Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040425\
Data File : BN036838.D
Acq On : 04 Apr 2025 16:46
Operator : RC/JU
Sample : PB167468BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167468BL

Quant Time: Apr 04 17:31:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 04 17:30:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	2702	0.400	ng	0.00
7) Naphthalene-d8	10.477	136	6445	0.400	ng	# 0.00
13) Acenaphthene-d10	14.334	164	3394	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	7030	0.400	ng	0.01
29) Chrysene-d12	21.277	240	5598	0.400	ng	0.00
35) Perylene-d12	23.513	264	5080	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	2740	0.435	ng	0.00
5) Phenol-d6	6.865	99	3060	0.393	ng	0.00
8) Nitrobenzene-d5	8.843	82	2430	0.347	ng	0.00
11) 2-Methylnaphthalene-d10	12.070	152	3389	0.354	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	445	0.289	ng	0.00
15) 2-Fluorobiphenyl	12.958	172	7348	0.372	ng	0.00
27) Fluoranthene-d10	19.118	212	7480	0.415	ng	0.00
31) Terphenyl-d14	19.717	244	5167	0.385	ng	0.00
Target Compounds						Qvalue

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

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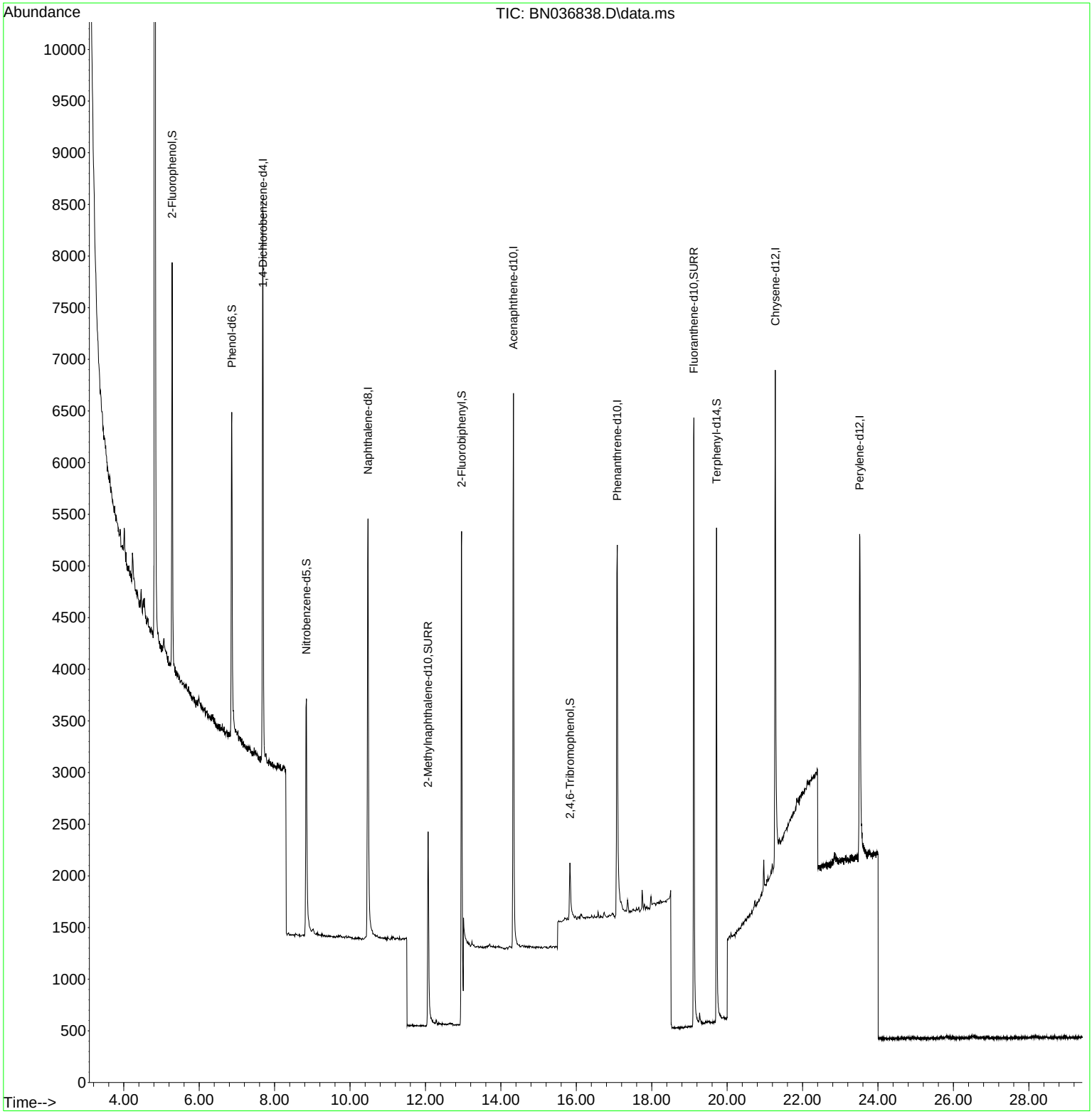
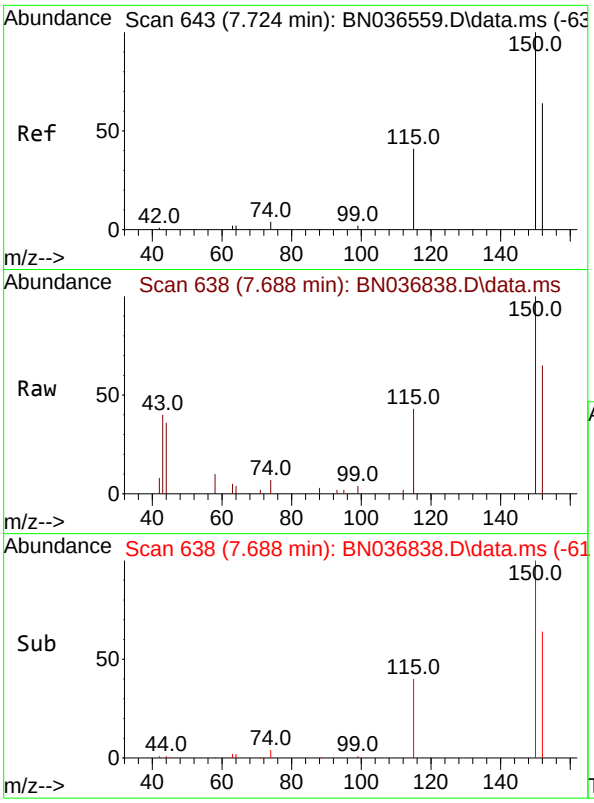


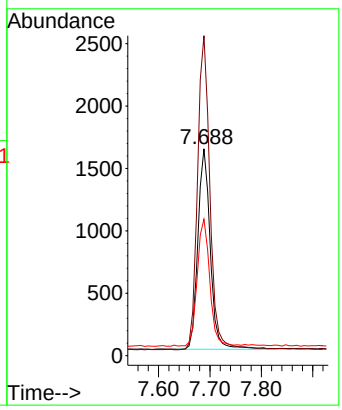


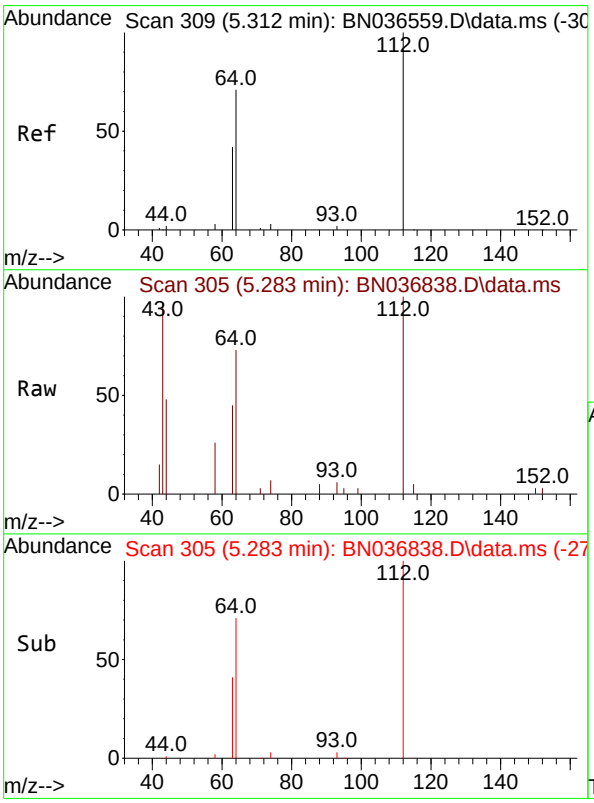
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN036838.D
Acq: 04 Apr 2025 16:46

Instrument :
BNA_N
ClientSampleId :
PB167468BL

Tgt Ion:152 Resp: 2702

Ion	Ratio	Lower	Upper
152	100		
150	154.6	123.7	185.5
115	65.9	54.3	81.5

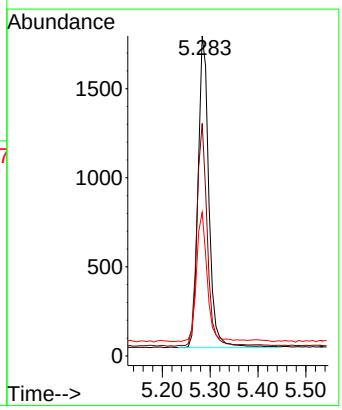


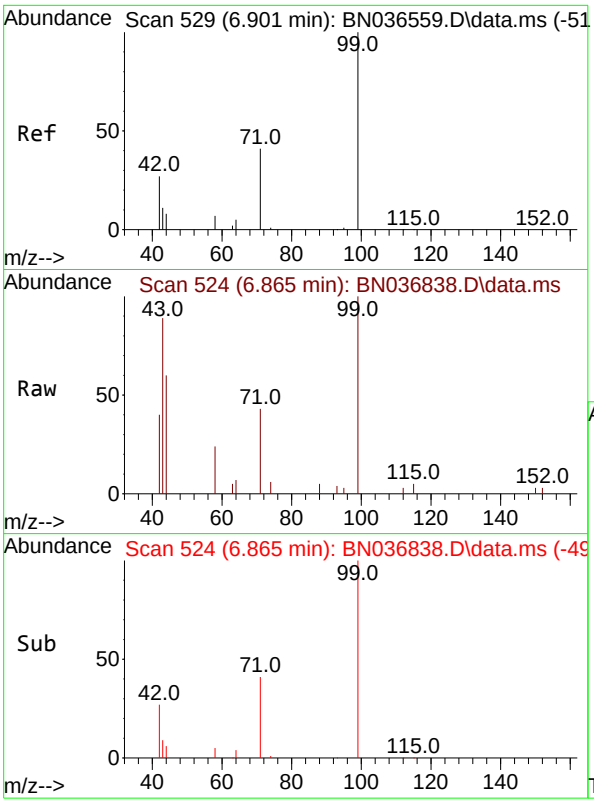


#4
2-Fluorophenol
Concen: 0.435 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.000 min
Lab File: BN036838.D
Acq: 04 Apr 2025 16:46

Tgt Ion:112 Resp: 2740

Ion	Ratio	Lower	Upper
112	100		
64	68.8	53.1	79.7
63	41.2	31.8	47.8



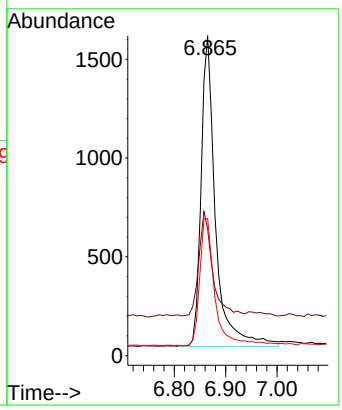


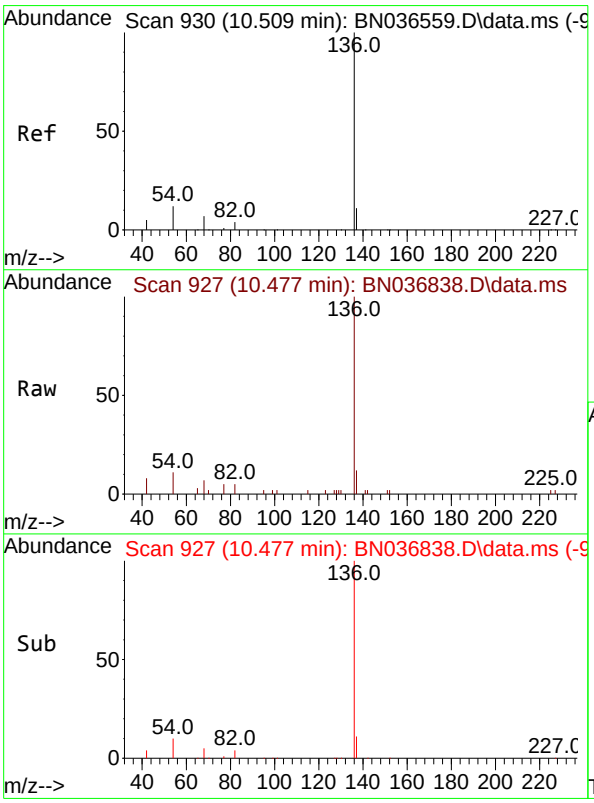
#5
Phenol-d6
Concen: 0.393 ng
RT: 6.865 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN036838.D
Acq: 04 Apr 2025 16:46

Instrument :
BNA_N
ClientSampleId :
PB167468BL

Tgt Ion: 99 Resp: 3060

Ion	Ratio	Lower	Upper
99	100		
42	32.5	26.5	39.7
71	43.3	34.1	51.1

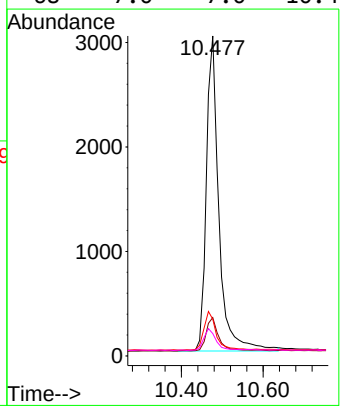


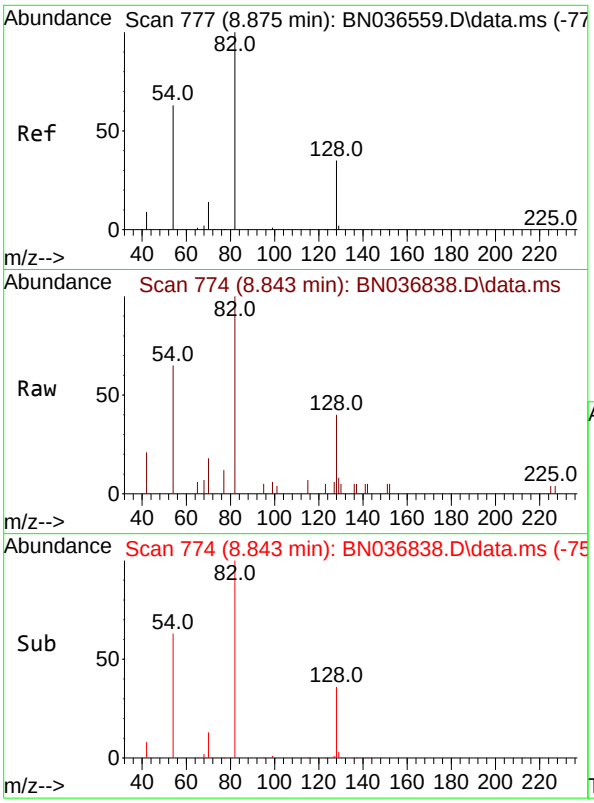


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 927
Delta R.T. -0.000 min
Lab File: BN036838.D
Acq: 04 Apr 2025 16:46

Tgt Ion:136 Resp: 6445

Ion	Ratio	Lower	Upper
136	100		
137	12.0	10.3	15.5
54	11.5	11.5	17.3#
68	7.0	7.0	10.4



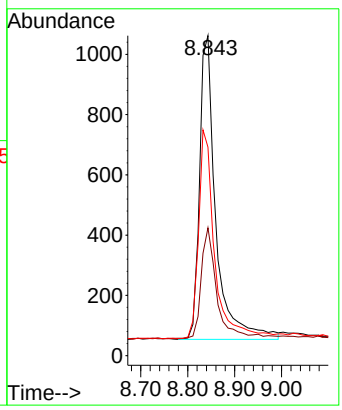


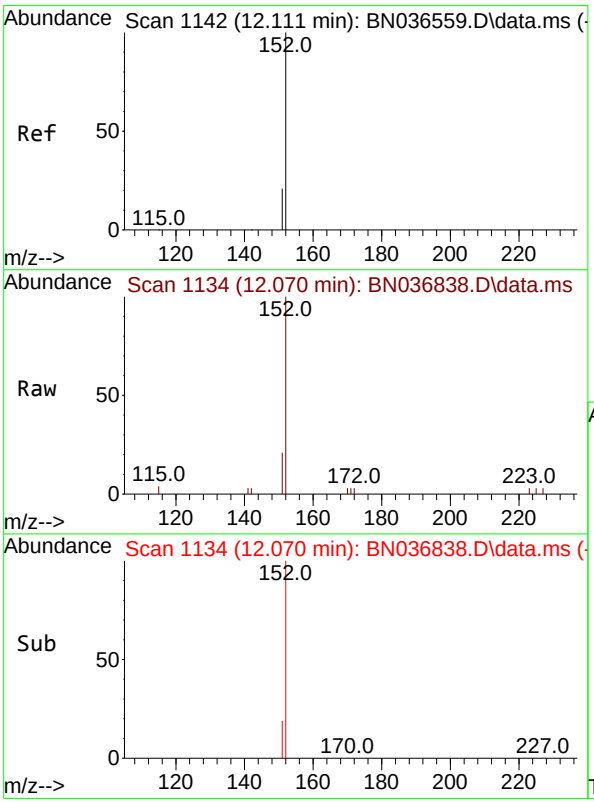
#8
Nitrobenzene-d5
Concen: 0.347 ng
RT: 8.843 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN036838.D
Acq: 04 Apr 2025 16:46

Instrument :
BNA_N
ClientSampleId :
PB167468BL

Tgt Ion: 82 Resp: 2430

Ion	Ratio	Lower	Upper
82	100		
128	39.9	30.6	45.8
54	65.2	52.2	78.4

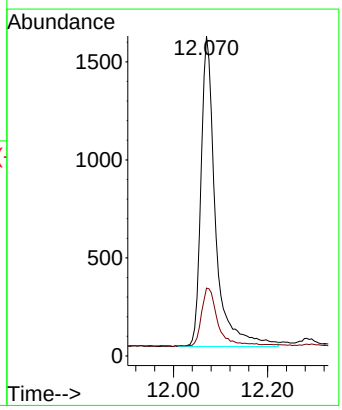


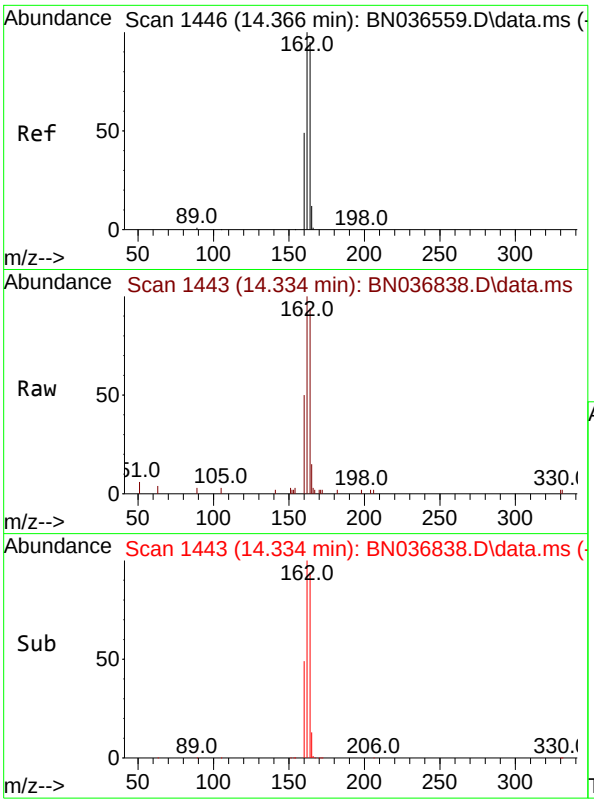


#11
2-Methylnaphthalene-d10
Concen: 0.354 ng
RT: 12.070 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BN036838.D
Acq: 04 Apr 2025 16:46

Tgt Ion:152 Resp: 3389

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.0	25.6



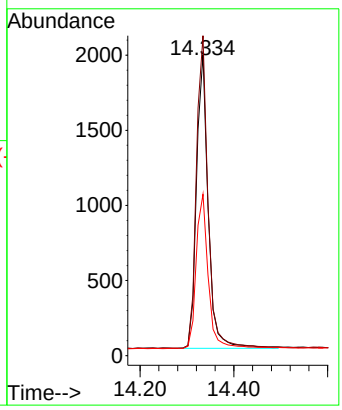


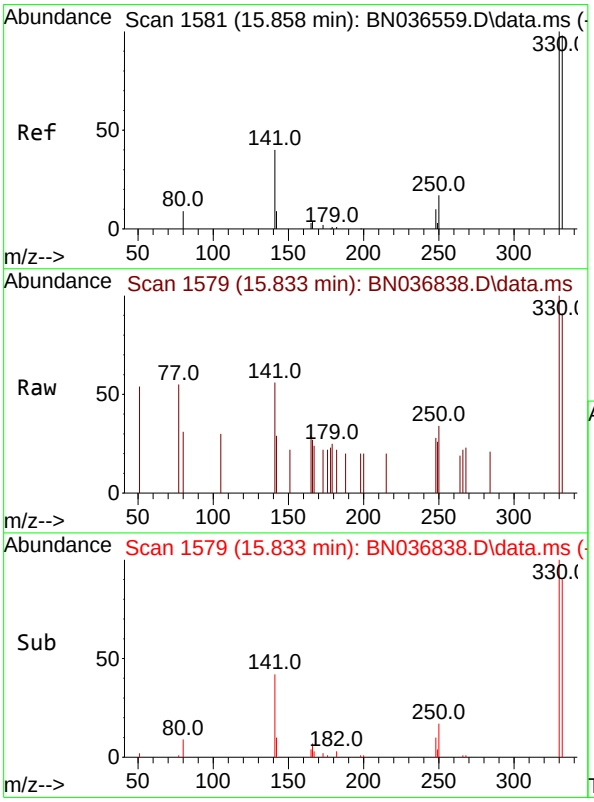
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036838.D
Acq: 04 Apr 2025 16:46

Instrument :
BNA_N
ClientSampleId :
PB167468BL

Tgt Ion:164 Resp: 3394

Ion	Ratio	Lower	Upper
164	100		
162	106.3	84.2	126.2
160	53.7	42.2	63.2

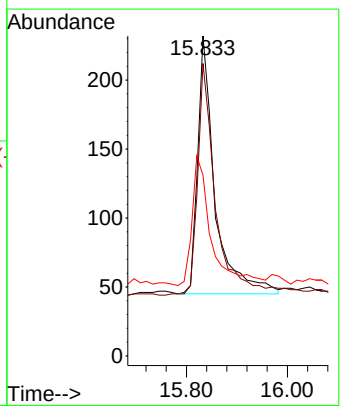


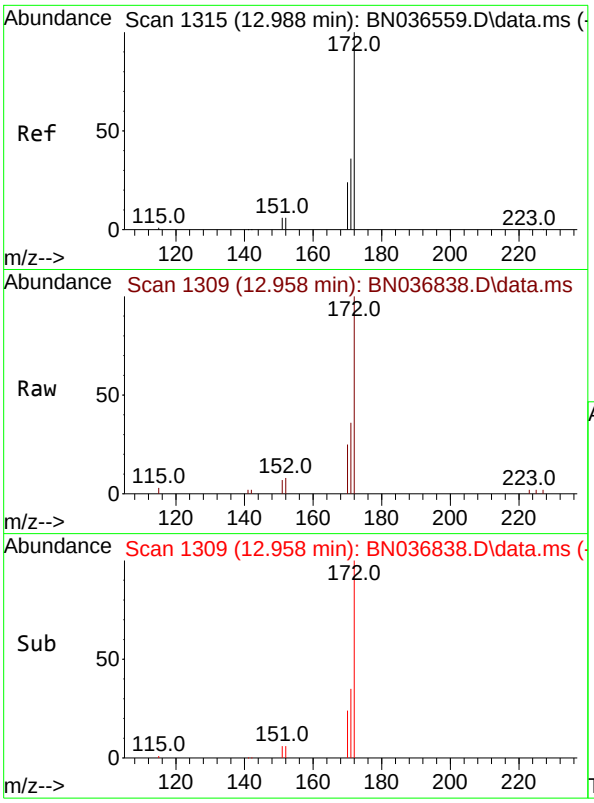


#14
2,4,6-Tribromophenol
Concen: 0.289 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BN036838.D
Acq: 04 Apr 2025 16:46

Tgt Ion:330 Resp: 445

Ion	Ratio	Lower	Upper
330	100		
332	93.5	75.2	112.8
141	55.7	43.4	65.2



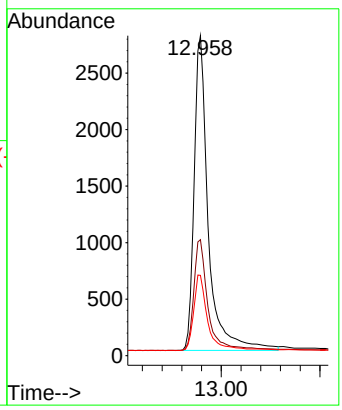


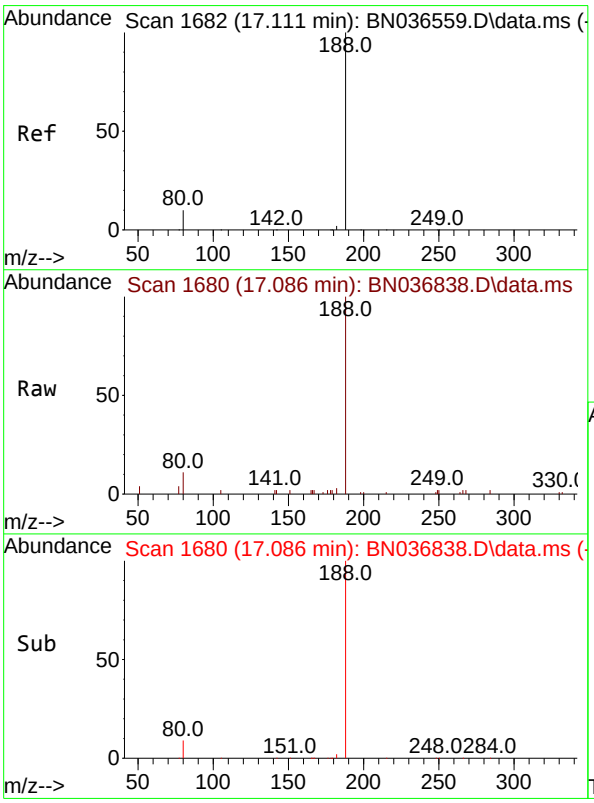
#15
2-Fluorobiphenyl
Concen: 0.372 ng
RT: 12.958 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036838.D
Acq: 04 Apr 2025 16:46

Instrument :
BNA_N
ClientSampleId :
PB167468BL

Tgt Ion:172 Resp: 7348

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.5	44.3
170	25.1	20.2	30.4

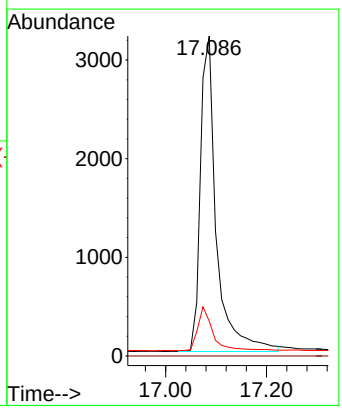


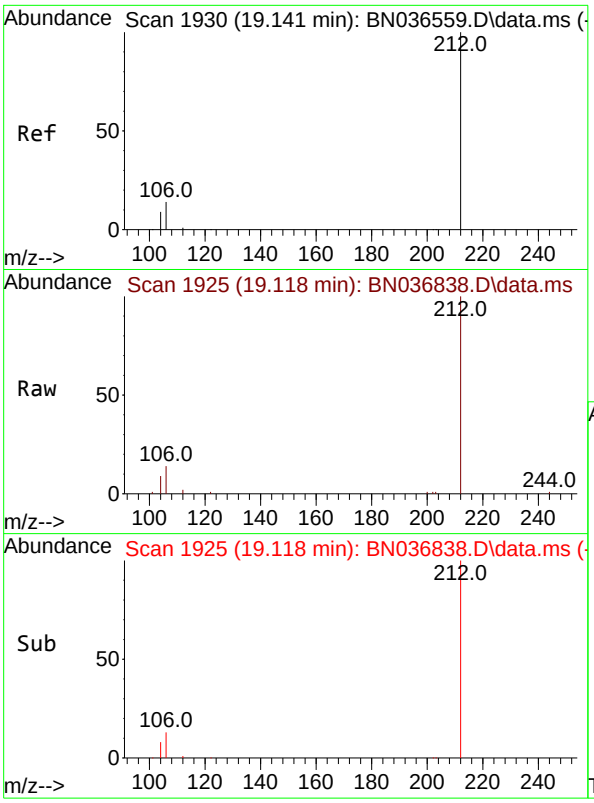


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. 0.012 min
Lab File: BN036838.D
Acq: 04 Apr 2025 16:46

Tgt Ion:188 Resp: 7030

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	8.8	13.2



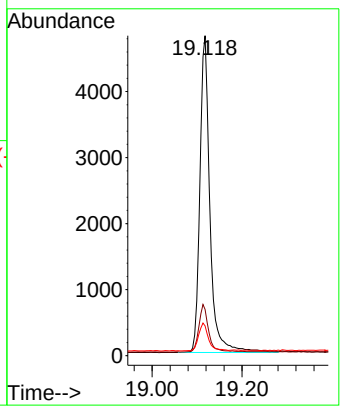


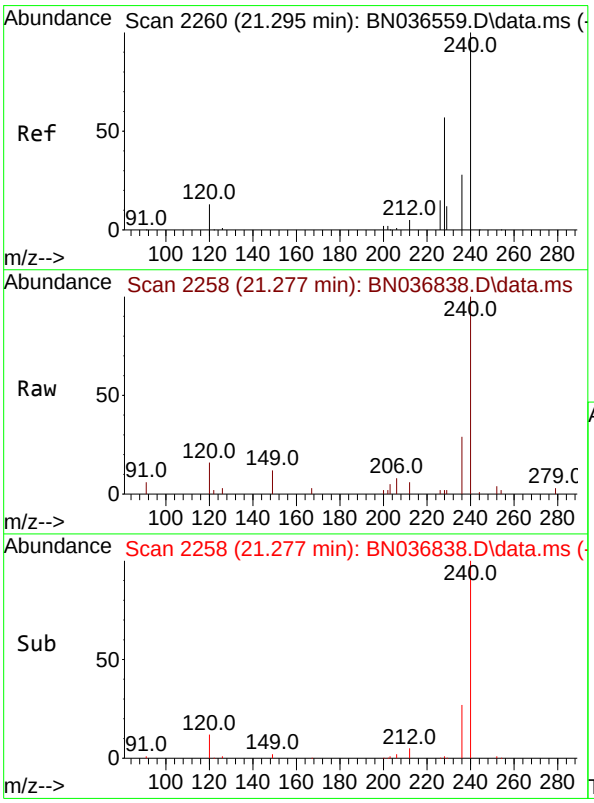
#27
Fluoranthene-d10
Concen: 0.415 ng
RT: 19.118 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN036838.D
Acq: 04 Apr 2025 16:46

Instrument :
BNA_N
ClientSampleId :
PB167468BL

Tgt Ion:212 Resp: 7480

Ion	Ratio	Lower	Upper
212	100		
106	14.6	11.8	17.6
104	8.7	7.3	10.9

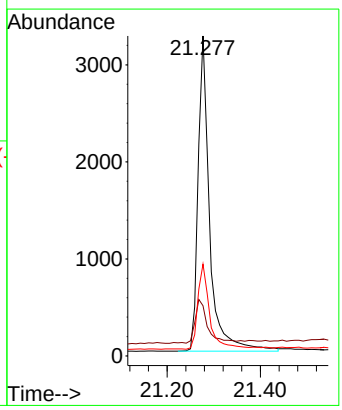


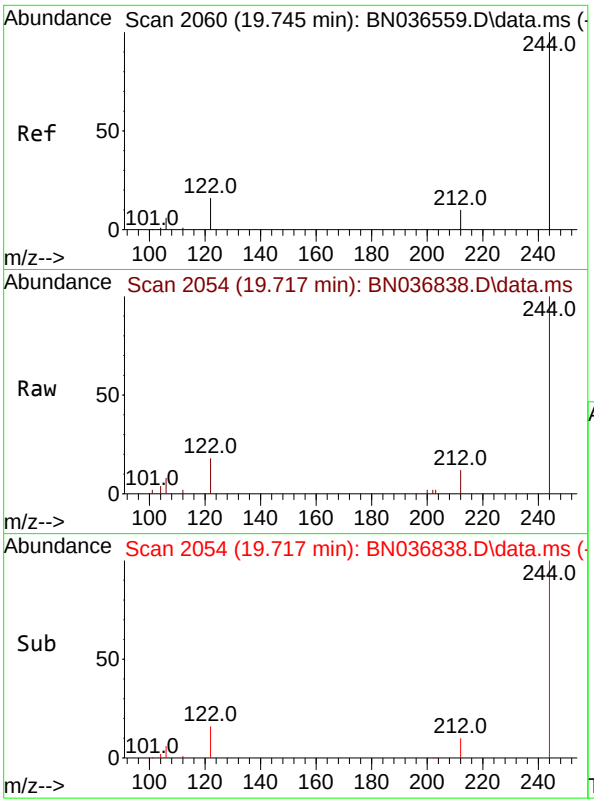


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. 0.009 min
Lab File: BN036838.D
Acq: 04 Apr 2025 16:46

Tgt Ion:240 Resp: 5598

Ion	Ratio	Lower	Upper
240	100		
120	15.7	14.6	22.0
236	28.7	24.1	36.1



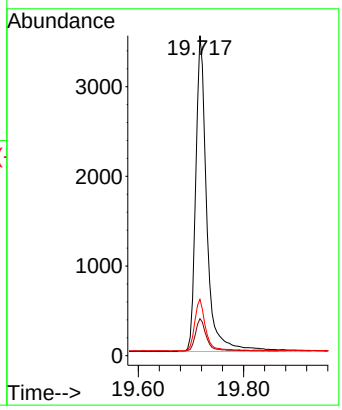


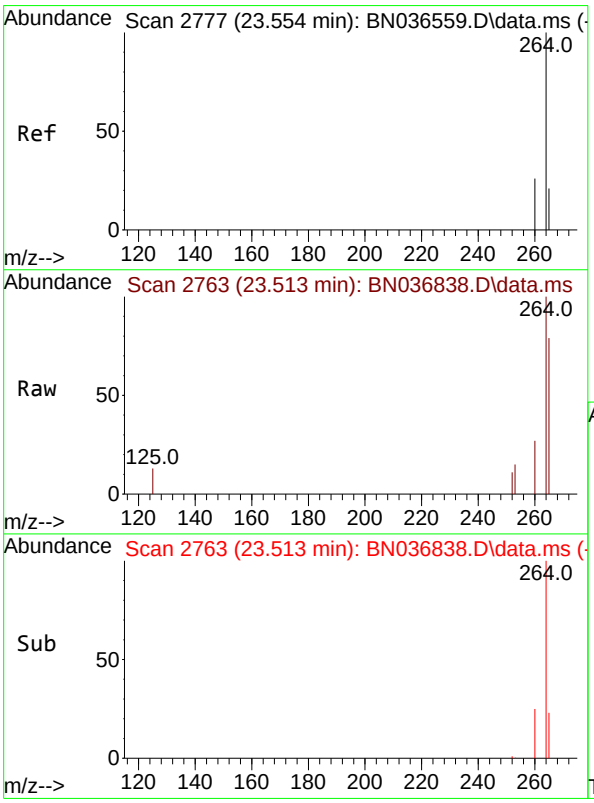
#31
Terphenyl-d14
Concen: 0.385 ng
RT: 19.717 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036838.D
Acq: 04 Apr 2025 16:46

Instrument :
BNA_N
ClientSampleId :
PB167468BL

Tgt Ion:244 Resp: 5167

Ion	Ratio	Lower	Upper
244	100		
212	11.6	9.6	14.4
122	17.6	13.9	20.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.513 min Scan# 2763
Delta R.T. 0.003 min
Lab File: BN036838.D
Acq: 04 Apr 2025 16:46

Tgt Ion:264 Resp: 5080

Ion	Ratio	Lower	Upper
264	100		
260	27.0	22.6	33.8
265	78.6	88.1	132.1#