Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050825\
Data File : BN036973.D
Acq On : 08 May 2025 15:04
Operator : RC/JU
Sample : PB167915BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167915BL

Quant Time: May 08 15:33:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:35:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.625	152	1580	0.400	ng	0.00
7) Naphthalene-d8	10.415	136	3771	0.400	ng	# 0.00
13) Acenaphthene-d10	14.277	164	2026	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	4065	0.400	ng	0.00
29) Chrysene-d12	21.215	240	3603	0.400	ng	0.00
35) Perylene-d12	23.421	264	3531	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.220	112	1378	0.341	ng	0.00
5) Phenol-d6	6.809	99	1504	0.302	ng	0.00
8) Nitrobenzene-d5	8.781	82	1245	0.316	ng	0.00
11) 2-Methylnaphthalene-d10	12.016	152	1668	0.316	ng	0.00
14) 2,4,6-Tribromophenol	15.780	330	206	0.228	ng	0.01
15) 2-Fluorobiphenyl	12.904	172	3042	0.311	ng	0.00
27) Fluoranthene-d10	19.059	212	3843	0.365	ng	0.00
31) Terphenyl-d14	19.663	244	2733	0.321	ng	0.00
Target Compounds						Qvalue

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

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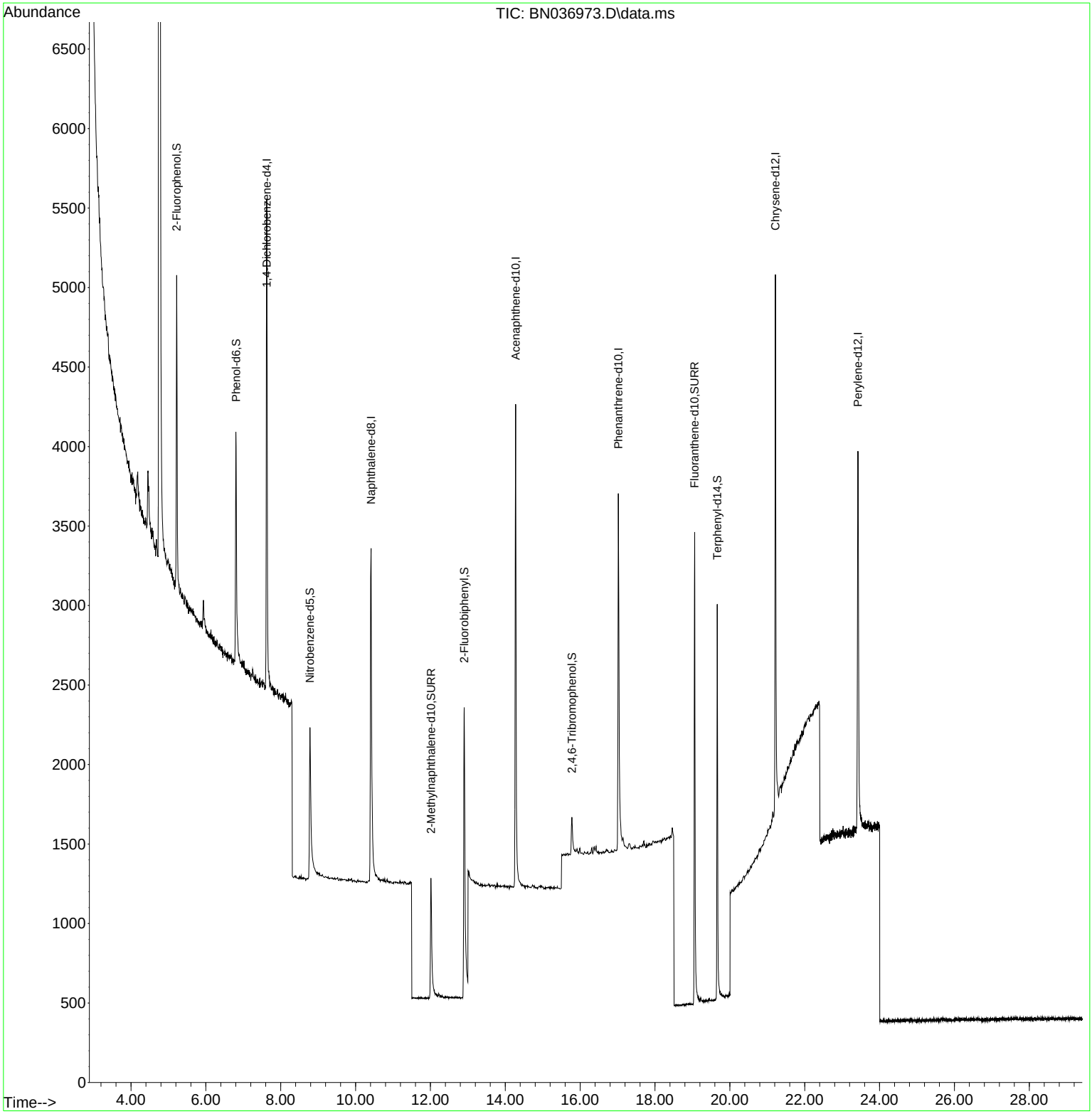
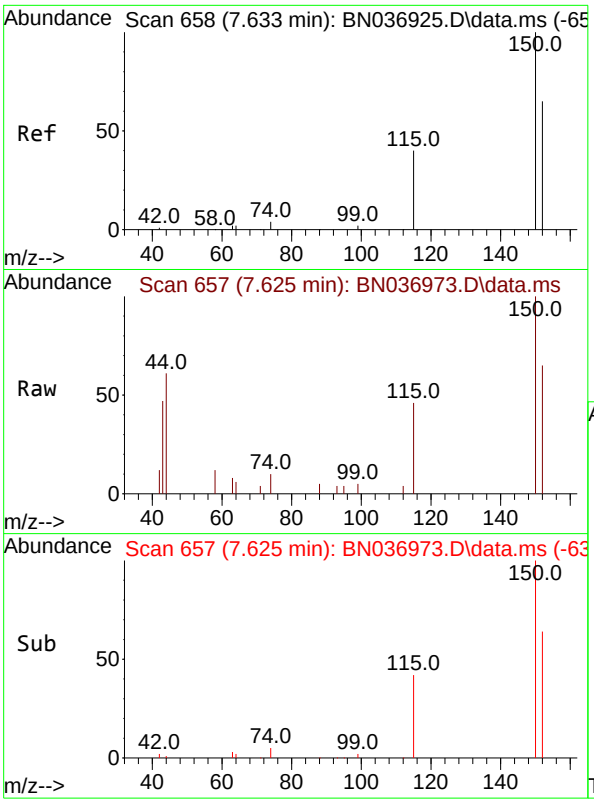


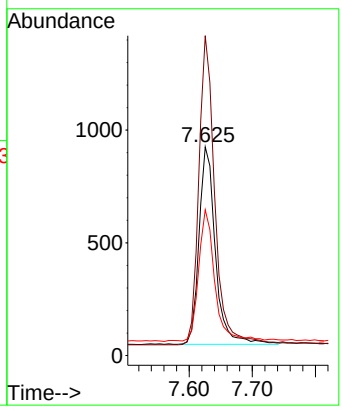


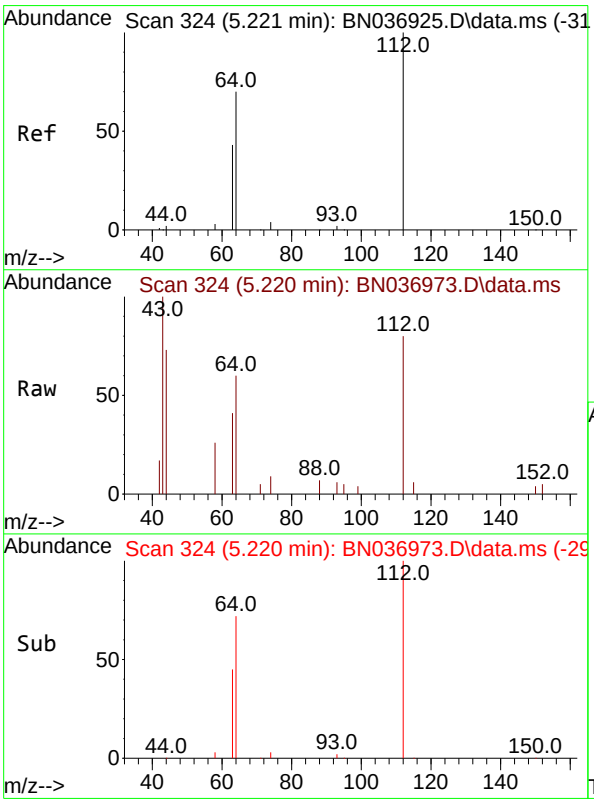
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.625 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Instrument :
BNA_N
ClientSampleId :
PB167915BL

Tgt Ion:152 Resp: 1580

Ion	Ratio	Lower	Upper
152	100		
150	153.2	121.1	181.7
115	69.9	51.8	77.6

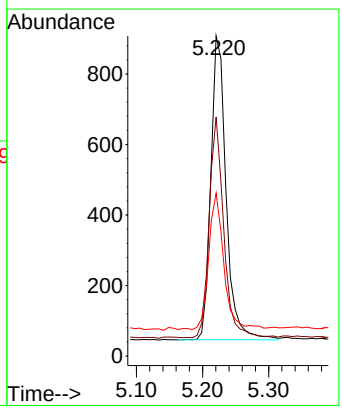


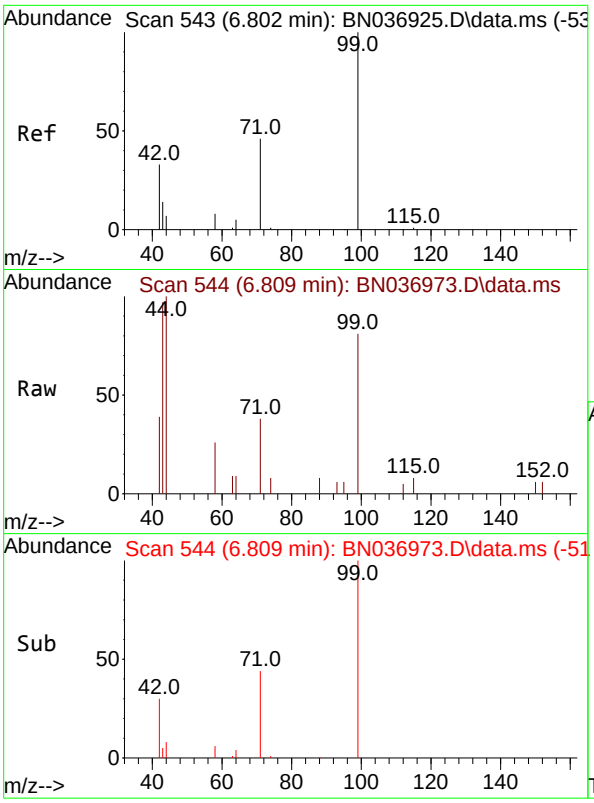


#4
2-Fluorophenol
Concen: 0.341 ng
RT: 5.220 min Scan# 324
Delta R.T. -0.000 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Tgt Ion:112 Resp: 1378

Ion	Ratio	Lower	Upper
112	100		
64	69.4	55.7	83.5
63	43.0	33.9	50.9



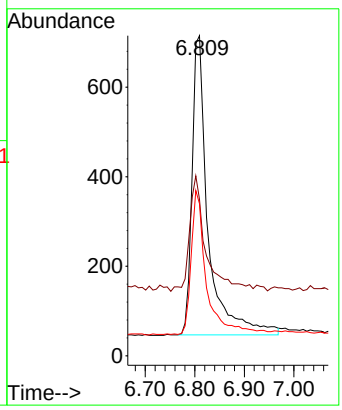


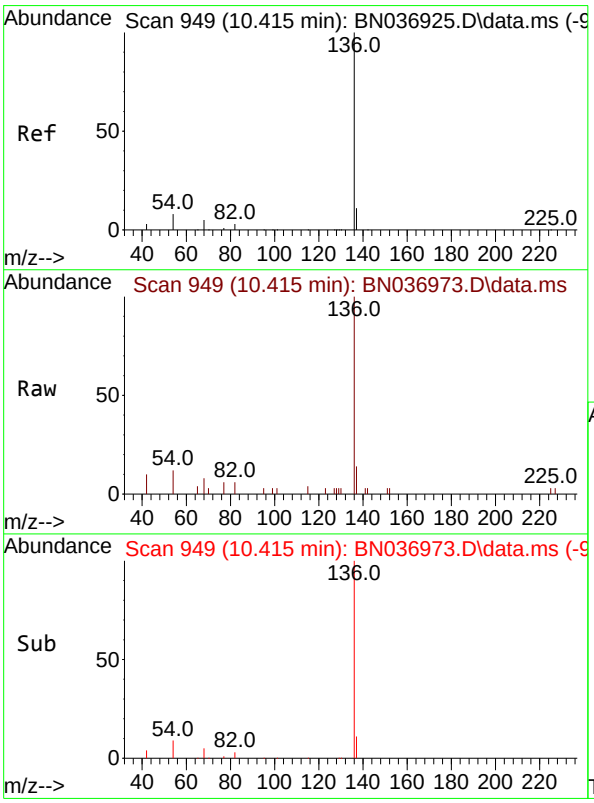
#5
Phenol-d6
Concen: 0.302 ng
RT: 6.809 min Scan# 54
Delta R.T. 0.007 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Instrument :
BNA_N
ClientSampleId :
PB167915BL

Tgt Ion: 99 Resp: 1504

Ion	Ratio	Lower	Upper
99	100		
42	39.2	29.6	44.4
71	45.9	36.0	54.0

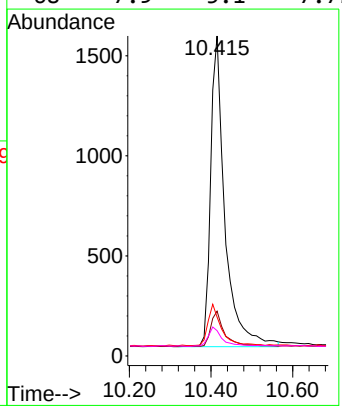


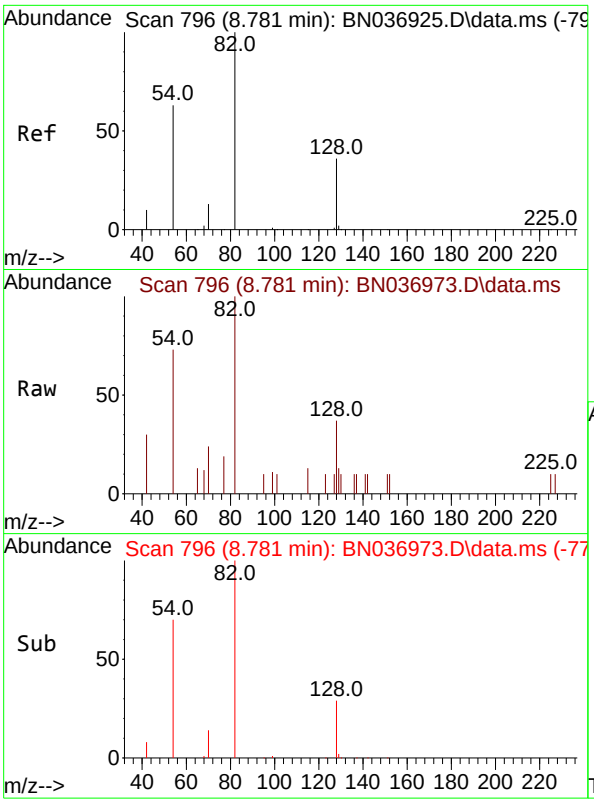


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.415 min Scan# 949
Delta R.T. -0.000 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Tgt Ion:136 Resp: 3771

Ion	Ratio	Lower	Upper
136	100		
137	14.0	9.7	14.5
54	12.1	8.0	12.0#
68	7.9	5.1	7.7#



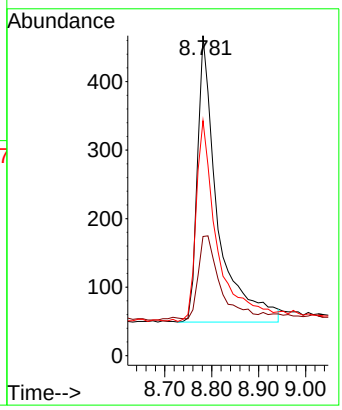


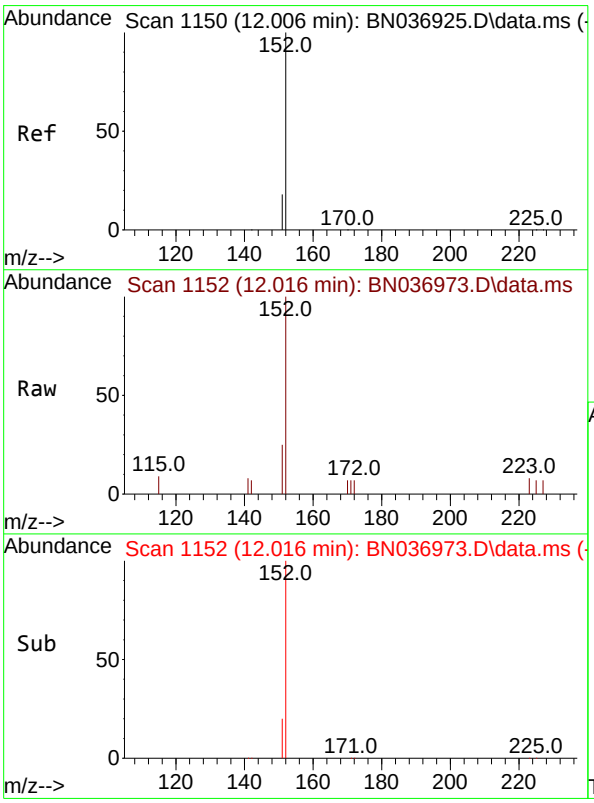
#8
Nitrobenzene-d5
Concen: 0.316 ng
RT: 8.781 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Instrument :
BNA_N
ClientSampleId :
PB167915BL

Tgt Ion: 82 Resp: 1245

Ion	Ratio	Lower	Upper
82	100		
128	37.3	30.7	46.1
54	73.4	52.1	78.1

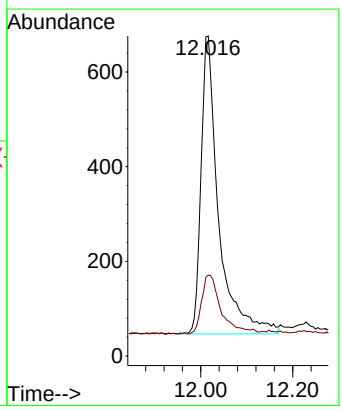


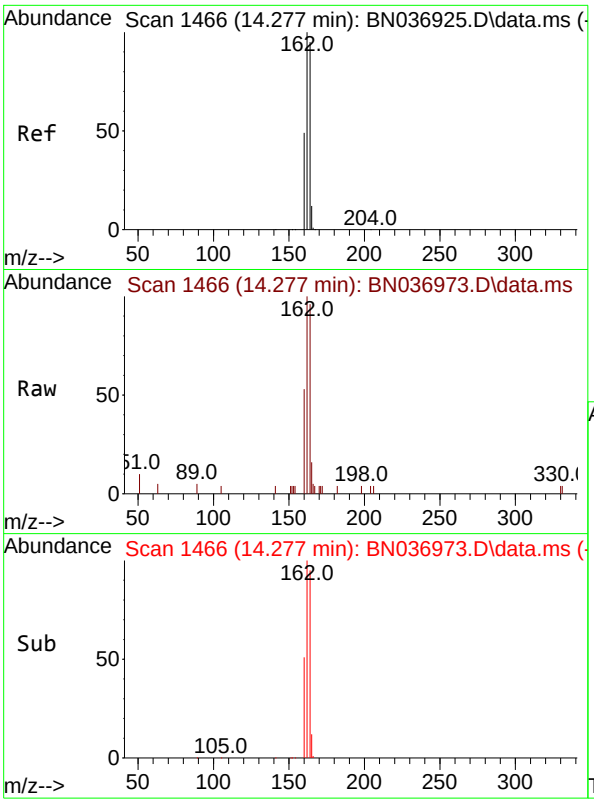


#11
2-Methylnaphthalene-d10
Concen: 0.316 ng
RT: 12.016 min Scan# 1152
Delta R.T. 0.010 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Tgt Ion:152 Resp: 1668

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.9	25.3



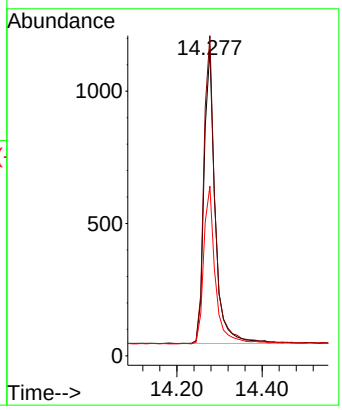


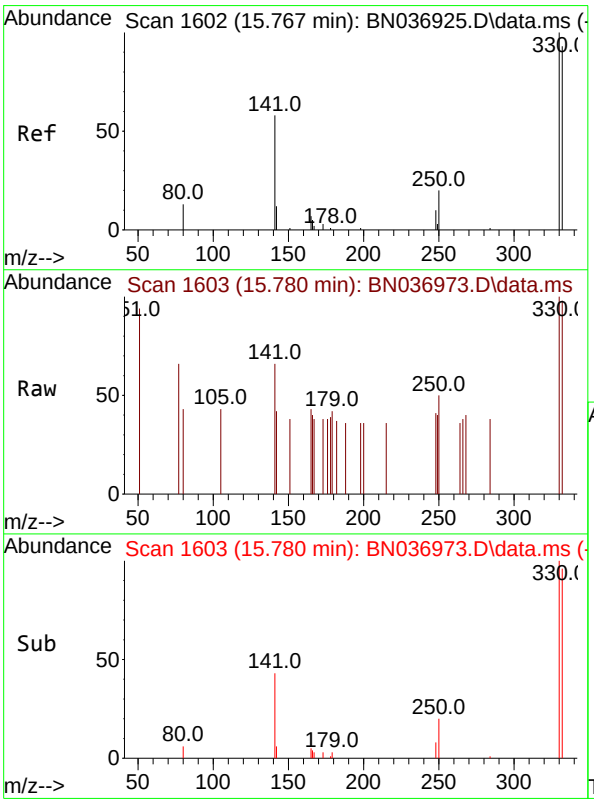
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.277 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Instrument :
BNA_N
ClientSampleId :
PB167915BL

Tgt Ion:164 Resp: 2026

Ion	Ratio	Lower	Upper
164	100		
162	104.5	83.8	125.8
160	55.4	42.0	63.0

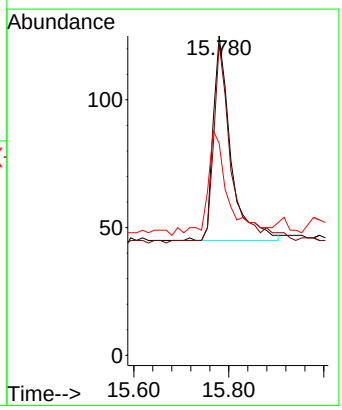


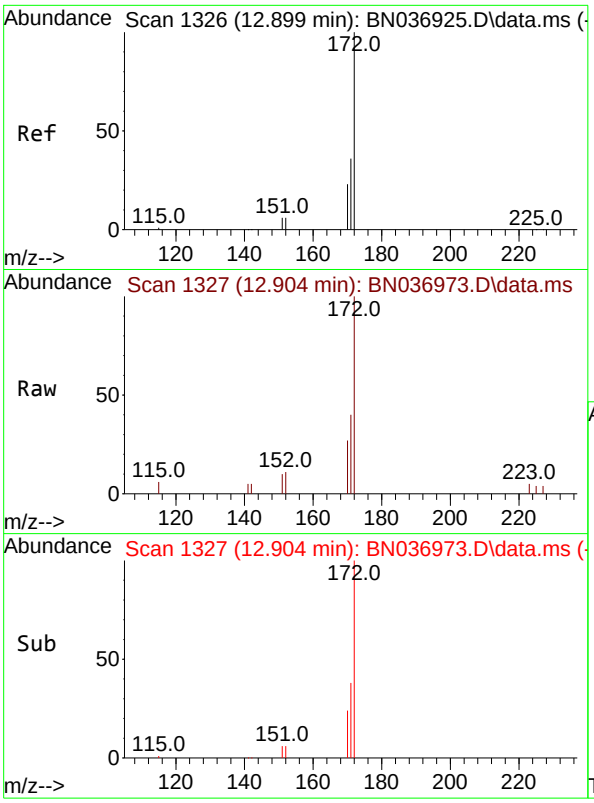


#14
2,4,6-Tribromophenol
Concen: 0.228 ng
RT: 15.780 min Scan# 1603
Delta R.T. 0.012 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Tgt Ion:330 Resp: 206

Ion	Ratio	Lower	Upper
330	100		
332	92.2	76.3	114.5
141	59.2	45.4	68.2



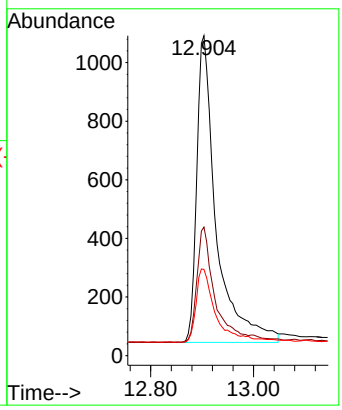


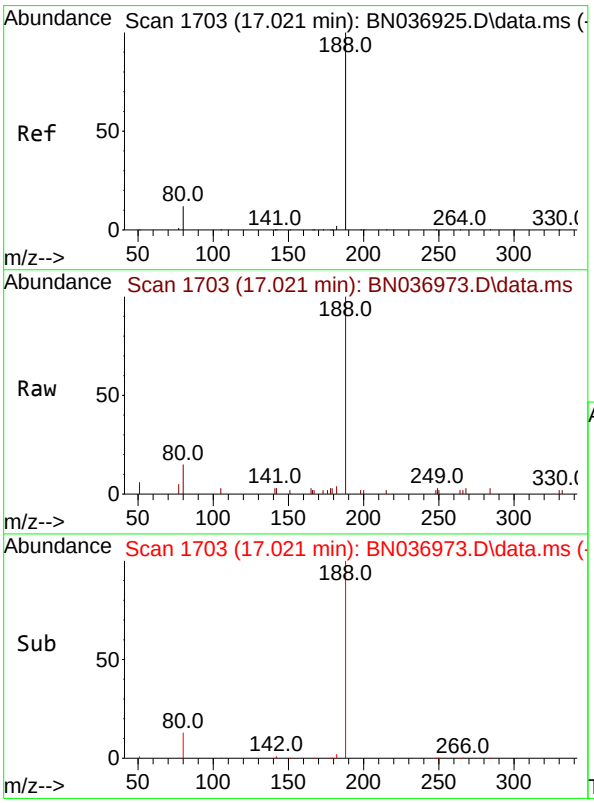
#15
2-Fluorobiphenyl
Concen: 0.311 ng
RT: 12.904 min Scan# 1
Delta R.T. 0.005 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Instrument :
BNA_N
ClientSampleId :
PB167915BL

Tgt Ion:172 Resp: 3042

Ion	Ratio	Lower	Upper
172	100		
171	40.2	29.4	44.0
170	26.9	19.4	29.0

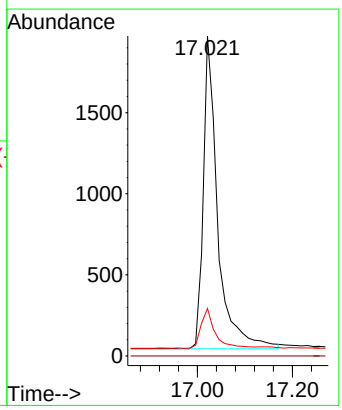


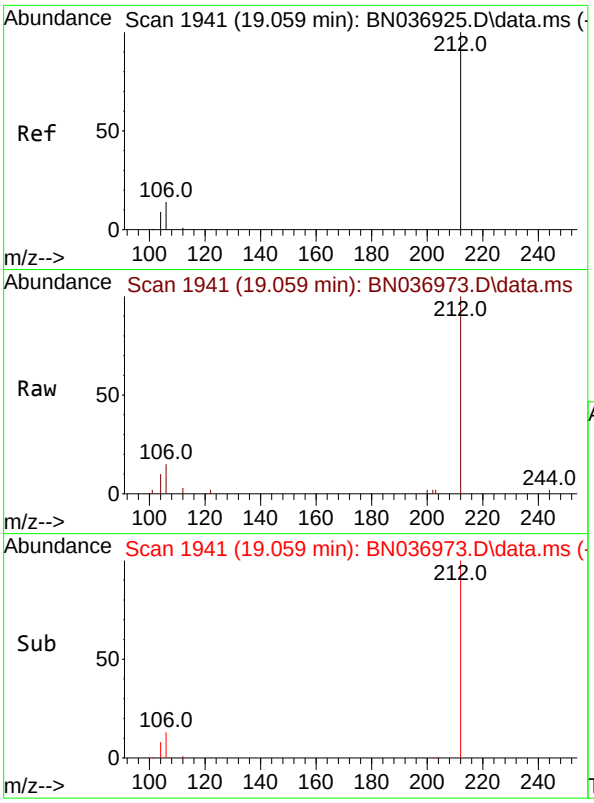


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.021 min Scan# 1703
Delta R.T. -0.000 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Tgt Ion:188 Resp: 4065

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.9	10.7	16.1



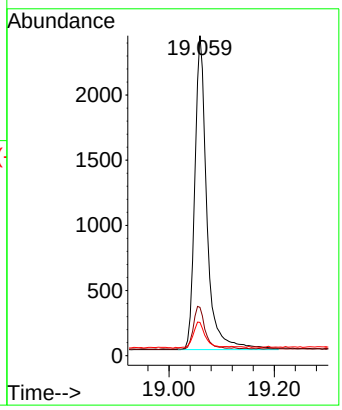


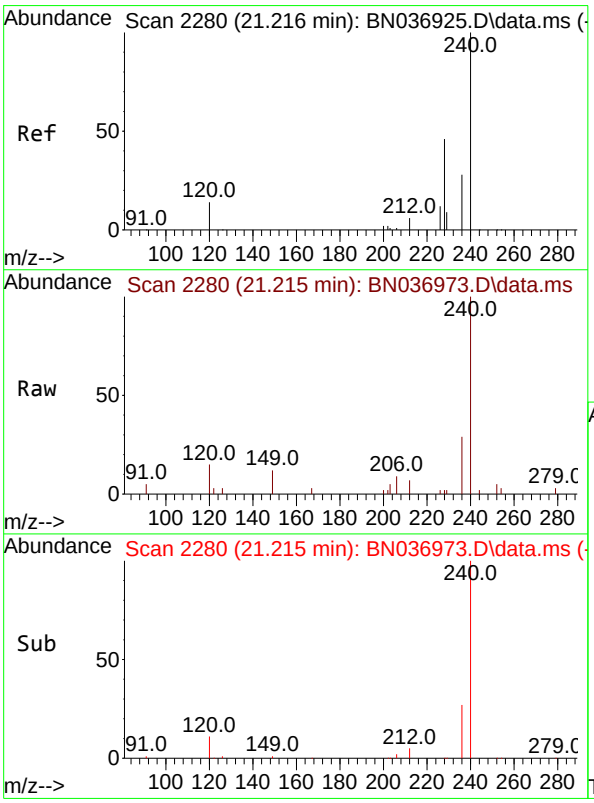
#27
Fluoranthene-d10
Concen: 0.365 ng
RT: 19.059 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Instrument :
BNA_N
ClientSampleId :
PB167915BL

Tgt Ion:212 Resp: 3843

Ion	Ratio	Lower	Upper
212	100		
106	13.2	11.6	17.4
104	8.4	7.0	10.4

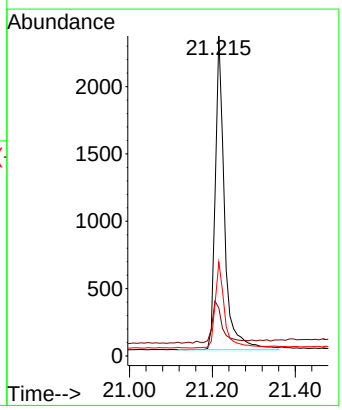


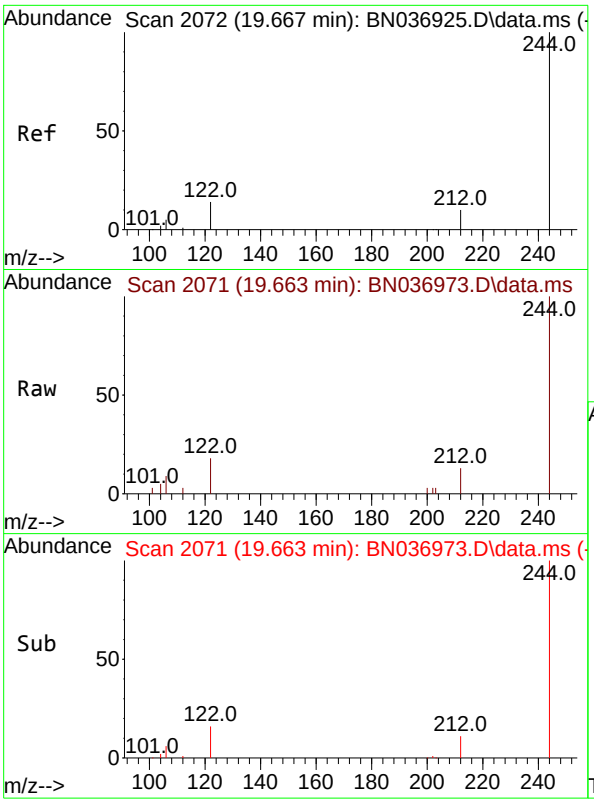


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.215 min Scan# 2280
Delta R.T. -0.000 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Tgt Ion:240 Resp: 3603

Ion	Ratio	Lower	Upper
240	100		
120	15.0	14.1	21.1
236	29.4	23.8	35.8



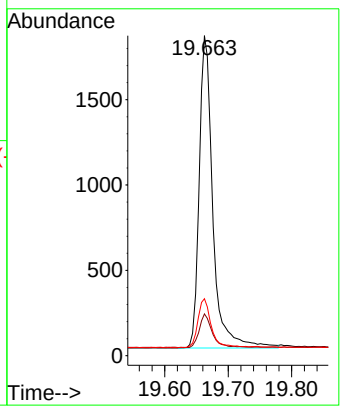


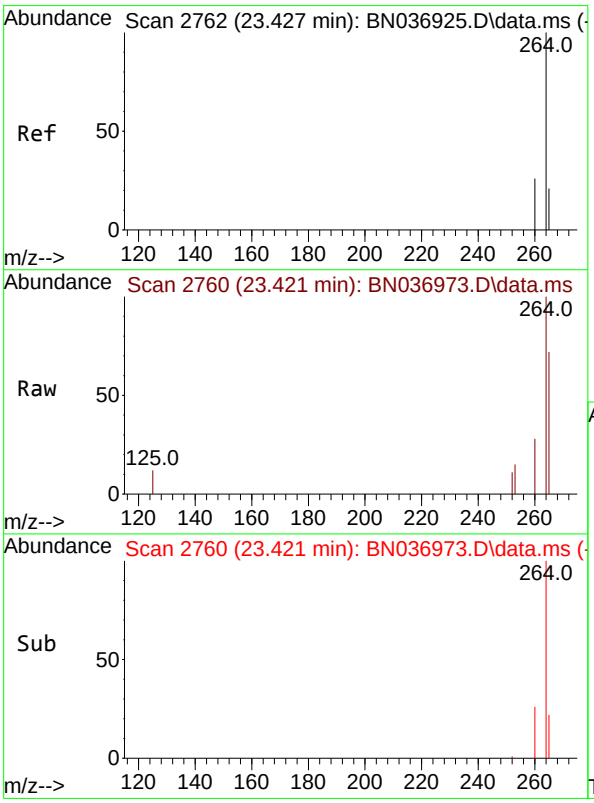
#31
Terphenyl-d14
Concen: 0.321 ng
RT: 19.663 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Instrument :
BNA_N
ClientSampleId :
PB167915BL

Tgt Ion:244 Resp: 2733

Ion	Ratio	Lower	Upper
244	100		
212	13.1	9.6	14.4
122	17.8	12.7	19.1





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.421 min Scan# 2760
Delta R.T. -0.006 min
Lab File: BN036973.D
Acq: 08 May 2025 15:04

Tgt Ion:264 Resp: 3531

Ion	Ratio	Lower	Upper
264	100		
260	28.2	22.2	33.2
265	72.3	65.8	98.6