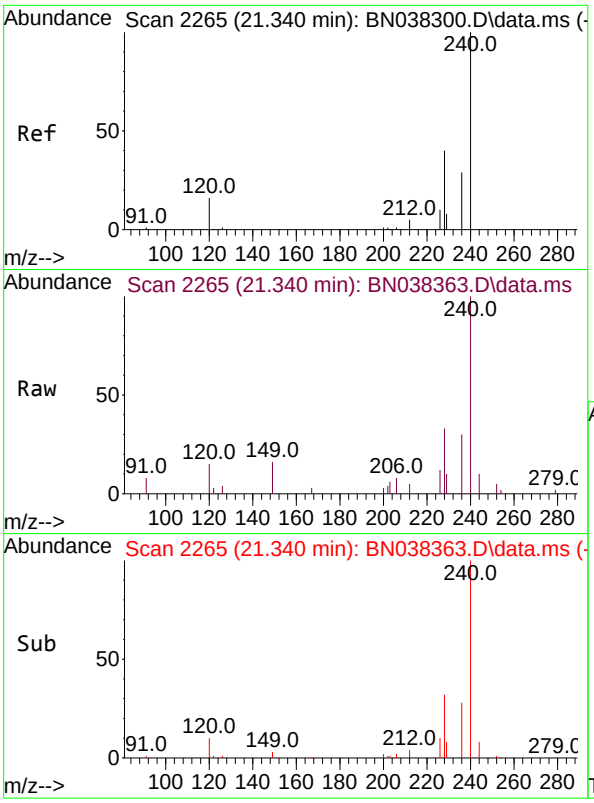


#28
Fluoranthene
Concen: 0.396 ng
RT: 19.211 min Scan# 1945
Delta R.T. -0.009 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Tgt Ion:202 Resp: 17538

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.6	14.4
203	17.7	13.5	20.3



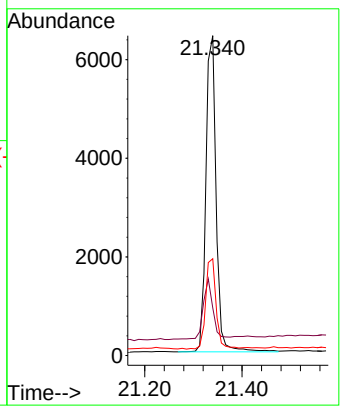


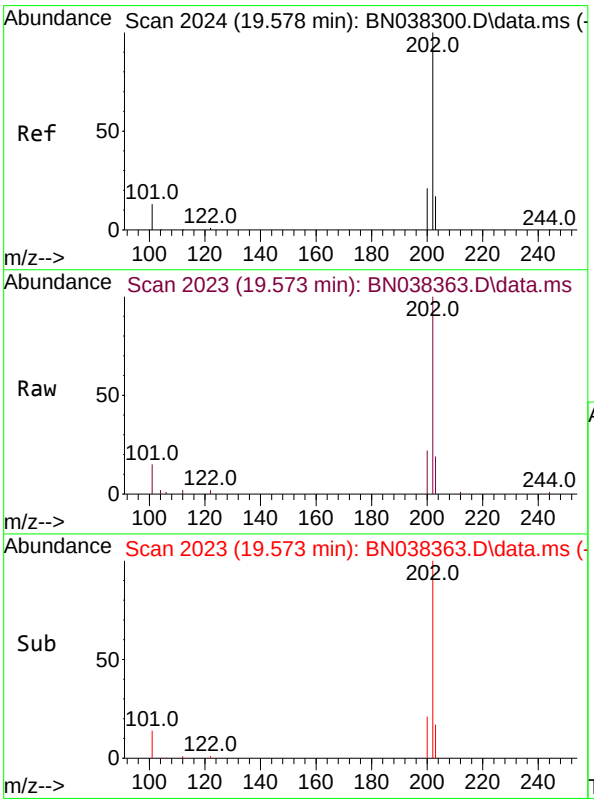
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.340 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Instrument :
BNA_N
ClientSampleId :
C0AM5

Tgt Ion:240 Resp: 9318

Ion	Ratio	Lower	Upper
240	100		
120	14.9	15.4	23.2#
236	30.3	23.9	35.9

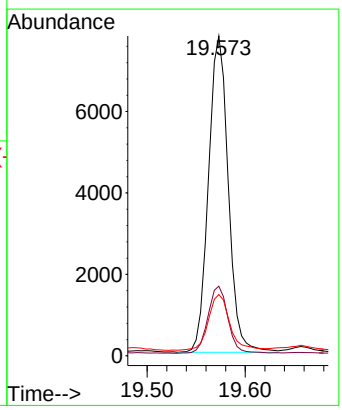


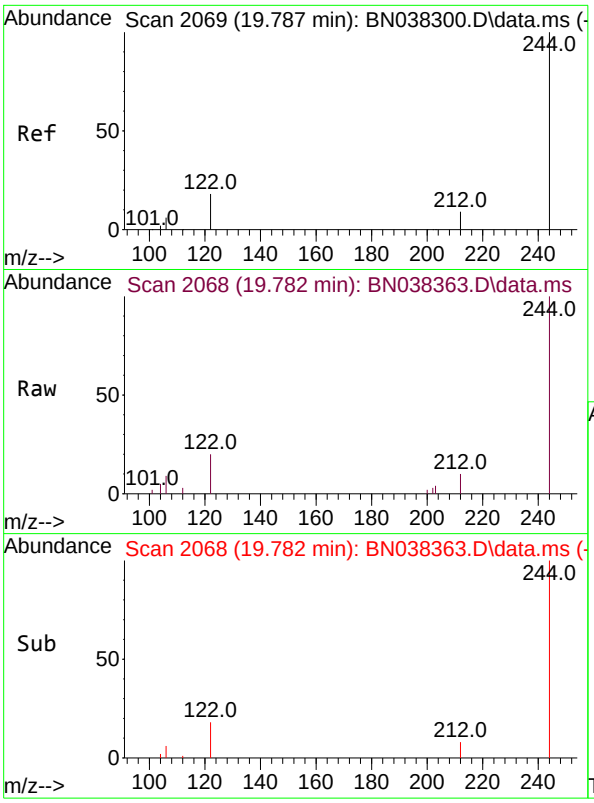


#30
Pyrene
Concen: 0.238 ng
RT: 19.573 min Scan# 2023
Delta R.T. -0.009 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Tgt Ion:202 Resp: 10907

Ion	Ratio	Lower	Upper
202	100		
200	21.3	16.9	25.3
203	19.0	14.2	21.2



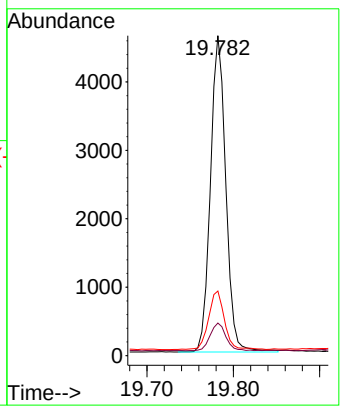


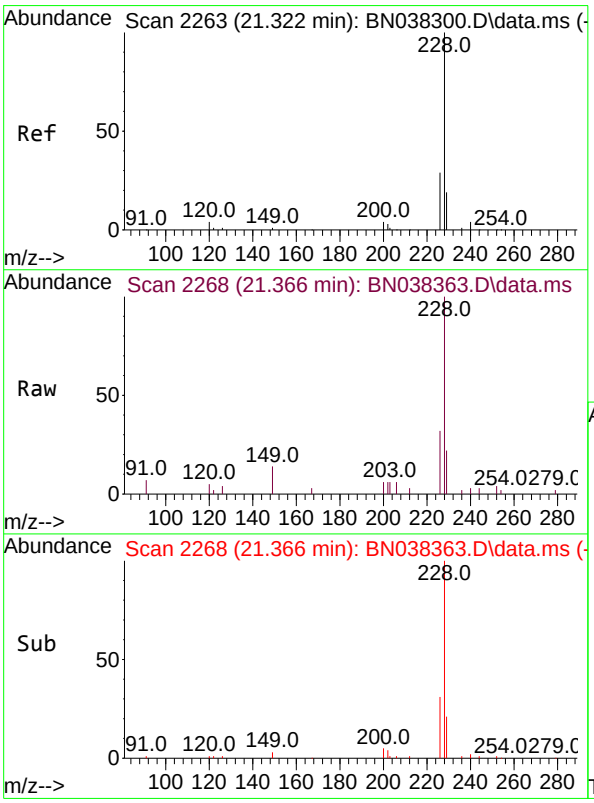
#31
Terphenyl-d14
Concen: 0.274 ng
RT: 19.782 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Instrument :
BNA_N
ClientSampleId :
C0AM5

Tgt Ion:244 Resp: 5695

Ion	Ratio	Lower	Upper
244	100		
212	10.2	7.9	11.9
122	20.2	15.0	22.6

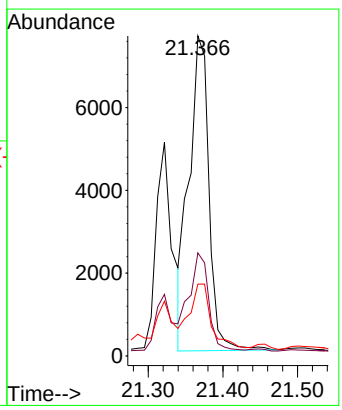


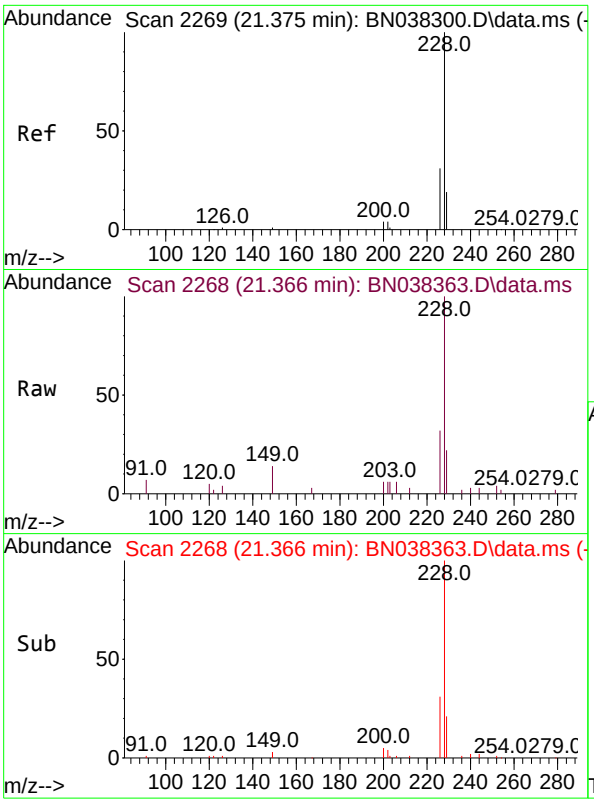


#32
Benzo(a)anthracene
Concen: 0.393 ng
RT: 21.366 min Scan# 2268
Delta R.T. 0.036 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Tgt Ion:228 Resp: 14144

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.3	34.9
229	22.4	15.7	23.5



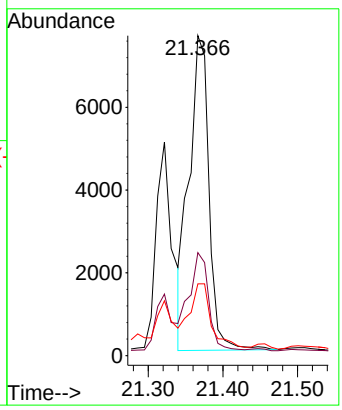


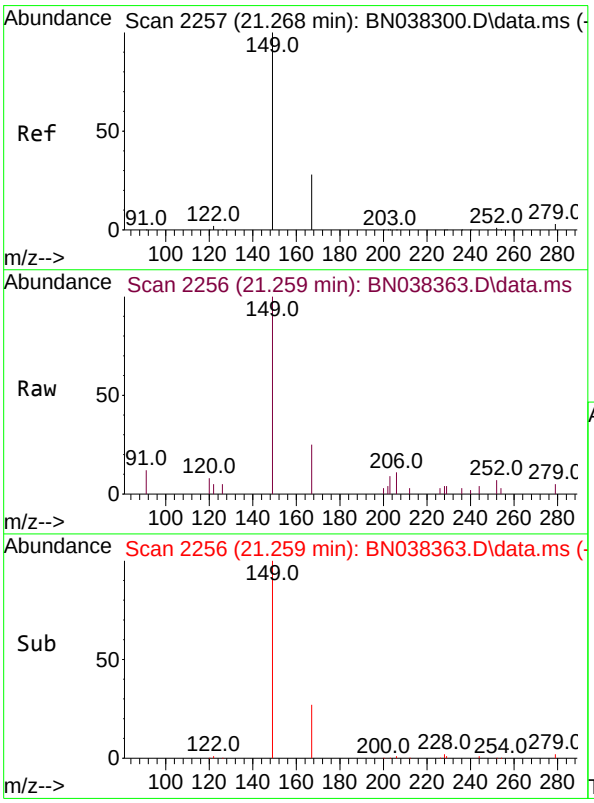
#33
Chrysene
Concen: 0.357 ng
RT: 21.366 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Instrument :
BNA_N
ClientSampleId :
C0AM5

Tgt Ion:228 Resp: 14132

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.4
229	22.4	15.5	23.3

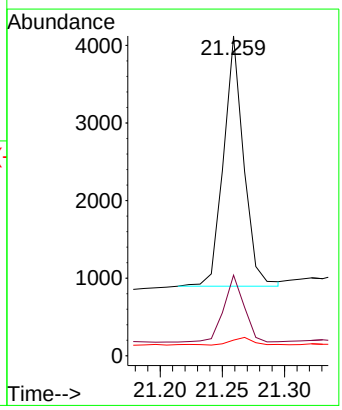


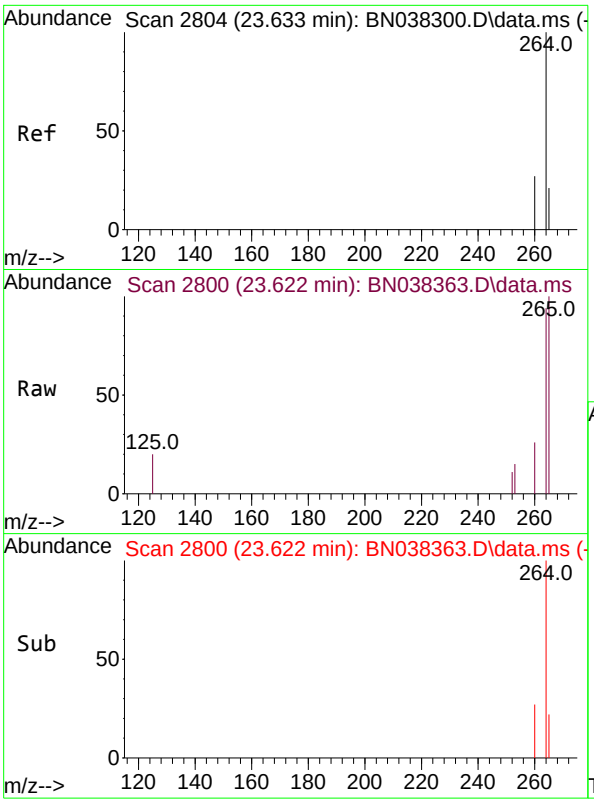


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.184 ng
RT: 21.259 min Scan# 2256
Delta R.T. -0.009 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Tgt Ion:149 Resp: 3632

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.4	32.0
279	3.4	2.4	3.6



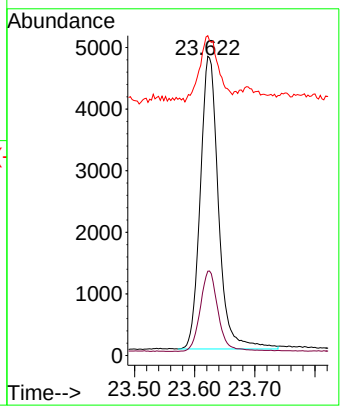


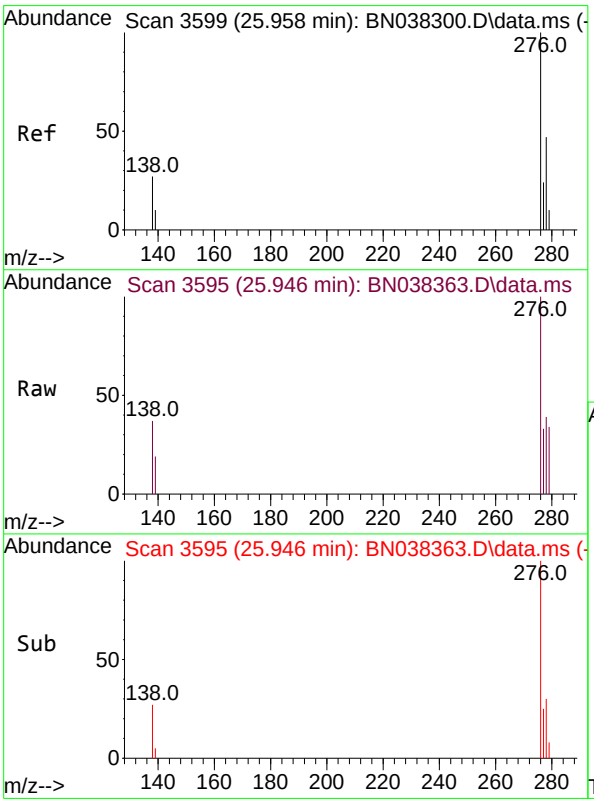
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.622 min Scan# 28
Delta R.T. -0.012 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Instrument :
BNA_N
ClientSampleId :
C0AM5

Tgt Ion:264 Resp: 10007

Ion	Ratio	Lower	Upper
264	100		
260	28.2	22.2	33.2
265	106.9	80.2	120.2

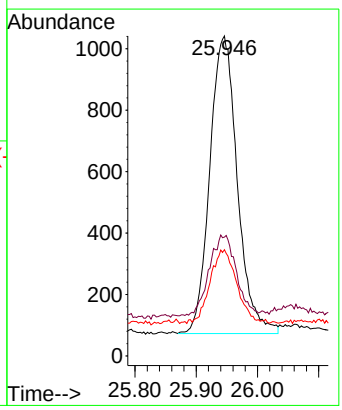


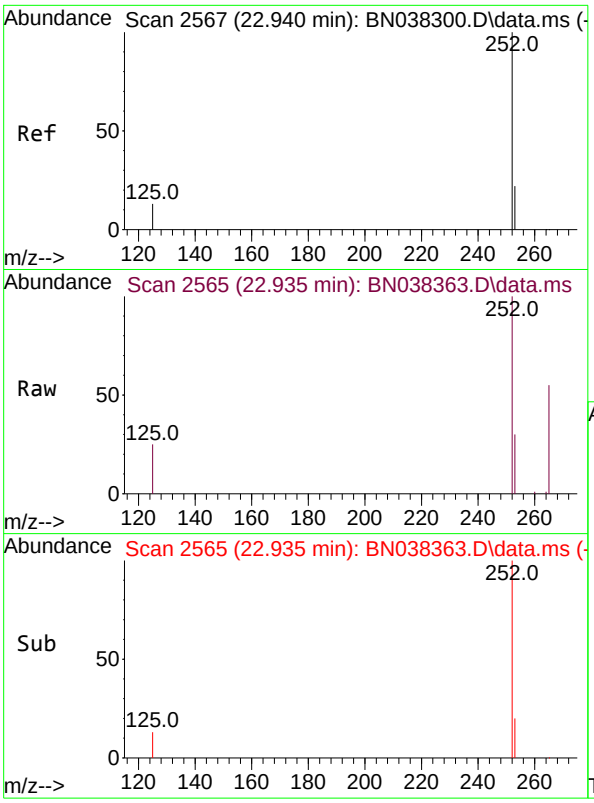


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.057 ng
RT: 25.946 min Scan# 3595
Delta R.T. -0.018 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Tgt Ion:276 Resp: 3031

Ion	Ratio	Lower	Upper
276	100		
138	26.0	23.6	35.4
277	22.8	19.7	29.5



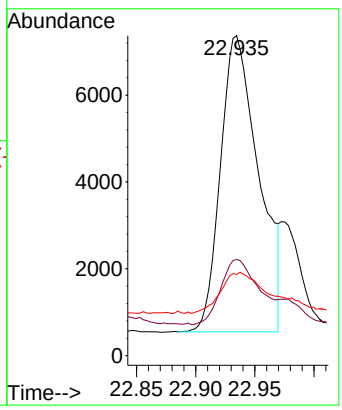


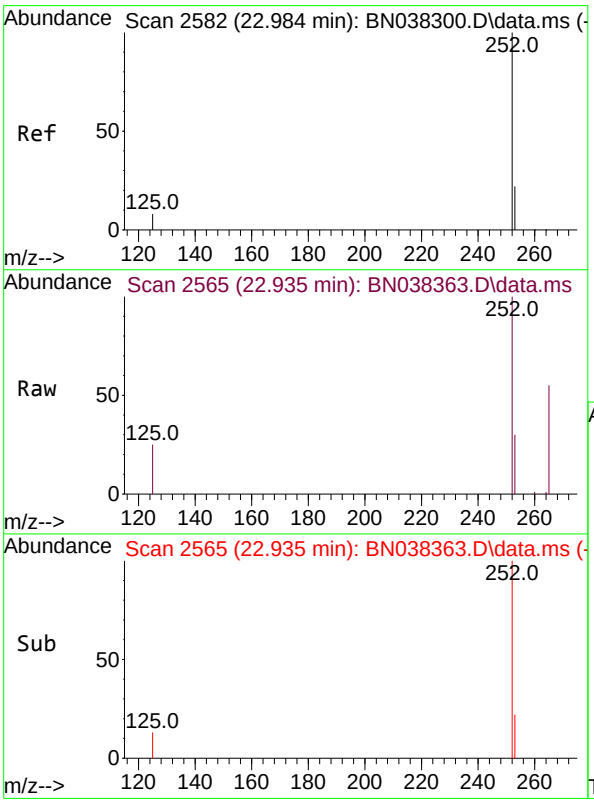
#37
Benzo(b)fluoranthene
Concen: 0.334 ng
RT: 22.935 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Instrument :
BNA_N
ClientSampleId :
C0AM5

Tgt Ion:252 Resp: 15371

Ion	Ratio	Lower	Upper
252	100		
253	30.0	21.1	31.7
125	25.4	16.4	24.6#

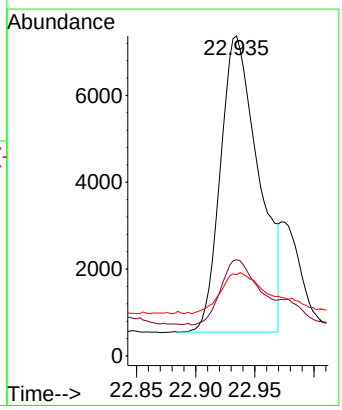


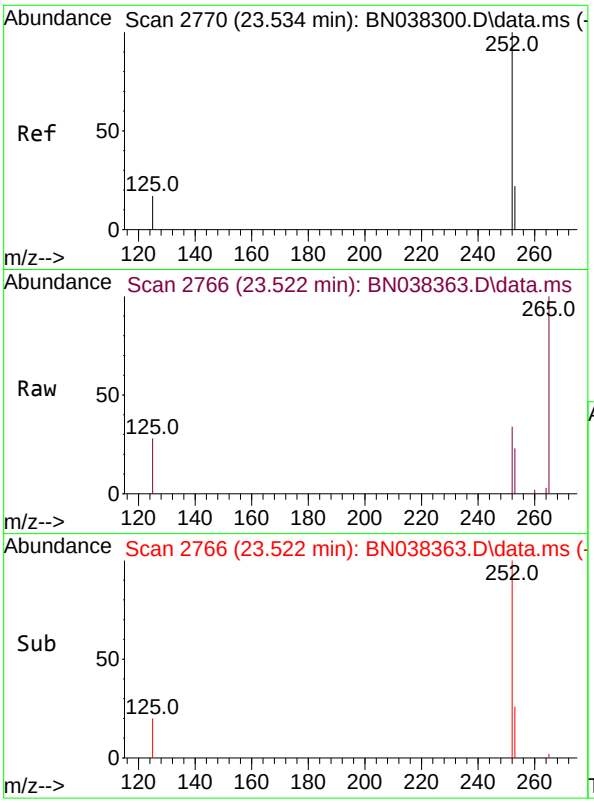


#38
Benzo(k)fluoranthene
Concen: 0.335 ng
RT: 22.935 min Scan# 2565
Delta R.T. -0.055 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Tgt Ion:252 Resp: 15371

Ion	Ratio	Lower	Upper
252	100		
253	30.0	21.4	32.0
125	25.4	16.2	24.2#



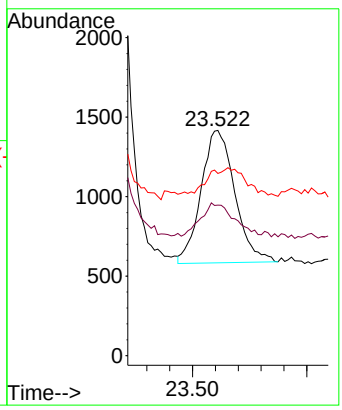


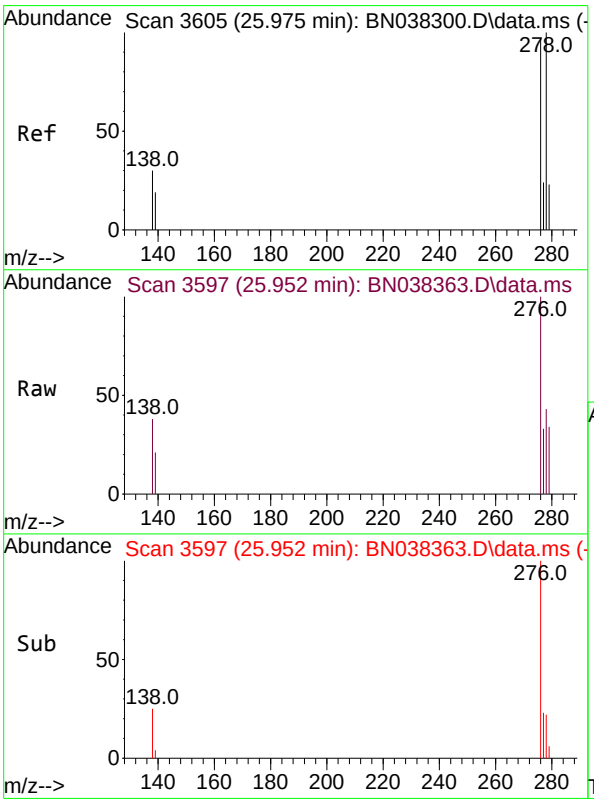
#39
Benzo(a)pyrene
Concen: 0.045 ng
RT: 23.522 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Instrument :
BNA_N
ClientSampleId :
C0AM5

Tgt Ion:252 Resp: 1708

Ion	Ratio	Lower	Upper
252	100		
253	66.8	23.3	34.9#
125	80.9	22.4	33.6#

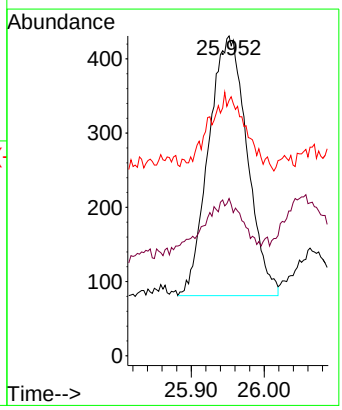


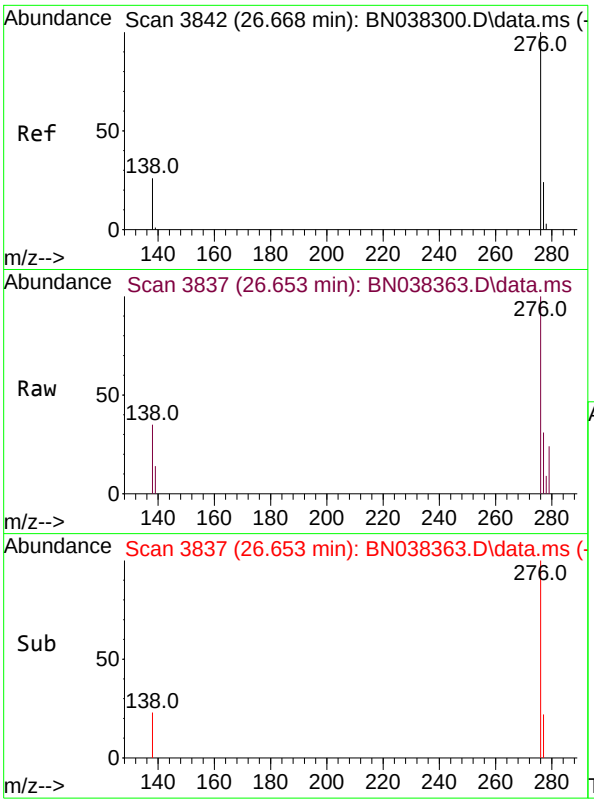


#40
Dibenzo(a,h)anthracene
Concen: 0.031 ng
RT: 25.952 min Scan# 3597
Delta R.T. -0.029 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Tgt Ion:278 Resp: 1285

Ion	Ratio	Lower	Upper
278	100		
139	49.2	17.8	26.8#
279	79.8	21.3	31.9#





#41
Benzo(g,h,i)perylene
Concen: 0.072 ng
RT: 26.653 min Scan# 3
Delta R.T. -0.023 min
Lab File: BN038363.D
Acq: 12 Dec 2025 23:24

Instrument :
BNA_N
ClientSampleId :
C0AM5

Tgt Ion:276 Resp: 3276

Ion	Ratio	Lower	Upper
276	100		
277	30.8	20.0	30.0#
138	35.0	21.8	32.6#