Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031725\
Data File : BN036652.D
Acq On : 17 Mar 2025 10:25
Operator : RC/JU
Sample : PB167128BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167128BL

Quant Time: Mar 17 12:11:46 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	7.717	152	2596	0.400	ng	0.00
7) Naphthalene-d8	10.519	136	5782	0.400	ng	0.01
13) Acenaphthene-d10	14.366	164	3141	0.400	ng	0.00
19) Phenanthrene-d10	17.124	188	5565	0.400	ng	# 0.01
29) Chrysene-d12	21.304	240	3733	0.400	ng	0.00
35) Perylene-d12	23.557	264	3328	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	2348	0.388	ng	0.00
5) Phenol-d6	6.894	99	2363	0.316	ng	0.00
8) Nitrobenzene-d5	8.886	82	1936	0.308	ng	0.01
11) 2-Methylnaphthalene-d10	12.121	152	2668	0.310	ng	0.01
14) 2,4,6-Tribromophenol	15.882	330	302	0.212	ng	0.02
15) 2-Fluorobiphenyl	13.003	172	4159	0.228	ng	0.02
27) Fluoranthene-d10	19.146	212	5134	0.360	ng	0.00
31) Terphenyl-d14	19.750	244	3299	0.369	ng	0.00
Target Compounds						Qvalue

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

Quantitation Report (QT Reviewed)

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BNA_N
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Quant Time: Mar 17 12:11:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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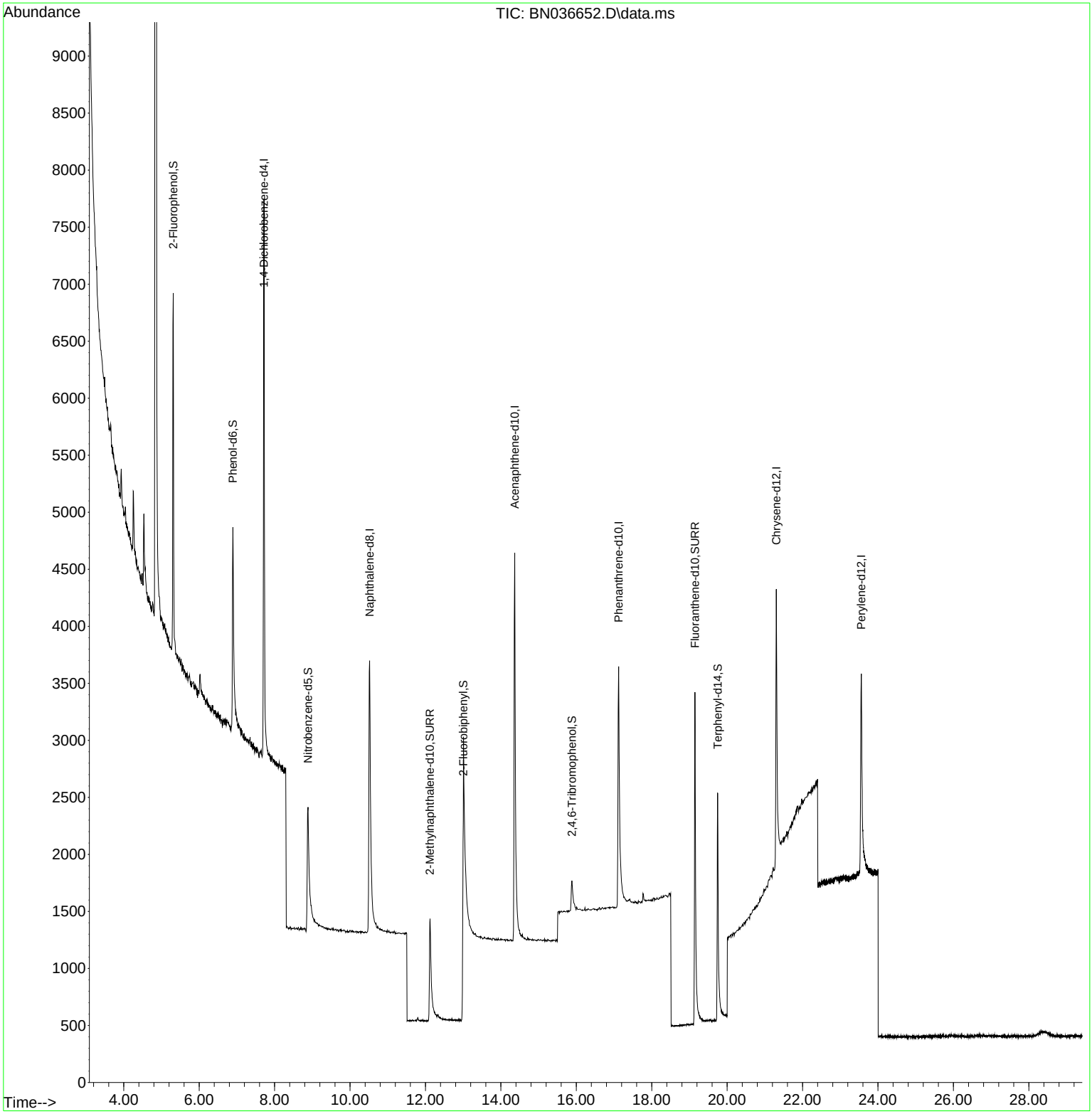
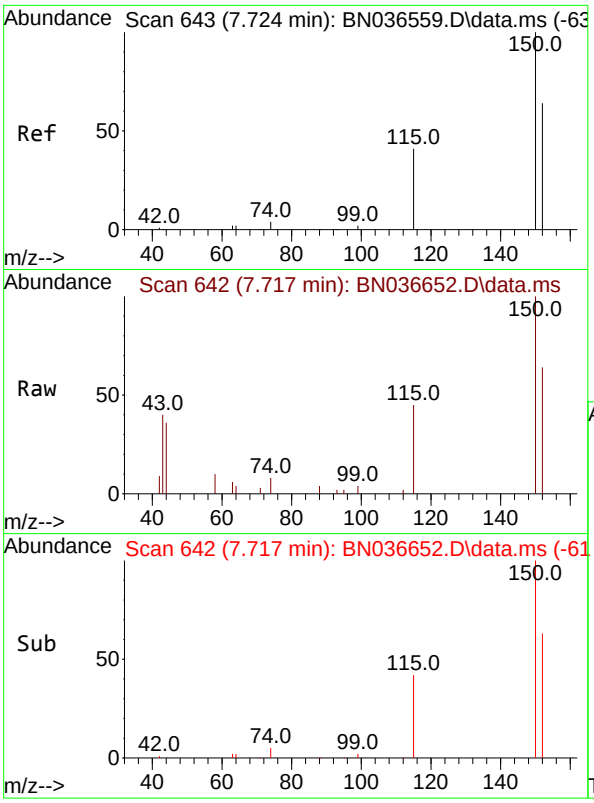


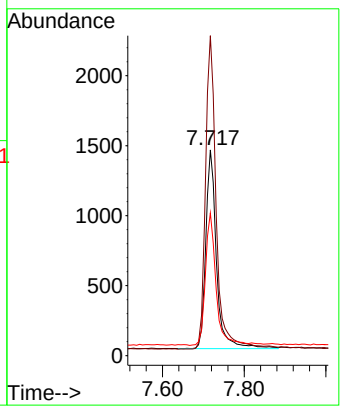


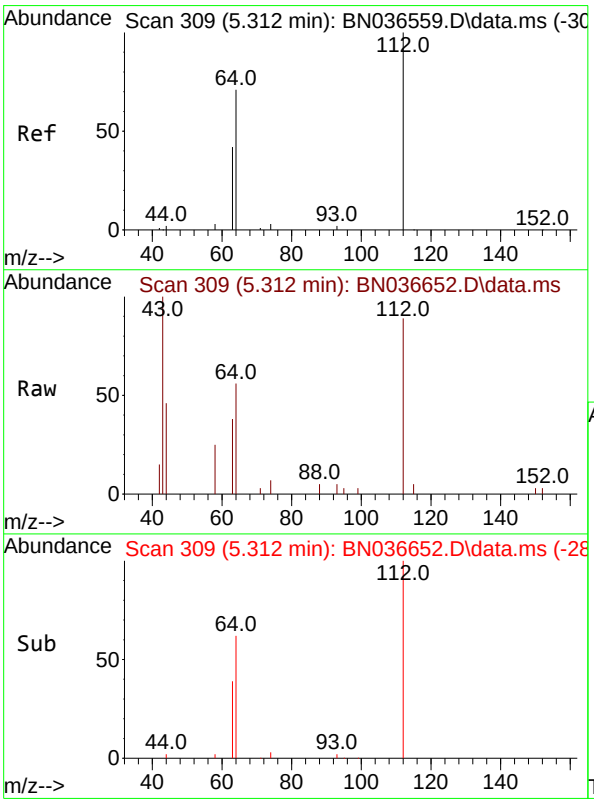
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.717 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036652.D
Acq: 17 Mar 2025 10:25

Instrument :
BNA_N
ClientSampleId :
PB167128BL

Tgt Ion:152 Resp: 2596

Ion	Ratio	Lower	Upper
152	100		
150	155.5	123.7	185.5
115	69.3	54.3	81.5

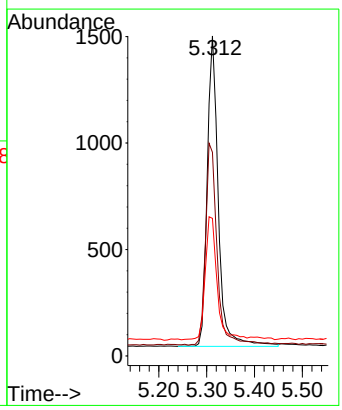


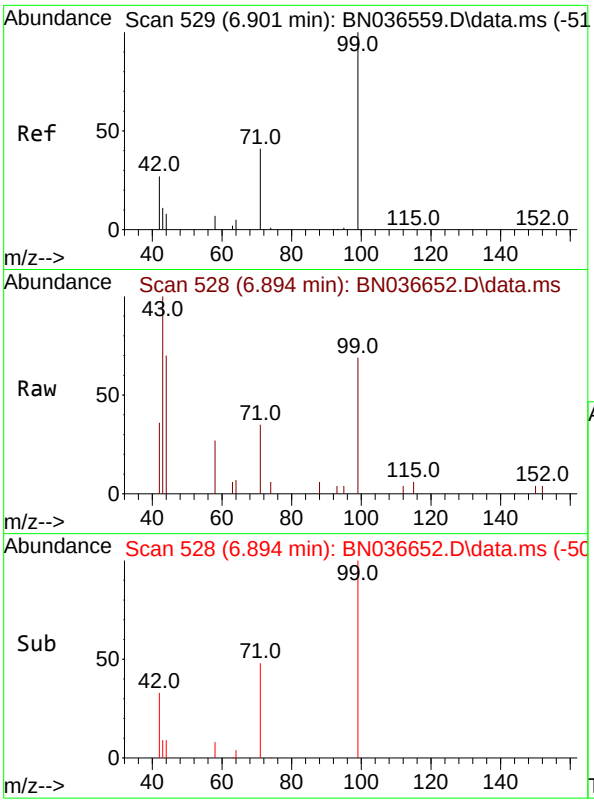


#4
2-Fluorophenol
Concen: 0.388 ng
RT: 5.312 min Scan# 309
Delta R.T. 0.000 min
Lab File: BN036652.D
Acq: 17 Mar 2025 10:25

Tgt Ion:112 Resp: 2348

Ion	Ratio	Lower	Upper
112	100		
64	68.4	53.1	79.7
63	42.0	31.8	47.8



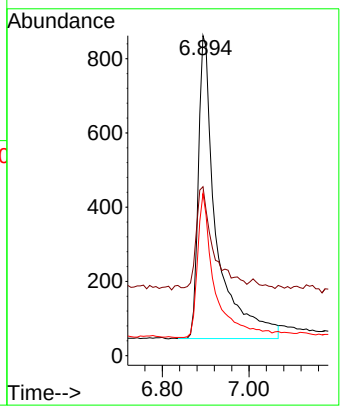


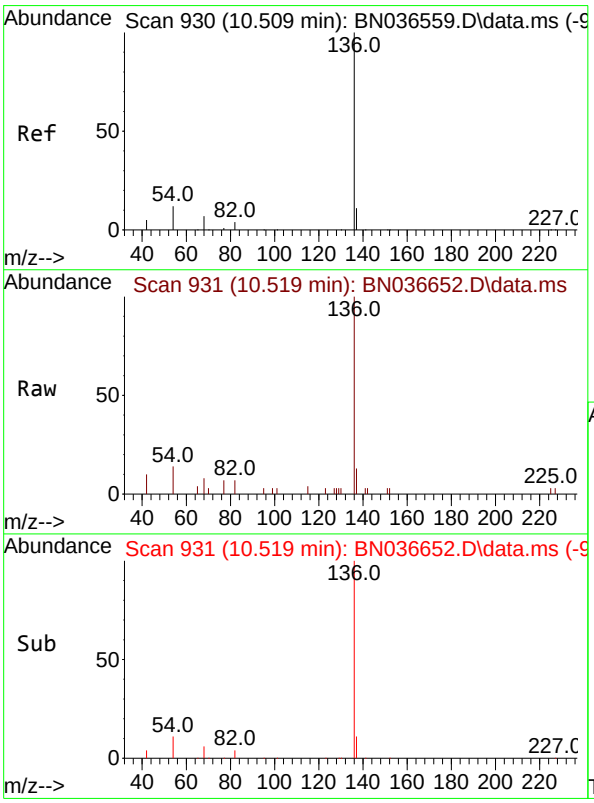
#5
Phenol-d6
Concen: 0.316 ng
RT: 6.894 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN036652.D
Acq: 17 Mar 2025 10:25

Instrument :
BNA_N
ClientSampleId :
PB167128BL

Tgt Ion: 99 Resp: 2363

Ion	Ratio	Lower	Upper
99	100		
42	31.4	26.5	39.7
71	45.0	34.1	51.1

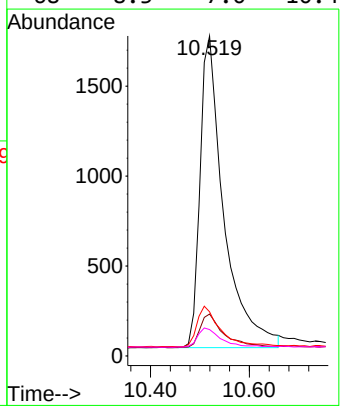


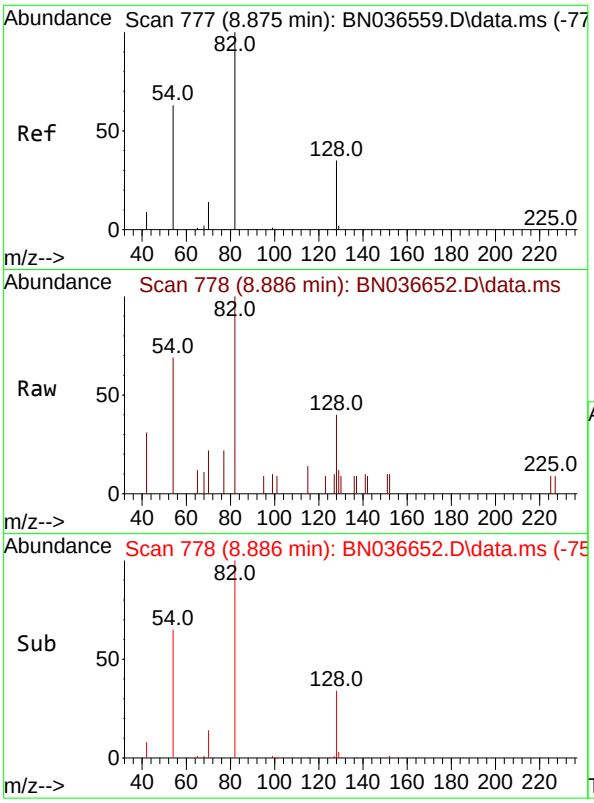


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.519 min Scan# 931
Delta R.T. 0.011 min
Lab File: BN036652.D
Acq: 17 Mar 2025 10:25

Tgt Ion:136 Resp: 5782

Ion	Ratio	Lower	Upper
136	100		
137	13.1	10.3	15.5
54	13.8	11.5	17.3
68	8.3	7.0	10.4



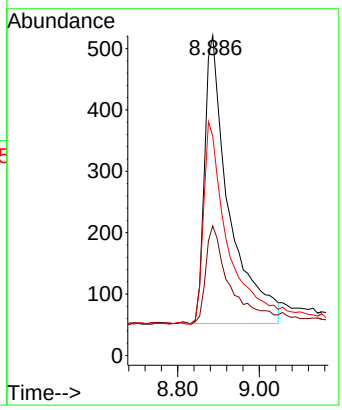


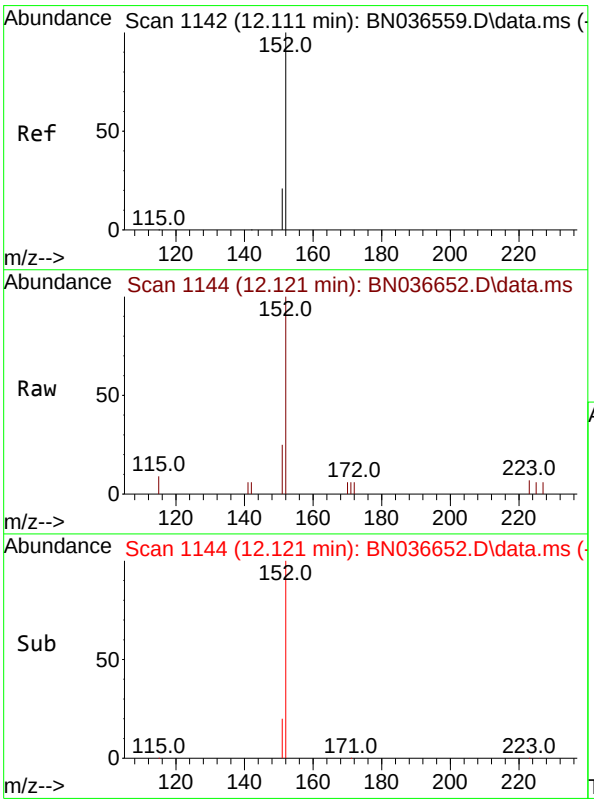
#8
Nitrobenzene-d5
Concen: 0.308 ng
RT: 8.886 min Scan# 7
Delta R.T. 0.011 min
Lab File: BN036652.D
Acq: 17 Mar 2025 10:25

Instrument :
BNA_N
ClientSampleId :
PB167128BL

Tgt Ion: 82 Resp: 1936

Ion	Ratio	Lower	Upper
82	100		
128	40.5	30.6	45.8
54	68.5	52.2	78.4

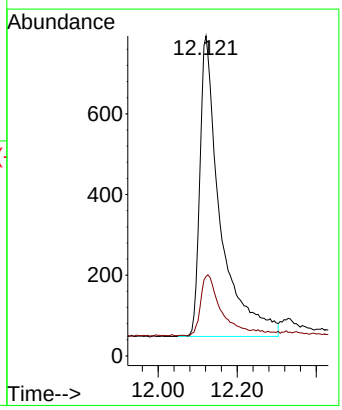


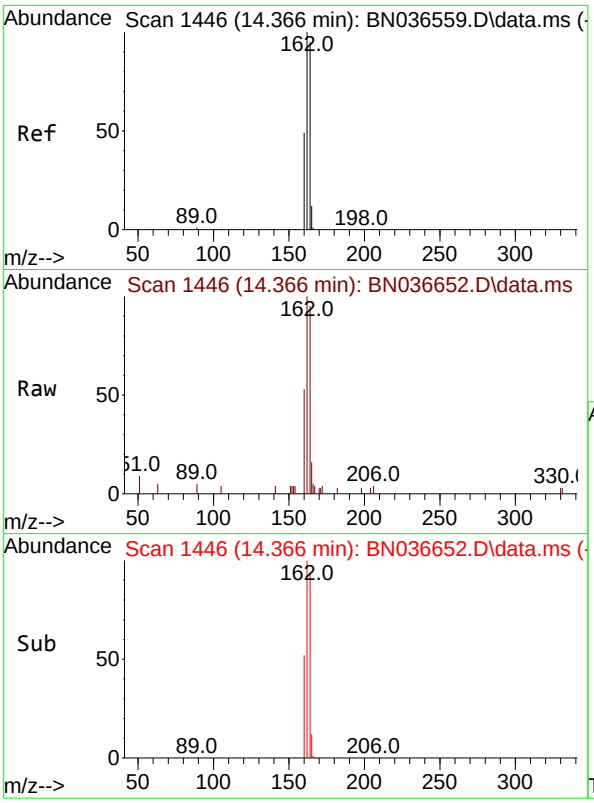


#11
2-Methylnaphthalene-d10
Concen: 0.310 ng
RT: 12.121 min Scan# 1144
Delta R.T. 0.010 min
Lab File: BN036652.D
Acq: 17 Mar 2025 10:25

Tgt Ion:152 Resp: 2668

Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.0	25.6



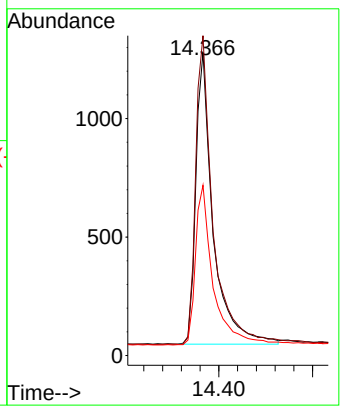


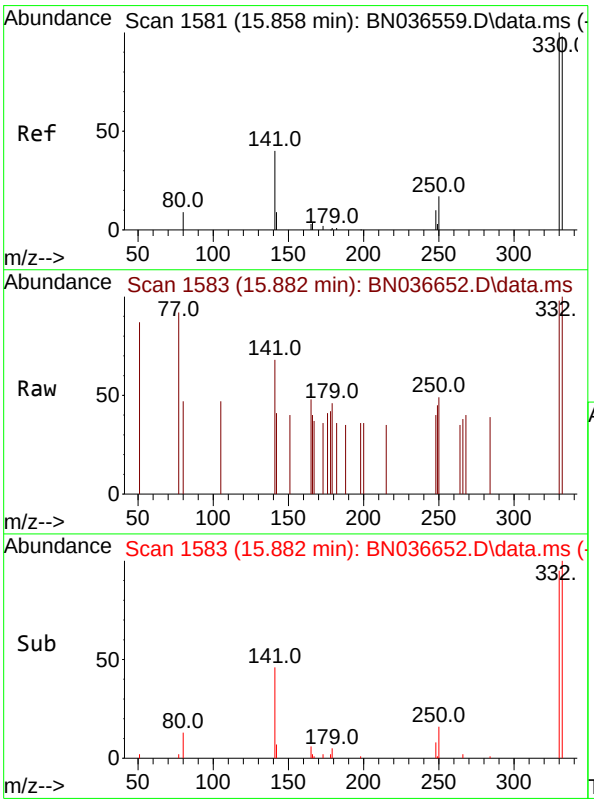
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.366 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN036652.D
Acq: 17 Mar 2025 10:25

Instrument :
BNA_N
ClientSampleId :
PB167128BL

Tgt Ion:164 Resp: 3141

Ion	Ratio	Lower	Upper
164	100		
162	105.6	84.2	126.2
160	56.2	42.2	63.2

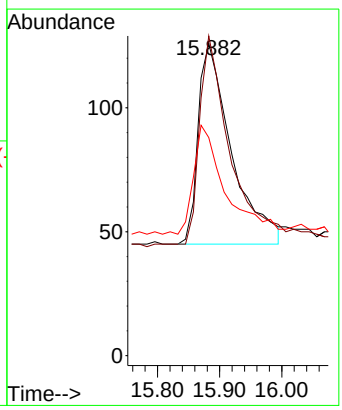


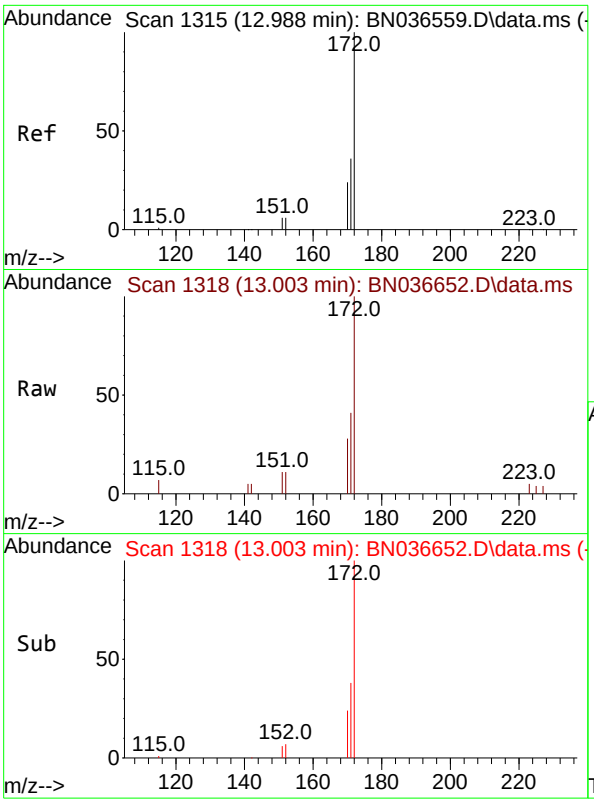


#14
2,4,6-Tribromophenol
Concen: 0.212 ng
RT: 15.882 min Scan# 1583
Delta R.T. 0.025 min
Lab File: BN036652.D
Acq: 17 Mar 2025 10:25

Tgt Ion:330 Resp: 302

Ion	Ratio	Lower	Upper
330	100		
332	96.4	75.2	112.8
141	51.3	43.4	65.2



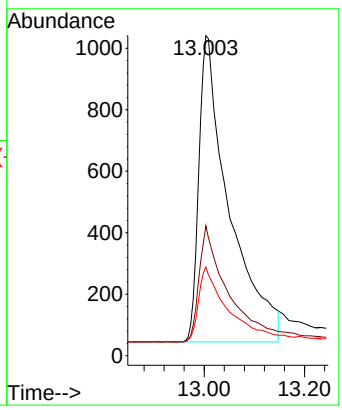


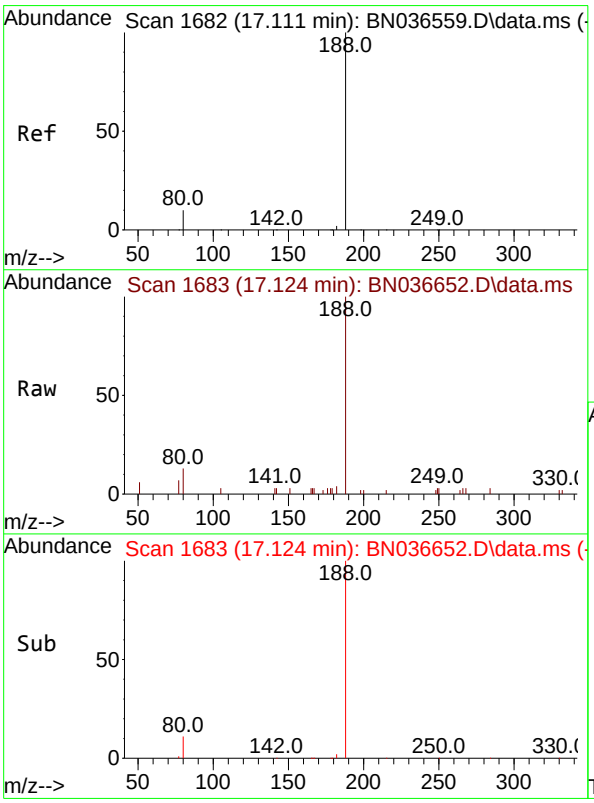
#15
2-Fluorobiphenyl
Concen: 0.228 ng
RT: 13.003 min Scan# 1
Delta R.T. 0.015 min
Lab File: BN036652.D
Acq: 17 Mar 2025 10:25

Instrument :
BNA_N
ClientSampleId :
PB167128BL

Tgt Ion:172 Resp: 4159

Ion	Ratio	Lower	Upper
172	100		
171	40.6	29.5	44.3
170	27.7	20.2	30.4

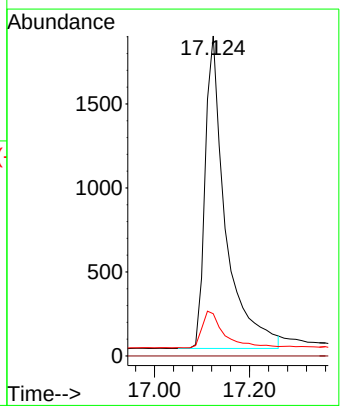


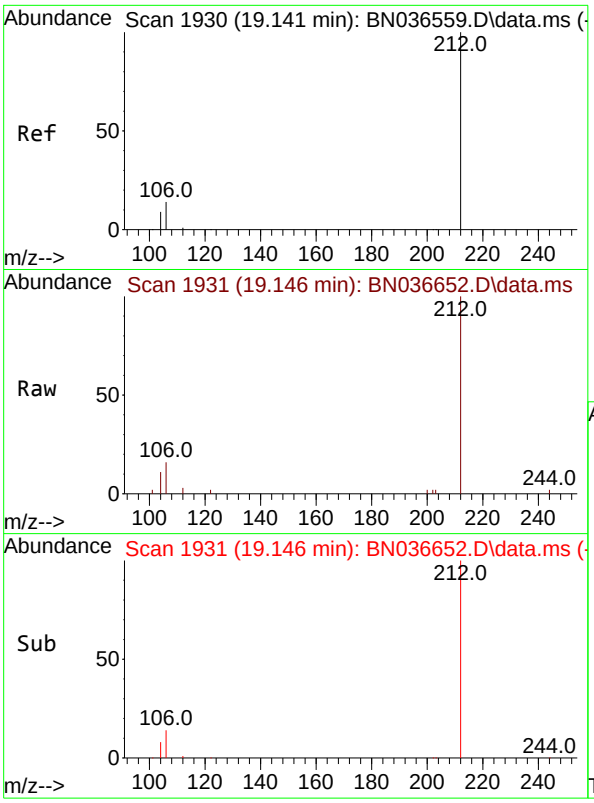


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.124 min Scan# 1683
Delta R.T. 0.012 min
Lab File: BN036652.D
Acq: 17 Mar 2025 10:25

Tgt Ion:188 Resp: 5565

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



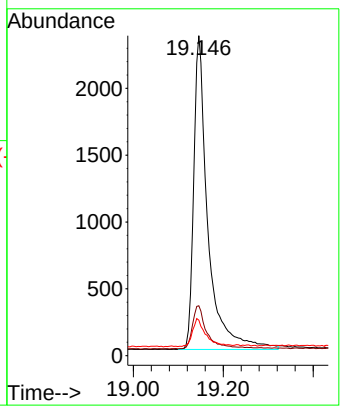


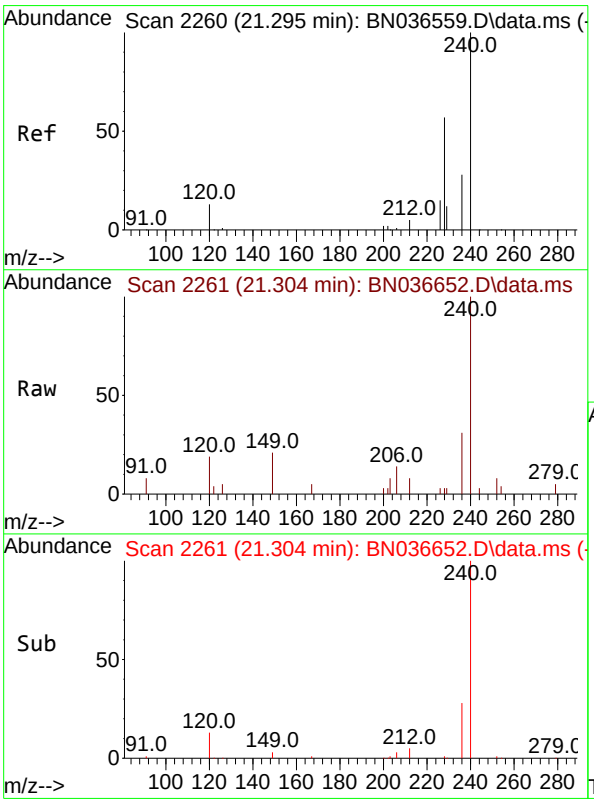
#27
Fluoranthene-d10
Concen: 0.360 ng
RT: 19.146 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN036652.D
Acq: 17 Mar 2025 10:25

Instrument :
BNA_N
ClientSampleId :
PB167128BL

Tgt Ion:212 Resp: 5134

Ion	Ratio	Lower	Upper
212	100		
106	14.1	11.8	17.6
104	8.4	7.3	10.9

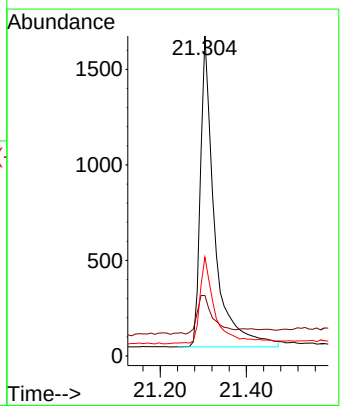


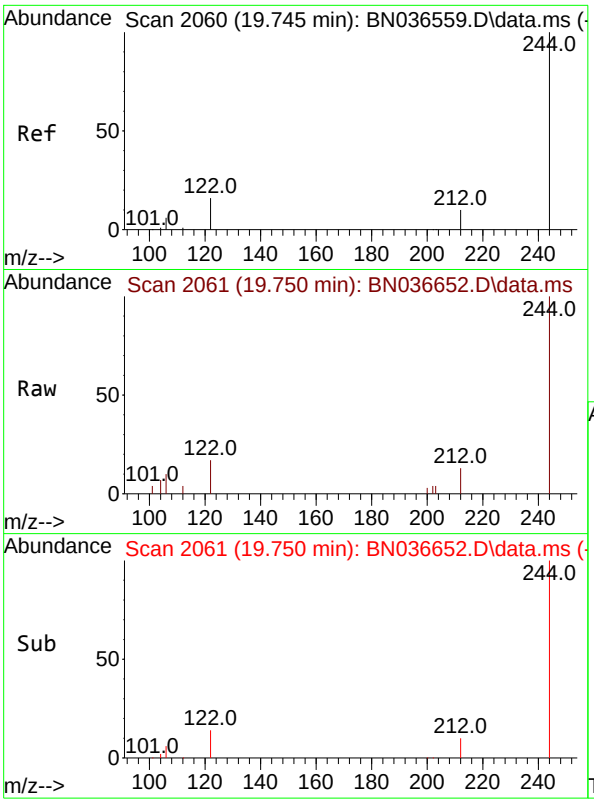


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.304 min Scan# 2261
Delta R.T. 0.009 min
Lab File: BN036652.D
Acq: 17 Mar 2025 10:25

Tgt Ion:240 Resp: 3733

Ion	Ratio	Lower	Upper
240	100		
120	18.9	14.6	22.0
236	30.9	24.1	36.1



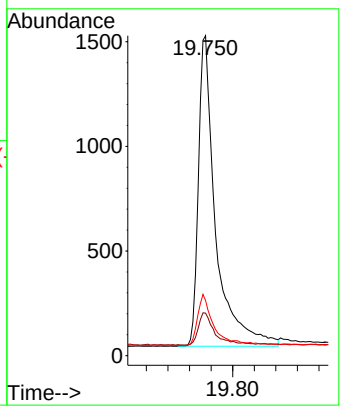


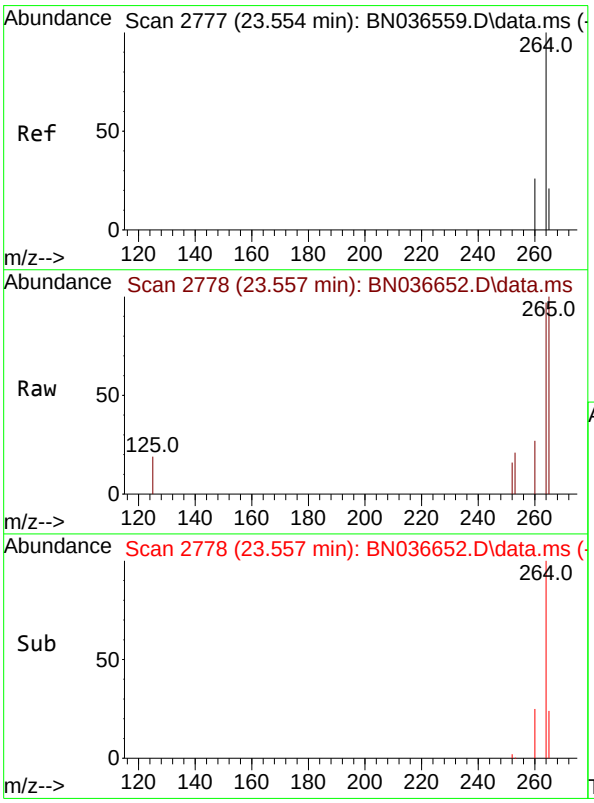
#31
Terphenyl-d14
Concen: 0.369 ng
RT: 19.750 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN036652.D
Acq: 17 Mar 2025 10:25

Instrument :
BNA_N
ClientSampleId :
PB167128BL

Tgt Ion:244 Resp: 3299

Ion	Ratio	Lower	Upper
244	100		
212	13.3	9.6	14.4
122	17.3	13.9	20.9





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.557 min Scan# 2778
Delta R.T. 0.003 min
Lab File: BN036652.D
Acq: 17 Mar 2025 10:25

Tgt Ion:264 Resp: 3328

Ion	Ratio	Lower	Upper
264	100		
260	27.3	22.6	33.8
265	102.6	88.1	132.1