Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
Data File : BN036829.D
Acq On : 03 Apr 2025 19:02
Operator : RC/JU
Sample : PB167450BL
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167450BL

Quant Time: Apr 04 00:56:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1836	0.400	ng	-0.03
7) Naphthalene-d8	10.498	136	3906	0.400	ng	-0.01
13) Acenaphthene-d10	14.345	164	2194	0.400	ng	-0.02
19) Phenanthrene-d10	17.099	188	4456	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	3841	0.400	ng	-0.02
35) Perylene-d12	23.522	264	3492	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1644	0.384	ng	-0.02
5) Phenol-d6	6.872	99	1668	0.316	ng	-0.03
8) Nitrobenzene-d5	8.865	82	1256	0.296	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	1811	0.312	ng	-0.02
14) 2,4,6-Tribromophenol	15.858	330	312	0.313	ng	0.00
15) 2-Fluorobiphenyl	12.983	172	3249	0.255	ng	0.00
27) Fluoranthene-d10	19.122	212	4552	0.399	ng	-0.02
31) Terphenyl-d14	19.722	244	3114	0.338	ng	-0.02
Target Compounds						Qvalue

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

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Quant Time: Apr 04 00:56:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
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QLast Update : Mon Mar 10 16:06:28 2025
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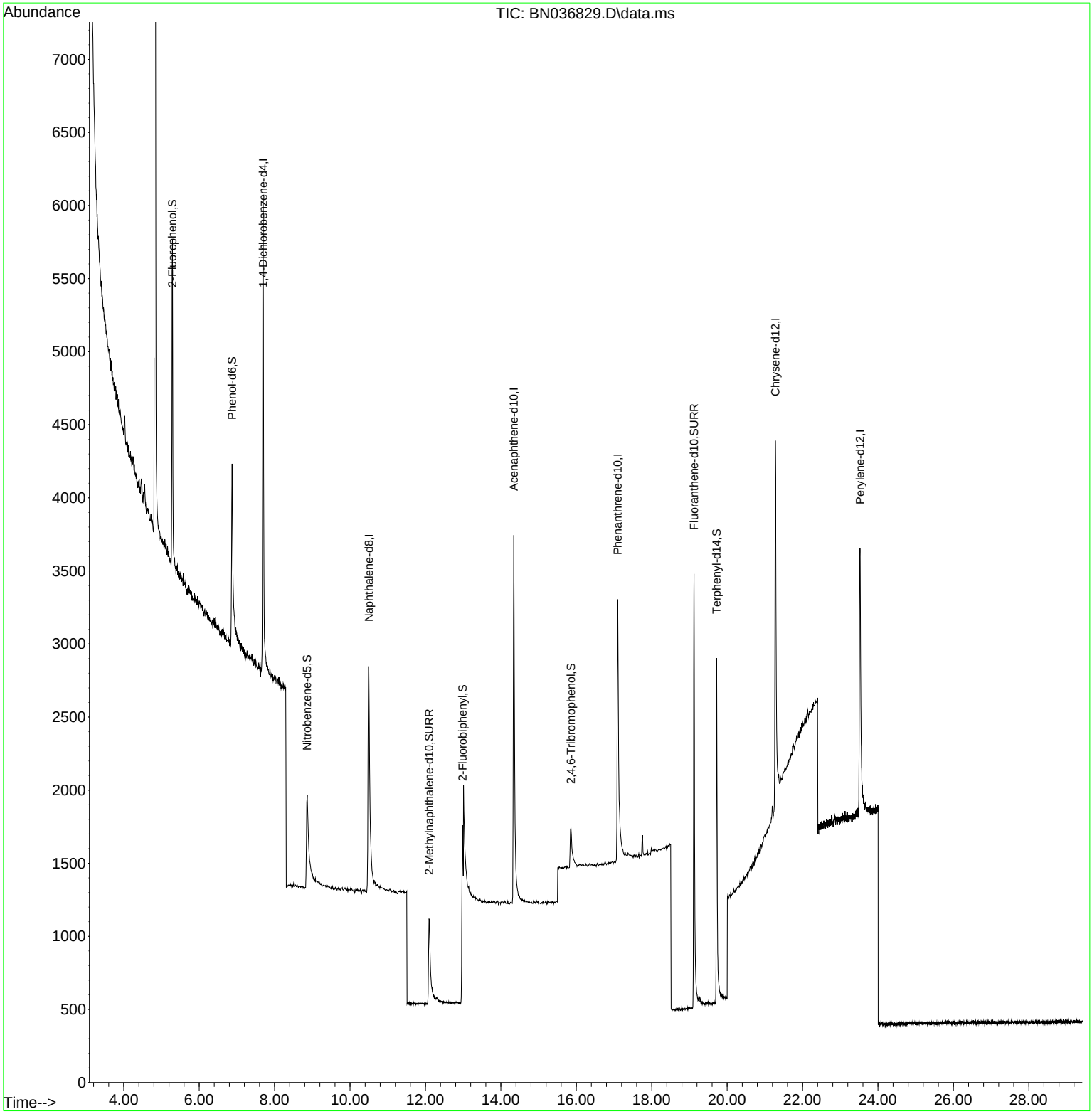
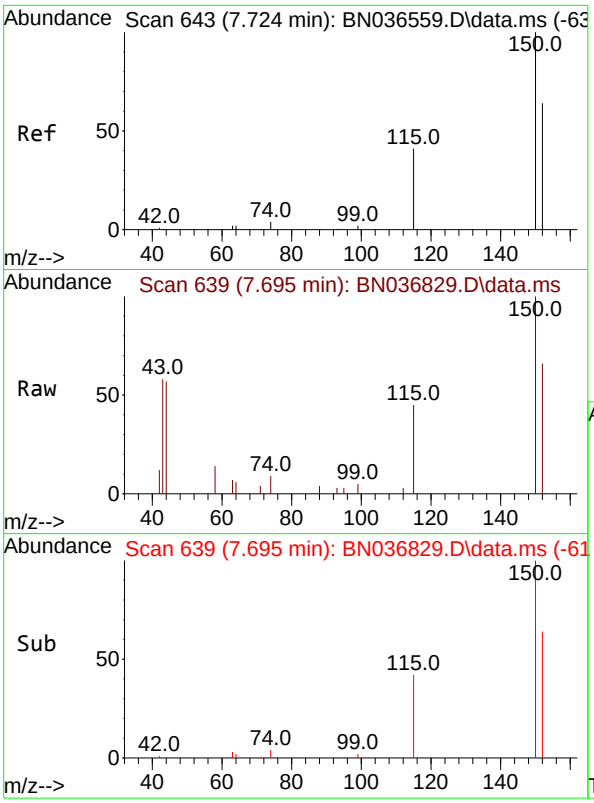


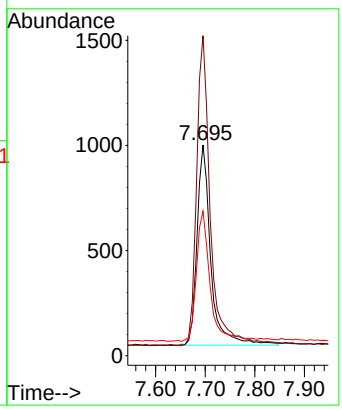


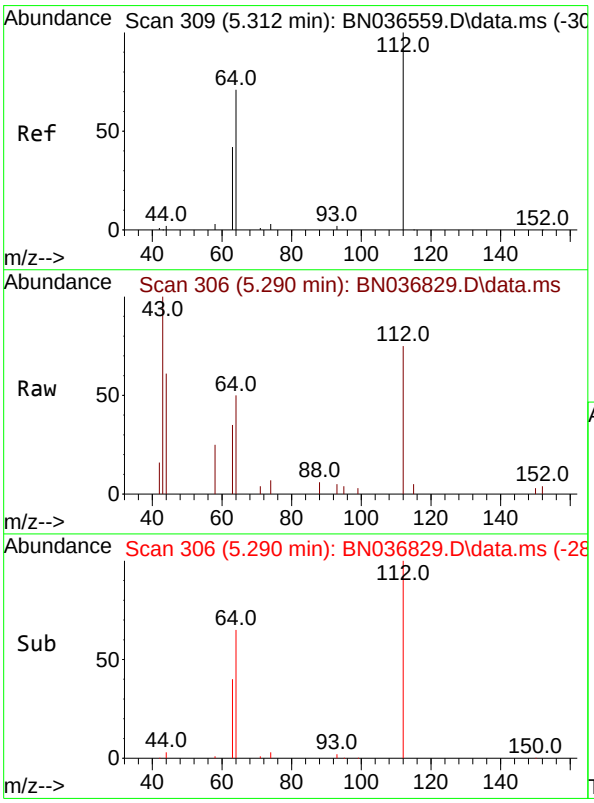
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.695 min Scan# 6
Delta R.T. -0.029 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Instrument :
BNA_N
ClientSampleId :
PB167450BL

Tgt Ion:152 Resp: 1836

Ion	Ratio	Lower	Upper
152	100		
150	151.9	123.7	185.5
115	68.6	54.3	81.5

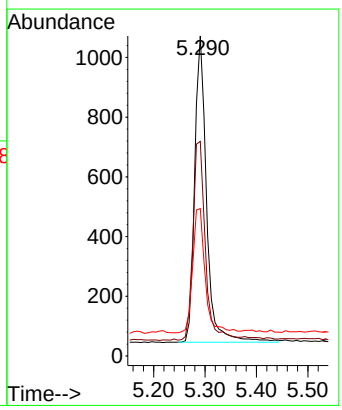


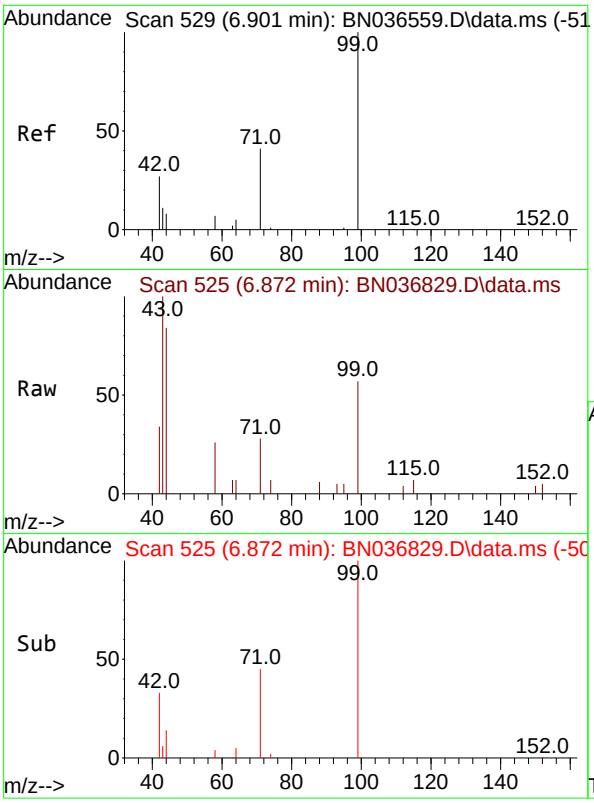


#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Tgt Ion:112 Resp: 1644

Ion	Ratio	Lower	Upper
112	100		
64	68.3	53.1	79.7
63	42.3	31.8	47.8



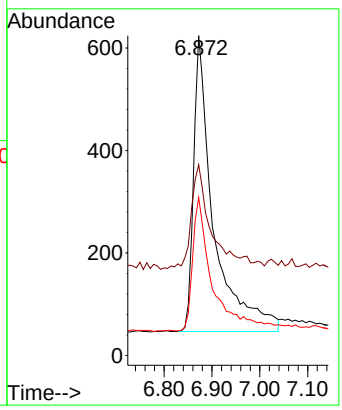


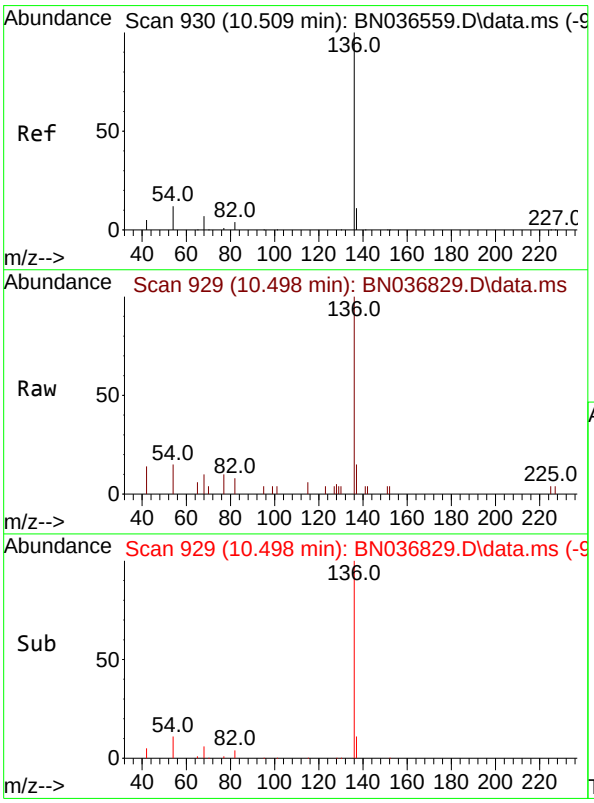
#5
Phenol-d6
Concen: 0.316 ng
RT: 6.872 min Scan# 5
Delta R.T. -0.029 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Instrument :
BNA_N
ClientSampleId :
PB167450BL

Tgt Ion: 99 Resp: 1668

Ion	Ratio	Lower	Upper
99	100		
42	36.1	26.5	39.7
71	45.6	34.1	51.1

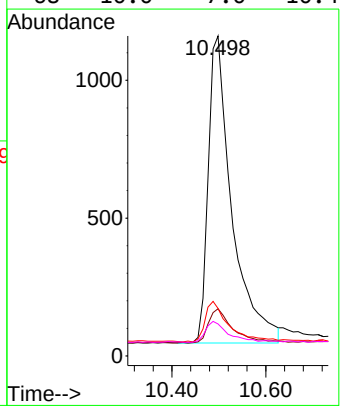


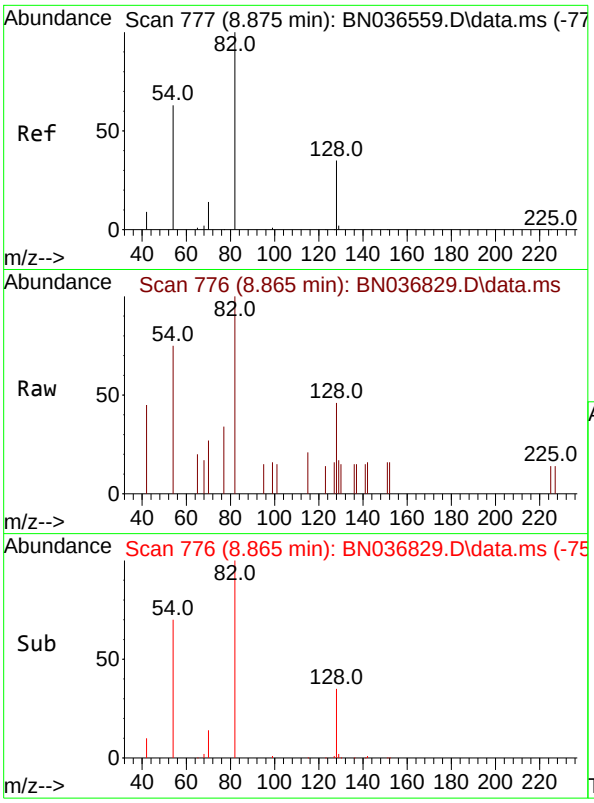


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.498 min Scan# 929
Delta R.T. -0.011 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Tgt Ion:136 Resp: 3906

Ion	Ratio	Lower	Upper
136	100		
137	14.7	10.3	15.5
54	14.8	11.5	17.3
68	10.0	7.0	10.4



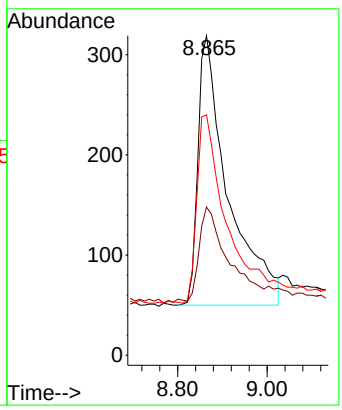


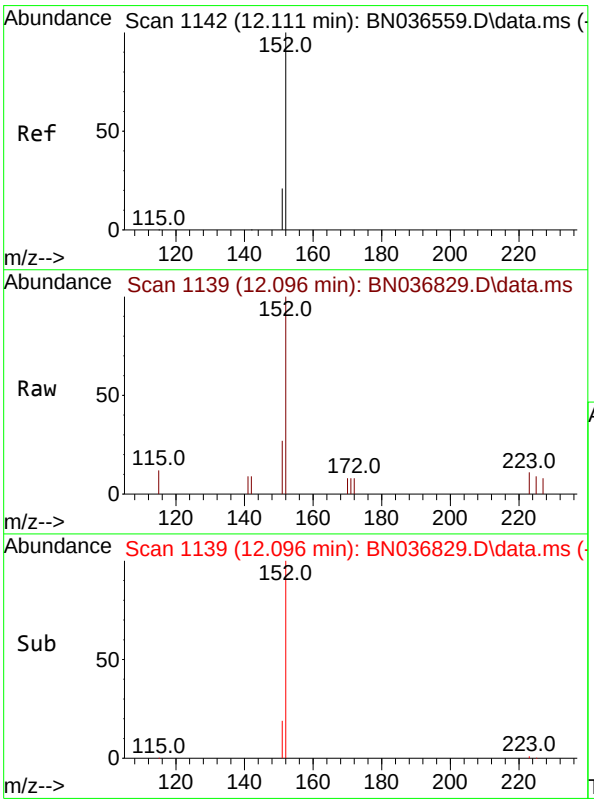
#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 8.865 min Scan# 7
Delta R.T. -0.011 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Instrument :
BNA_N
ClientSampleId :
PB167450BL

Tgt Ion: 82 Resp: 1256

Ion	Ratio	Lower	Upper
82	100		
128	46.4	30.6	45.8#
54	75.2	52.2	78.4

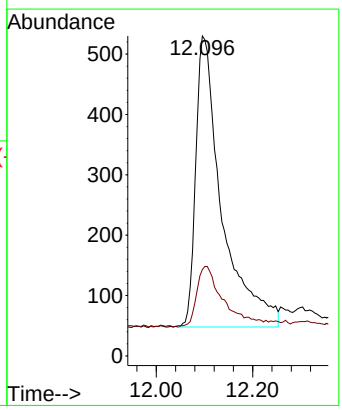


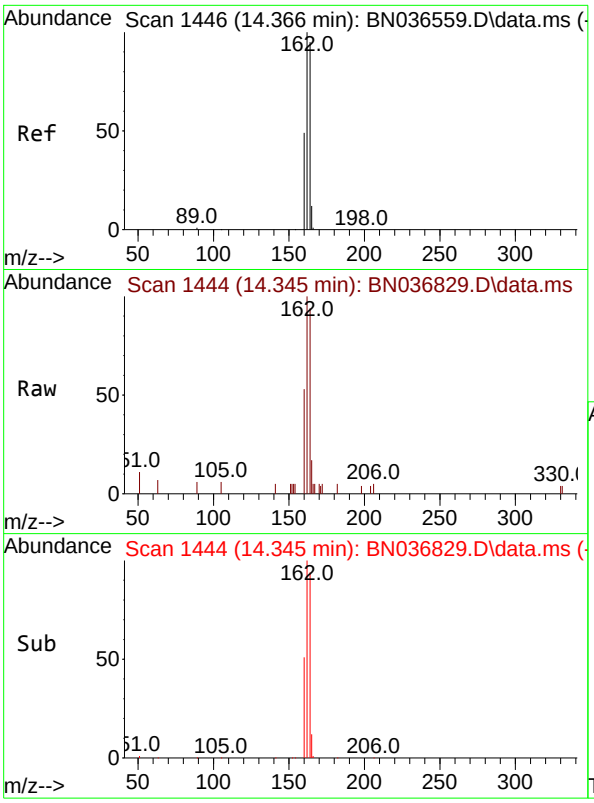


#11
2-Methylnaphthalene-d10
Concen: 0.312 ng
RT: 12.096 min Scan# 1139
Delta R.T. -0.015 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Tgt Ion:152 Resp: 1811

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.0	25.6



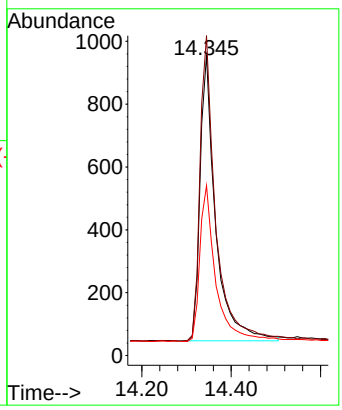


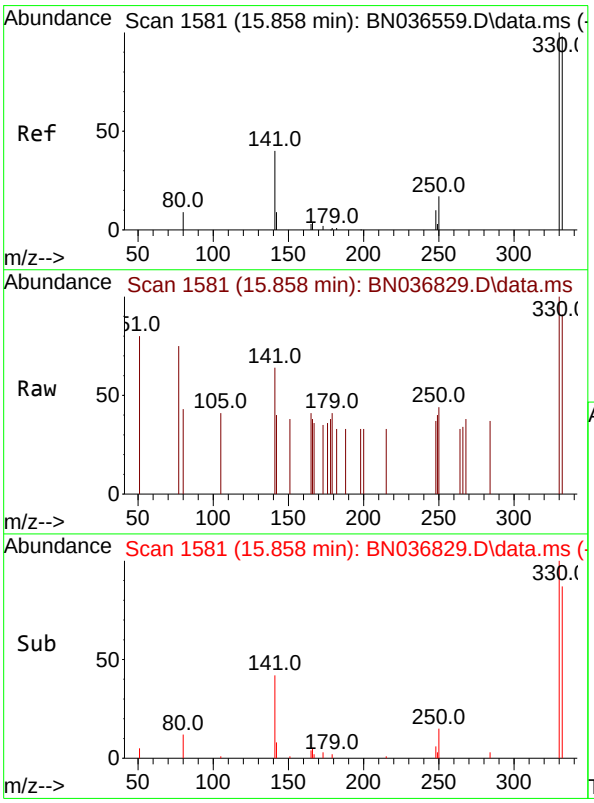
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 14
Delta R.T. -0.021 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Instrument :
BNA_N
ClientSampleId :
PB167450BL

Tgt Ion:164 Resp: 2194

Ion	Ratio	Lower	Upper
164	100		
162	106.5	84.2	126.2
160	56.6	42.2	63.2

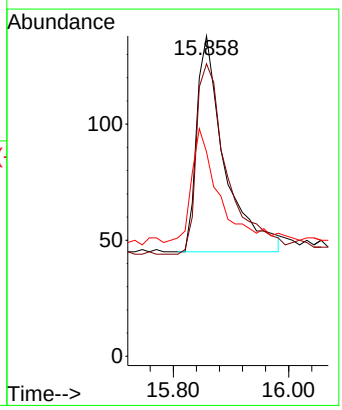


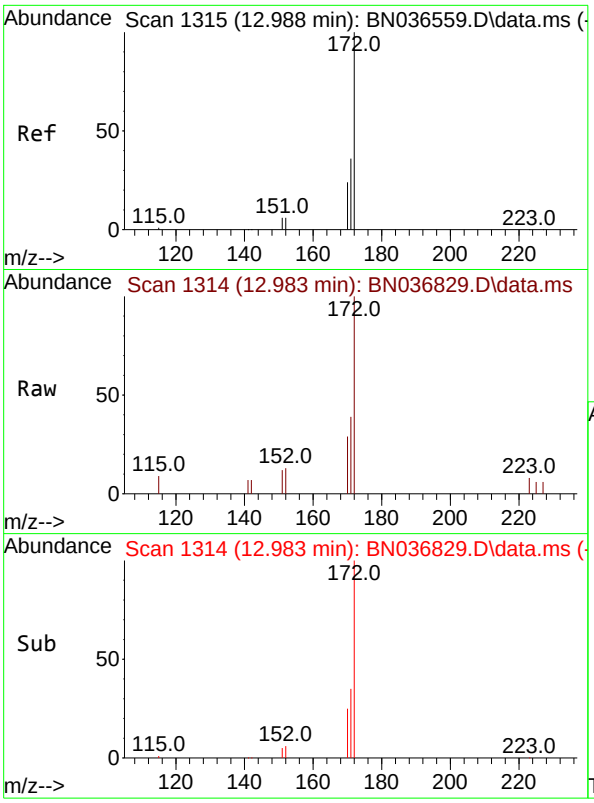


#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Tgt Ion:330 Resp: 312

Ion	Ratio	Lower	Upper
330	100		
332	99.0	75.2	112.8
141	51.3	43.4	65.2



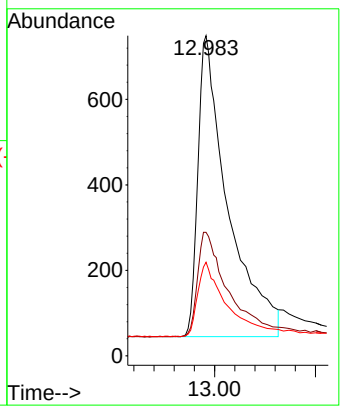


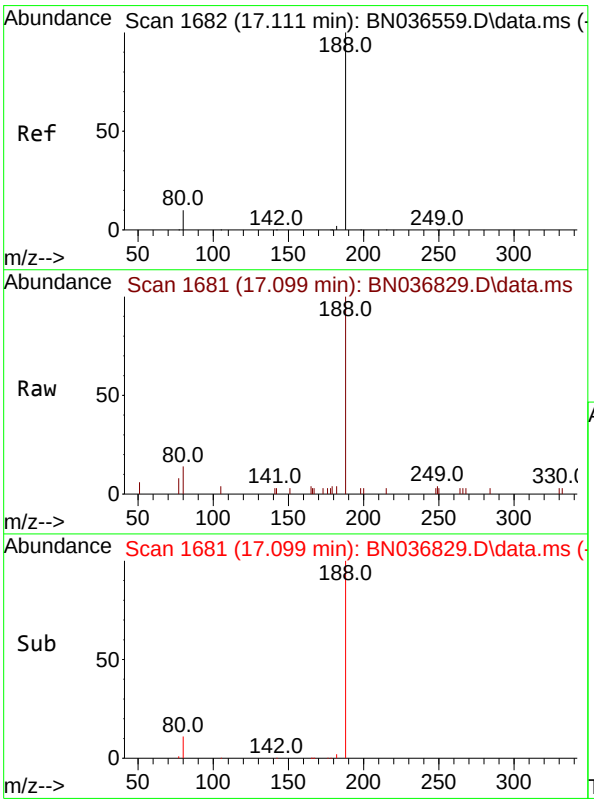
#15
2-Fluorobiphenyl
Concen: 0.255 ng
RT: 12.983 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Instrument :
BNA_N
ClientSampleId :
PB167450BL

Tgt Ion:172 Resp: 3249

Ion	Ratio	Lower	Upper
172	100		
171	38.6	29.5	44.3
170	29.2	20.2	30.4

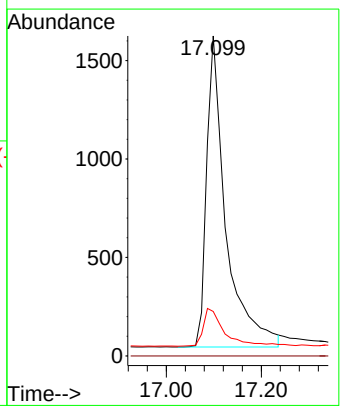


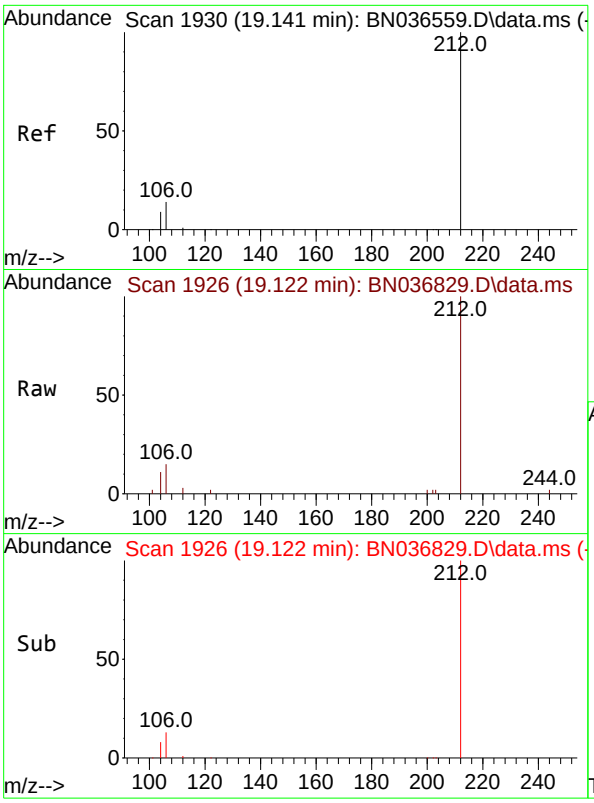


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. -0.012 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Tgt Ion:188 Resp: 4456

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.9	8.8	13.2#



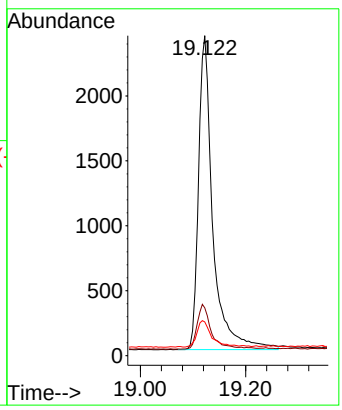


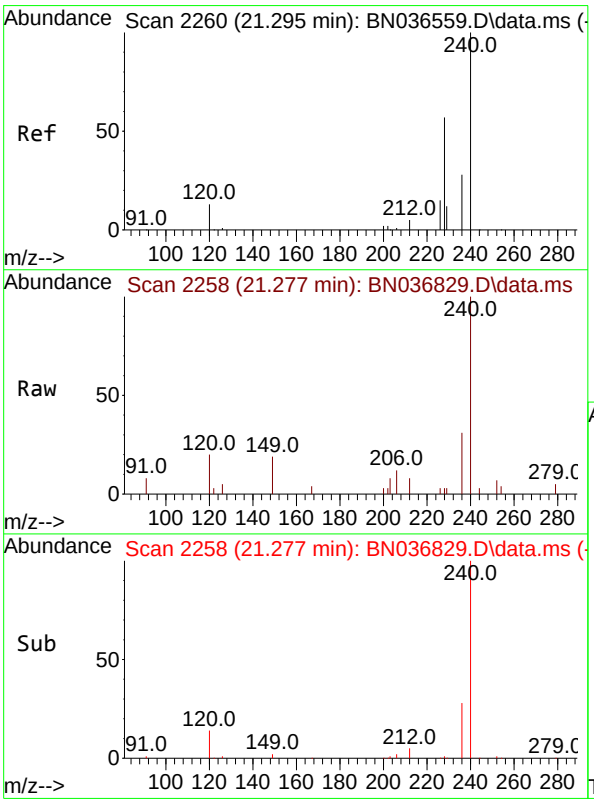
#27
Fluoranthene-d10
Concen: 0.399 ng
RT: 19.122 min Scan# 1
Delta R.T. -0.019 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Instrument :
BNA_N
ClientSampleId :
PB167450BL

Tgt Ion:212 Resp: 4552

Ion	Ratio	Lower	Upper
212	100		
106	14.3	11.8	17.6
104	8.5	7.3	10.9

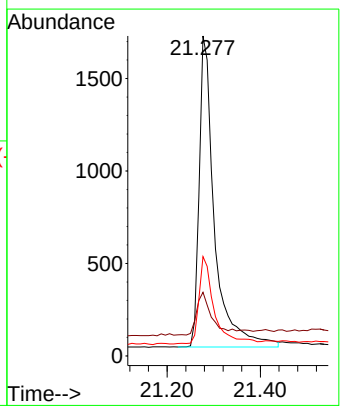


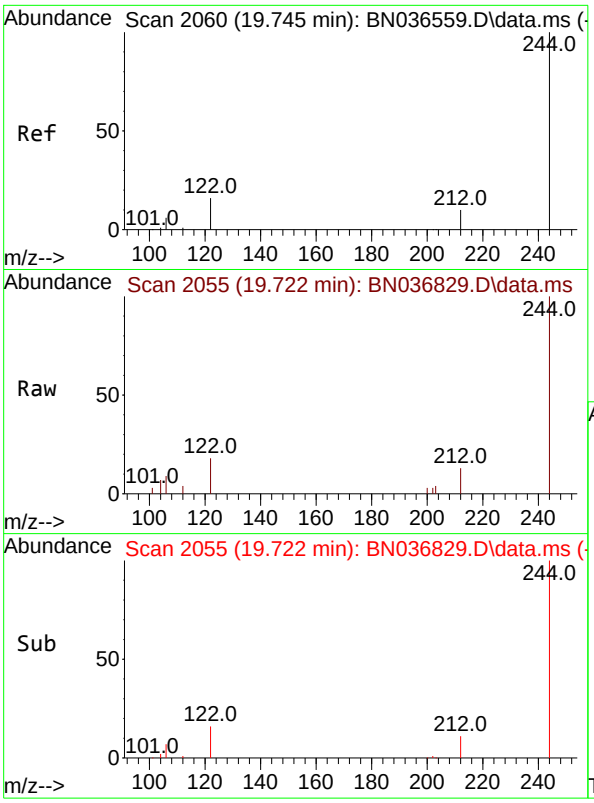


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Tgt Ion:240 Resp: 3841

Ion	Ratio	Lower	Upper
240	100		
120	19.9	14.6	22.0
236	31.0	24.1	36.1



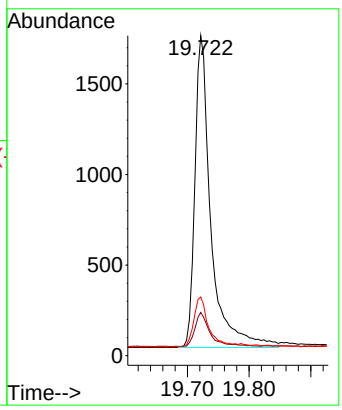


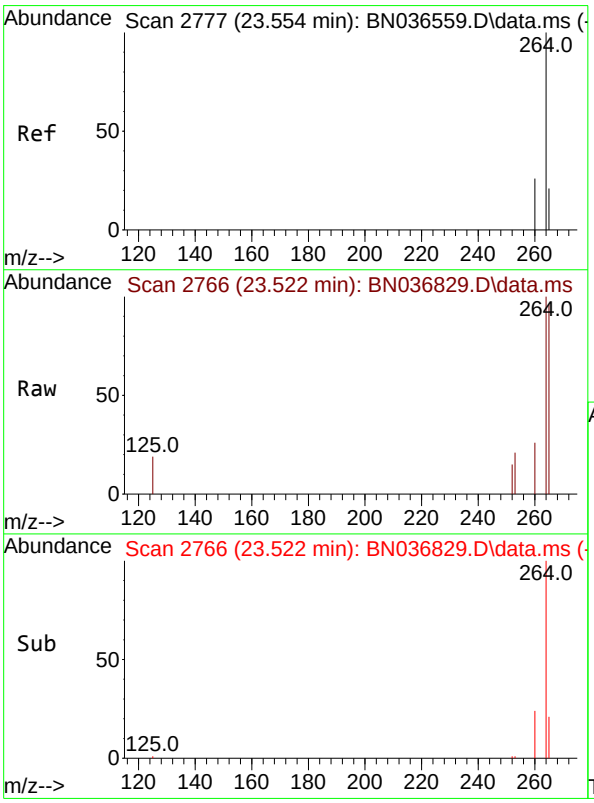
#31
Terphenyl-d14
Concen: 0.338 ng
RT: 19.722 min Scan# 2
Delta R.T. -0.023 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Instrument :
BNA_N
ClientSampleId :
PB167450BL

Tgt Ion:244 Resp: 3114

Ion	Ratio	Lower	Upper
244	100		
212	13.5	9.6	14.4
122	18.3	13.9	20.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.522 min Scan# 2766
Delta R.T. -0.032 min
Lab File: BN036829.D
Acq: 03 Apr 2025 19:02

Tgt Ion:264 Resp: 3492

Ion	Ratio	Lower	Upper
264	100		
260	26.4	22.6	33.8
265	96.4	88.1	132.1