Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010625\
Data File : BN035890.D
Acq On : 06 Jan 2025 10:41
Operator : RC/JU
Sample : PB165947BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165947BL

Quant Time: Jan 06 11:13:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	1890	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	3618	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	1759	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	3309	0.400	ng	#-0.01
29) Chrysene-d12	21.385	240	2801	0.400	ng	# 0.00
35) Perylene-d12	23.686	264	3280	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	1490	0.321	ng	0.00
5) Phenol-d6	6.987	99	1830	0.318	ng	0.00
8) Nitrobenzene-d5	8.977	82	1177	0.411	ng	0.00
11) 2-Methylnaphthalene-d10	12.218	152	1919	0.396	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	229	0.271	ng	-0.01
15) 2-Fluorobiphenyl	13.094	172	3030	0.393	ng	0.00
27) Fluoranthene-d10	19.234	212	3334	0.406	ng	0.00
31) Terphenyl-d14	19.834	244	2384	0.427	ng	0.00
Target Compounds						Qvalue

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

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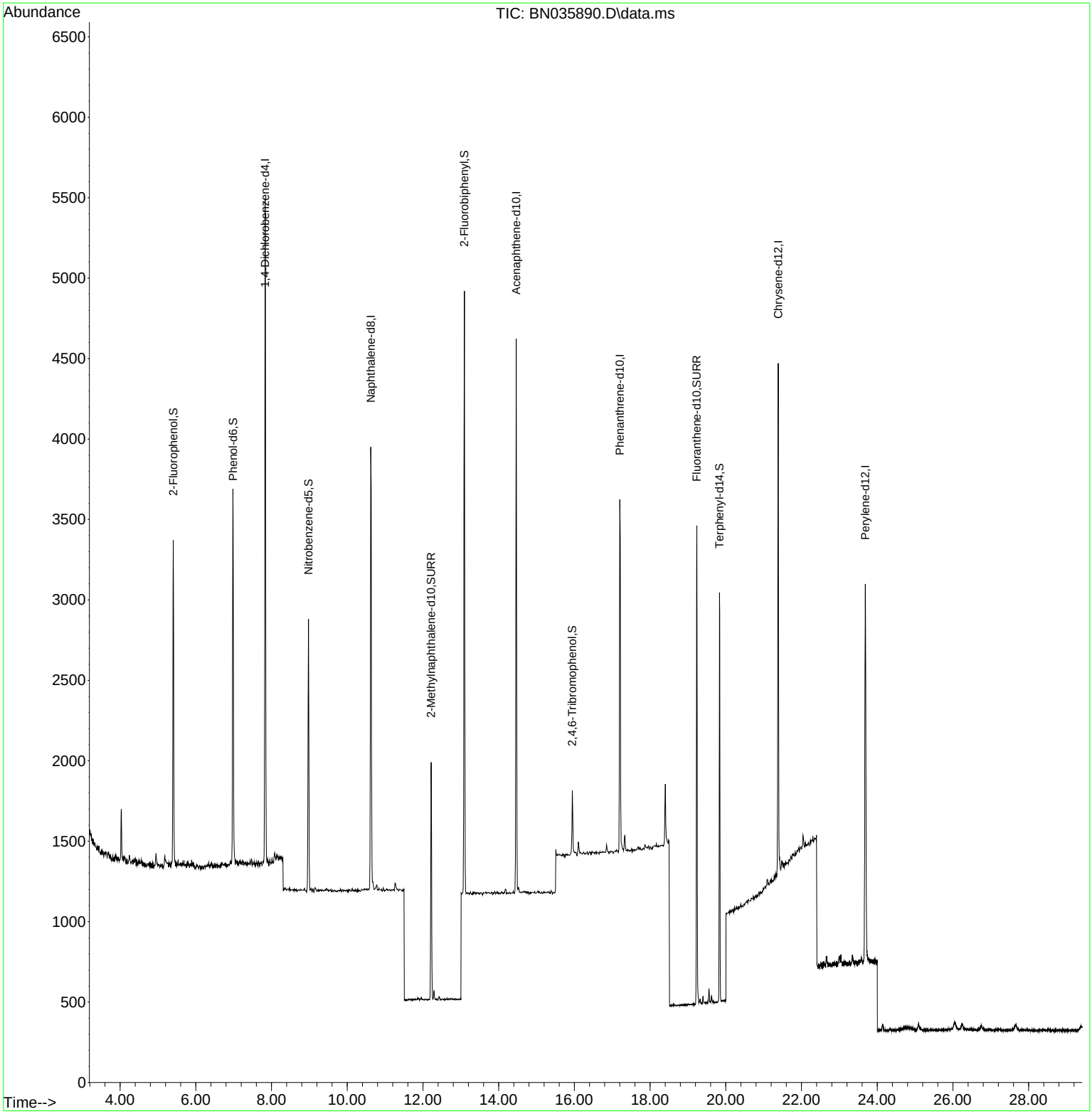
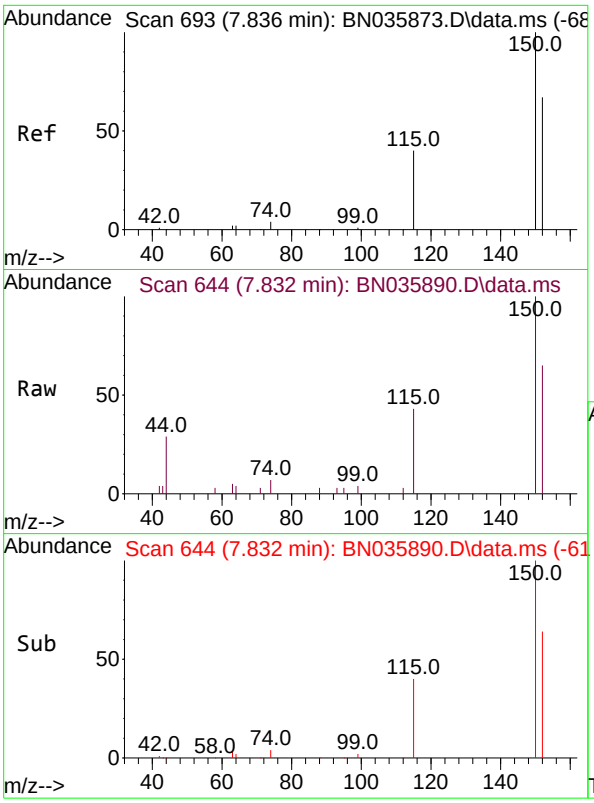
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration



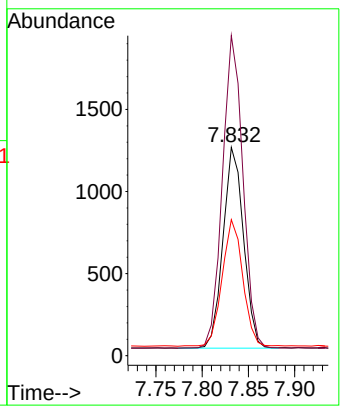


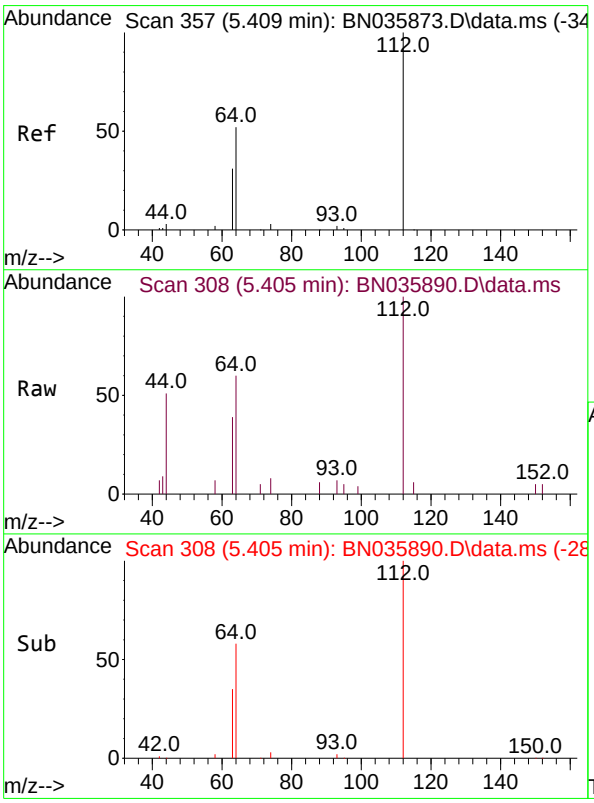
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.832 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Instrument :
BNA_N
ClientSampleId :
PB165947BL

Tgt Ion:152 Resp: 1890

Ion	Ratio	Lower	Upper
152	100		
150	153.6	117.8	176.6
115	65.3	51.0	76.4

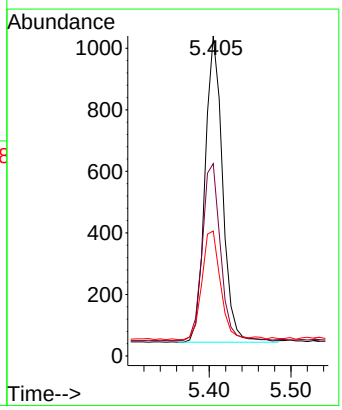


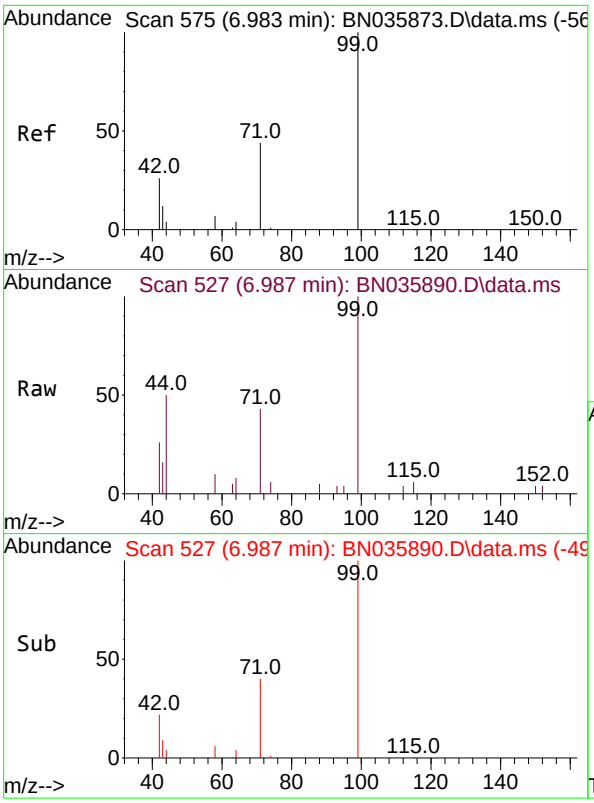


#4
2-Fluorophenol
Concen: 0.321 ng
RT: 5.405 min Scan# 308
Delta R.T. -0.004 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Tgt Ion:112 Resp: 1490

Ion	Ratio	Lower	Upper
112	100		
64	59.7	48.2	72.2
63	38.0	30.0	45.0



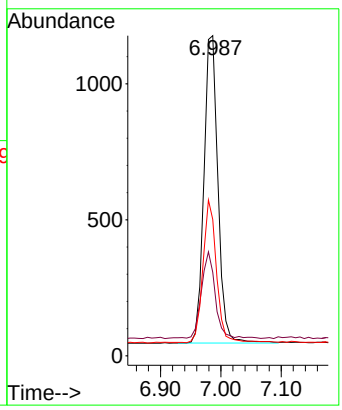


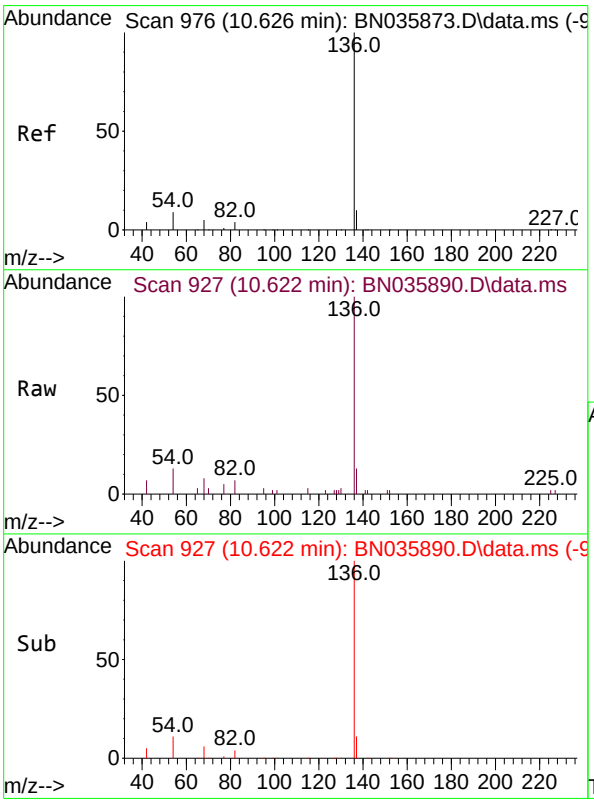
#5
Phenol-d6
Concen: 0.318 ng
RT: 6.987 min Scan# 5
Delta R.T. 0.003 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Instrument :
BNA_N
ClientSampleId :
PB165947BL

Tgt Ion: 99 Resp: 1830

Ion	Ratio	Lower	Upper
99	100		
42	28.4	23.5	35.3
71	44.6	35.5	53.3

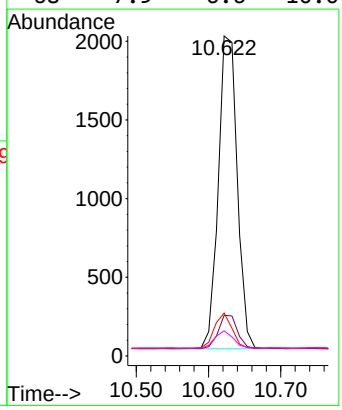


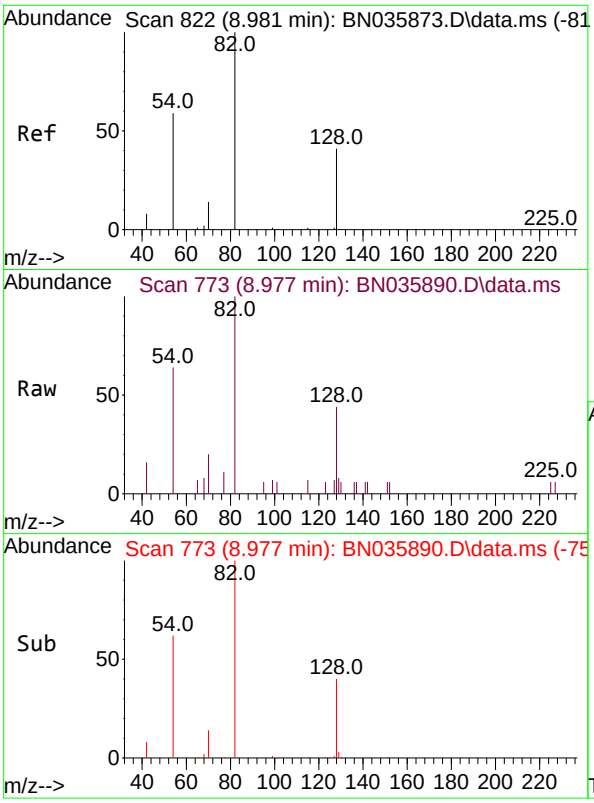


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 927
Delta R.T. -0.004 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Tgt Ion:136 Resp: 3618

Ion	Ratio	Lower	Upper
136	100		
137	12.7	10.6	15.8
54	13.4	9.8	14.6
68	7.9	6.6	10.0



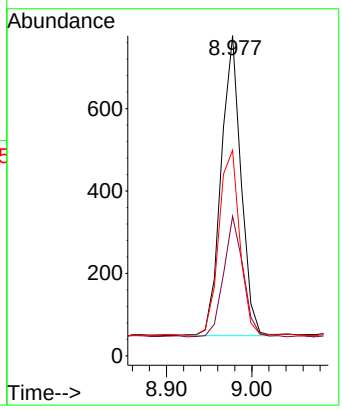


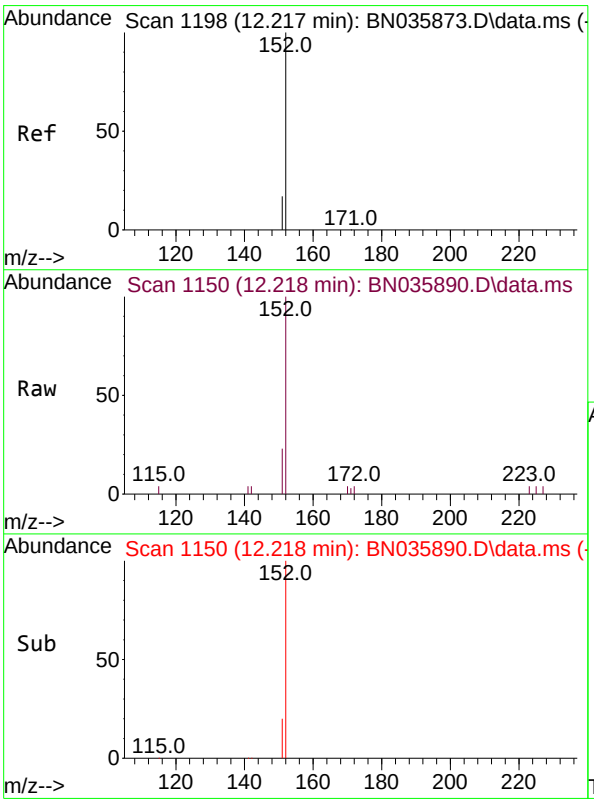
#8
Nitrobenzene-d5
Concen: 0.411 ng
RT: 8.977 min Scan# 7
Delta R.T. -0.004 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Instrument :
BNA_N
ClientSampleId :
PB165947BL

Tgt Ion: 82 Resp: 1177

Ion	Ratio	Lower	Upper
82	100		
128	43.6	36.9	55.3
54	64.2	50.4	75.6

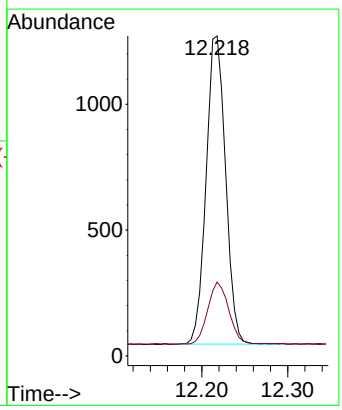


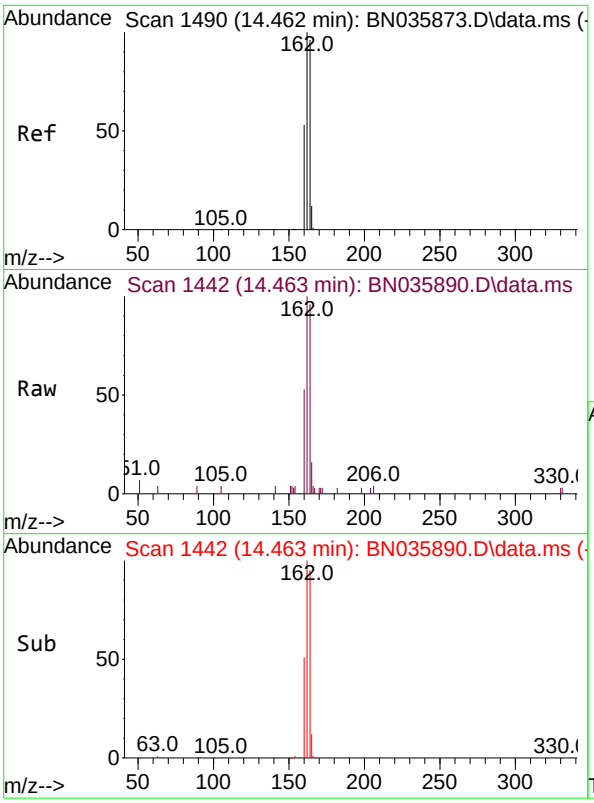


#11
2-Methylnaphthalene-d10
Concen: 0.396 ng
RT: 12.218 min Scan# 1150
Delta R.T. 0.001 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Tgt Ion:152 Resp: 1919

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.0	25.6



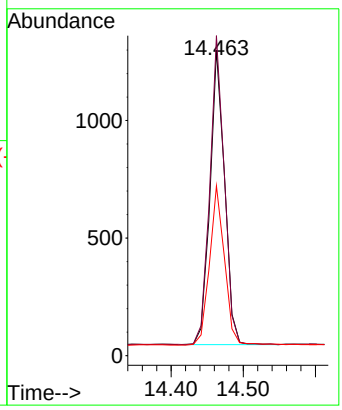


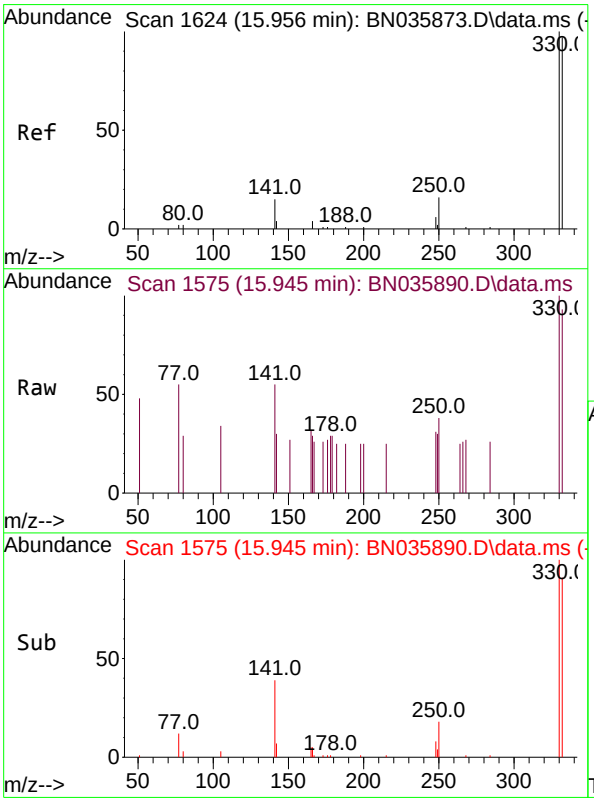
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Instrument :
BNA_N
ClientSampleId :
PB165947BL

Tgt Ion:164 Resp: 1759

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.1	124.7
160	55.5	46.0	69.0

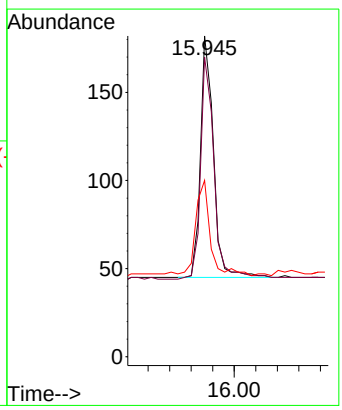


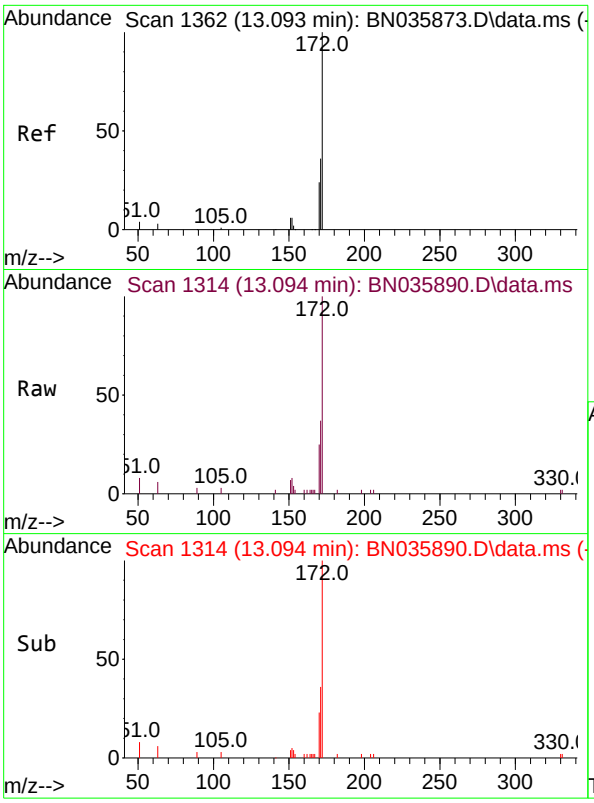


#14
2,4,6-Tribromophenol
Concen: 0.271 ng
RT: 15.945 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Tgt Ion:330 Resp: 229

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.2	115.8
141	40.6	31.6	47.4



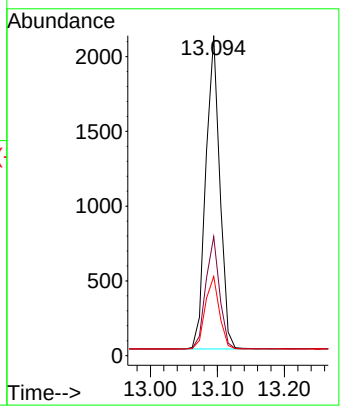


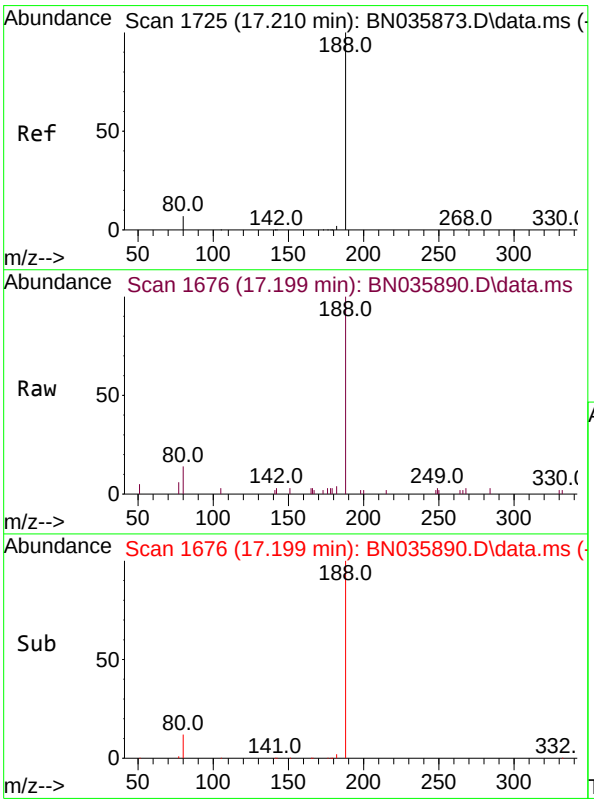
#15
2-Fluorobiphenyl
Concen: 0.393 ng
RT: 13.094 min Scan# 1
Delta R.T. 0.001 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Instrument :
BNA_N
ClientSampleId :
PB165947BL

Tgt Ion:172 Resp: 3030

Ion	Ratio	Lower	Upper
172	100		
171	37.2	30.5	45.7
170	24.8	20.8	31.2

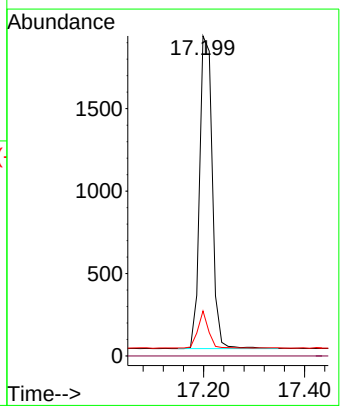


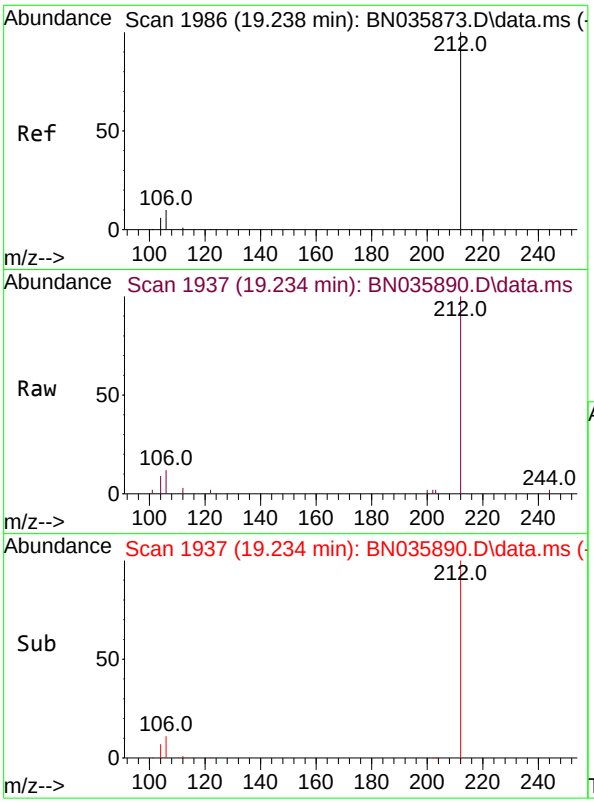


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.199 min Scan# 1676
Delta R.T. -0.011 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Tgt Ion:188 Resp: 3309

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.1	7.3	10.9#



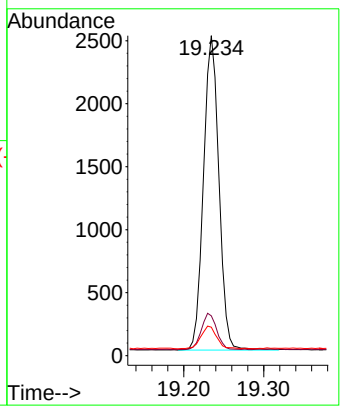


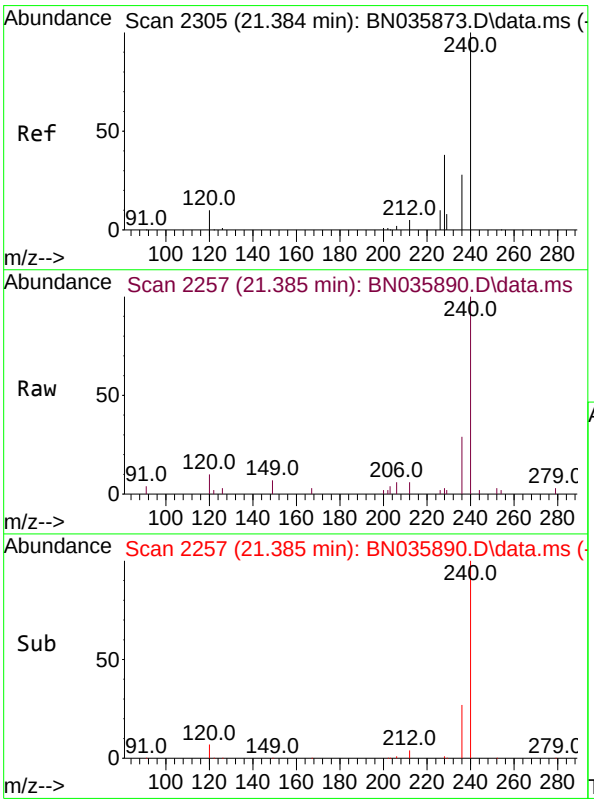
#27
Fluoranthene-d10
Concen: 0.406 ng
RT: 19.234 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Instrument :
BNA_N
ClientSampleId :
PB165947BL

Tgt Ion:212 Resp: 3334

Ion	Ratio	Lower	Upper
212	100		
106	11.6	9.0	13.6
104	7.4	5.4	8.2

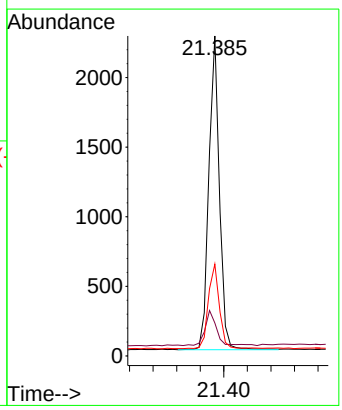


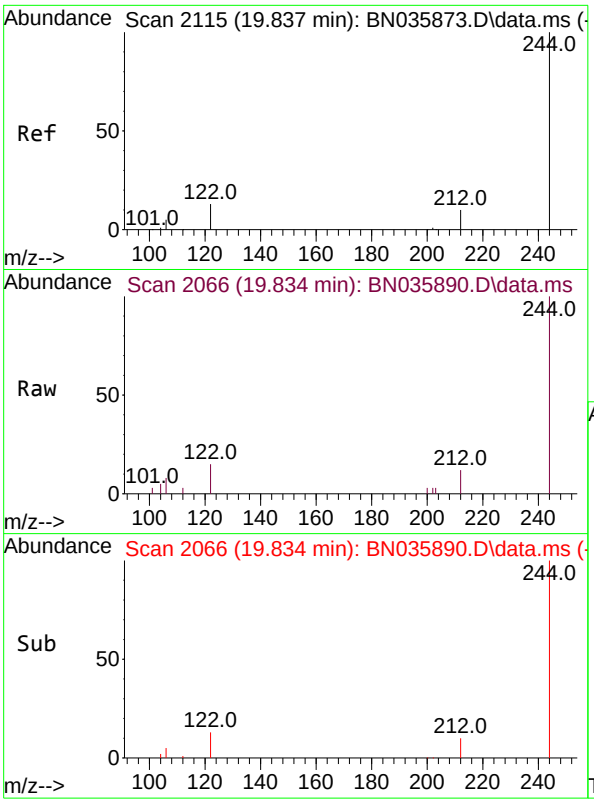


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.385 min Scan# 2257
Delta R.T. 0.001 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Tgt Ion:240 Resp: 2801

Ion	Ratio	Lower	Upper
240	100		
120	10.3	11.1	16.7#
236	28.7	24.6	36.8



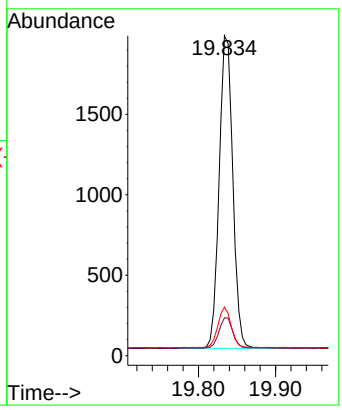


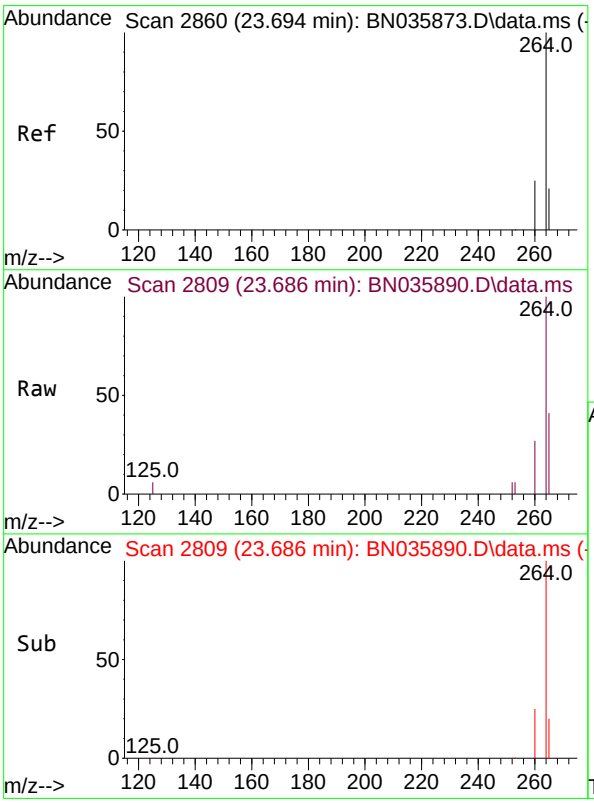
#31
Terphenyl-d14
Concen: 0.427 ng
RT: 19.834 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Instrument :
BNA_N
ClientSampleId :
PB165947BL

Tgt Ion:244 Resp: 2384

Ion	Ratio	Lower	Upper
244	100		
212	11.8	10.1	15.1
122	15.2	12.2	18.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.686 min Scan# 2809
Delta R.T. -0.008 min
Lab File: BN035890.D
Acq: 06 Jan 2025 10:41

Tgt Ion:264 Resp: 3280

Ion	Ratio	Lower	Upper
264	100		
260	27.3	21.7	32.5
265	40.9	33.9	50.9