Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011525\
Data File : BN035927.D
Acq On : 15 Jan 2025 11:03
Operator : RC/JU
Sample : PB166053BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166053BL

Quant Time: Jan 15 11:51:25 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	922	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	1746	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	846	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	1699	0.400	ng	-0.01
29) Chrysene-d12	21.376	240	1454	0.400	ng	0.00
35) Perylene-d12	23.678	264	1672	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	910	0.402	ng	0.00
5) Phenol-d6	6.979	99	1060	0.377	ng	0.00
8) Nitrobenzene-d5	8.967	82	760	0.550	ng	-0.01
11) 2-Methylnaphthalene-d10	12.208	152	1171	0.501	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	185	0.455	ng	-0.01
15) 2-Fluorobiphenyl	13.084	172	1884	0.508	ng	0.00
27) Fluoranthene-d10	19.225	212	2056	0.488	ng	-0.01
31) Terphenyl-d14	19.829	244	1504	0.519	ng	0.00
Target Compounds						Qvalue

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

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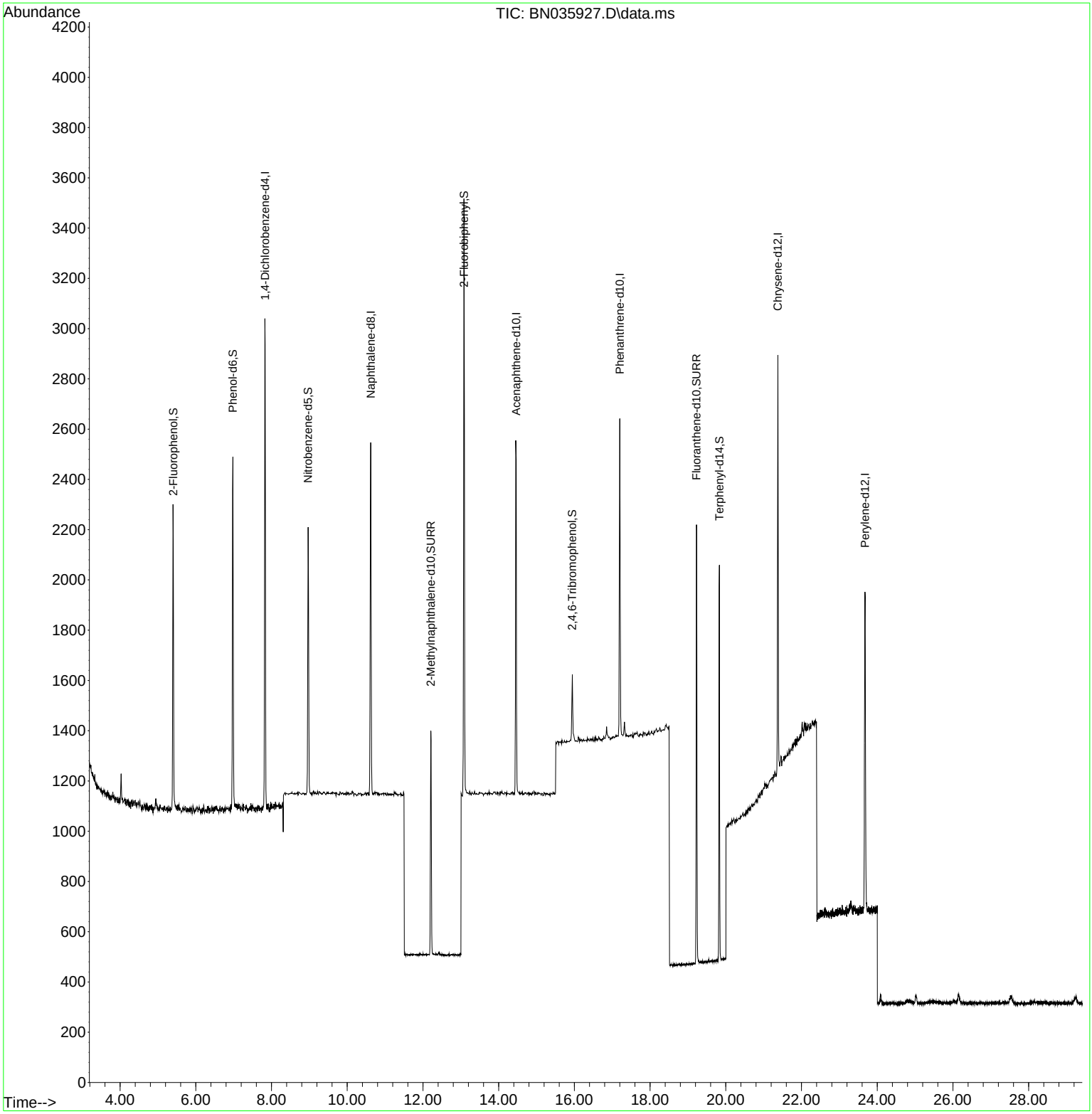
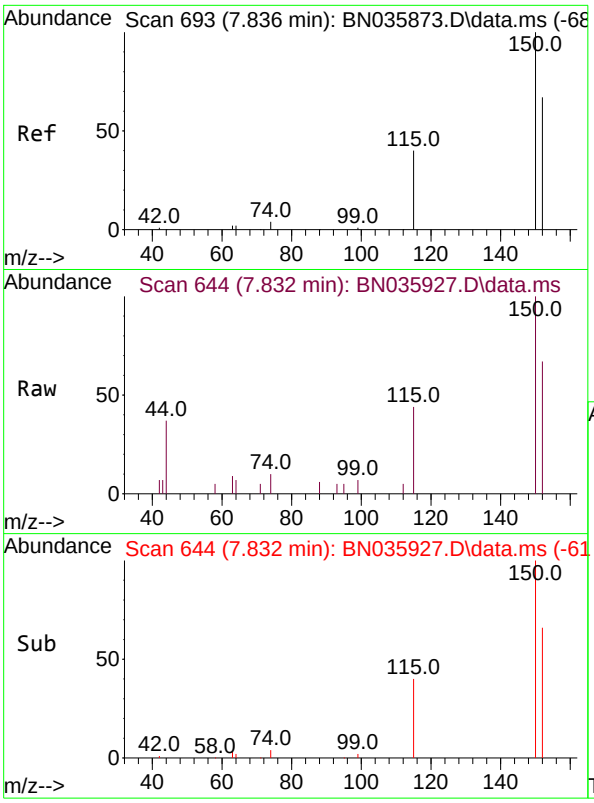
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration



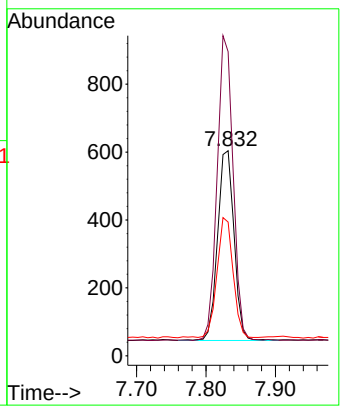


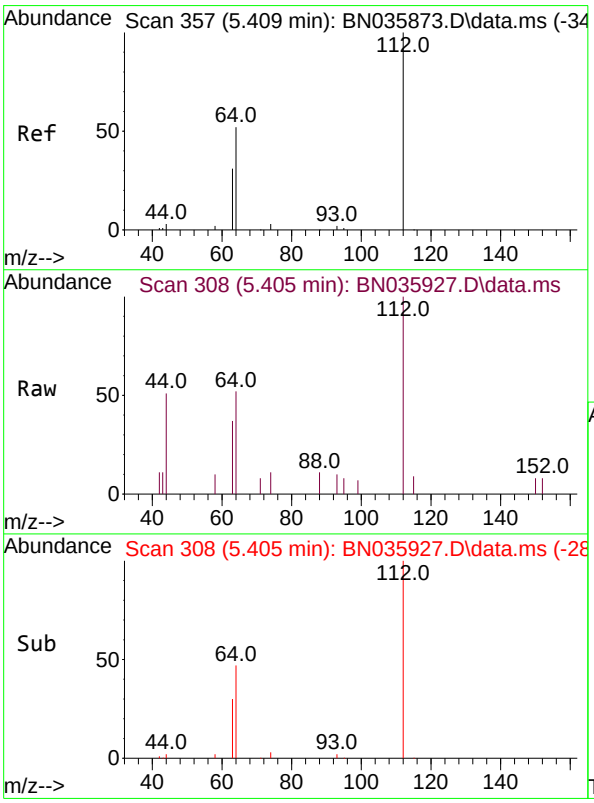
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.832 min Scan# 64
Delta R.T. -0.004 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Instrument :
BNA_N
ClientSampleId :
PB166053BL

Tgt Ion:152 Resp: 922

Ion	Ratio	Lower	Upper
152	100		
150	148.3	117.8	176.6
115	65.2	51.0	76.4

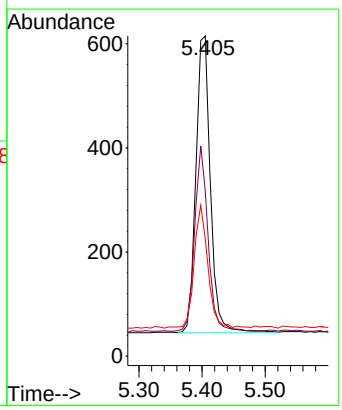


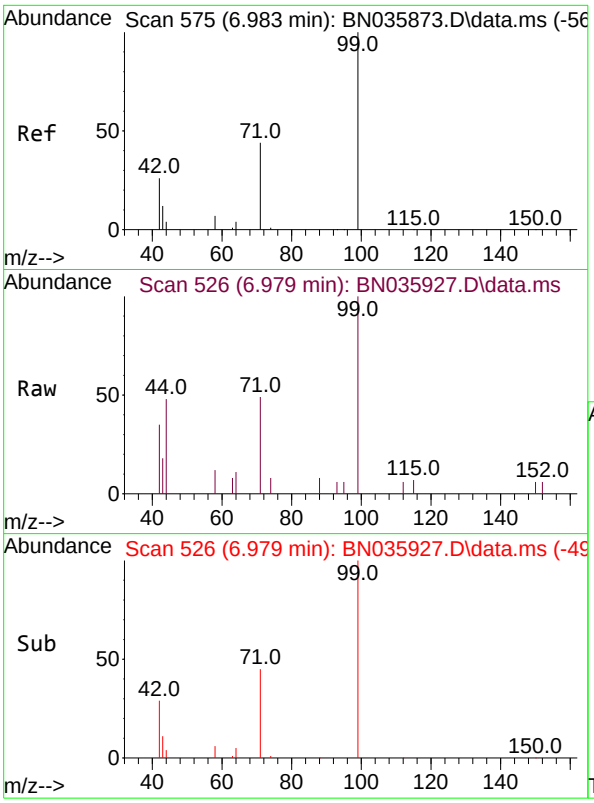


#4
2-Fluorophenol
Concen: 0.402 ng
RT: 5.405 min Scan# 308
Delta R.T. -0.004 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Tgt Ion:112 Resp: 910

Ion	Ratio	Lower	Upper
112	100		
64	57.5	48.2	72.2
63	39.3	30.0	45.0



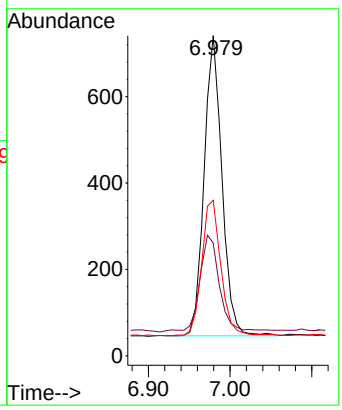


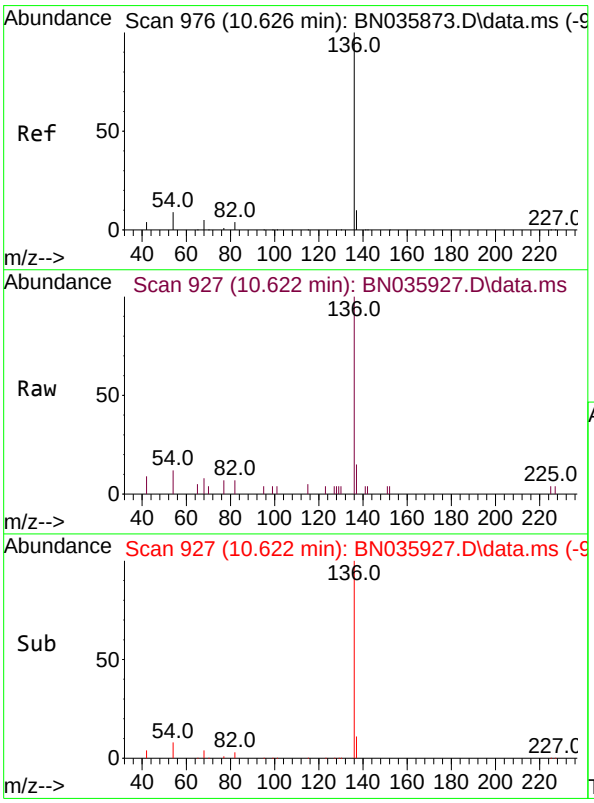
#5
Phenol-d6
Concen: 0.377 ng
RT: 6.979 min Scan# 5
Delta R.T. -0.004 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Instrument :
BNA_N
ClientSampleId :
PB166053BL

Tgt Ion: 99 Resp: 1060

Ion	Ratio	Lower	Upper
99	100		
42	36.2	23.5	35.3#
71	48.0	35.5	53.3

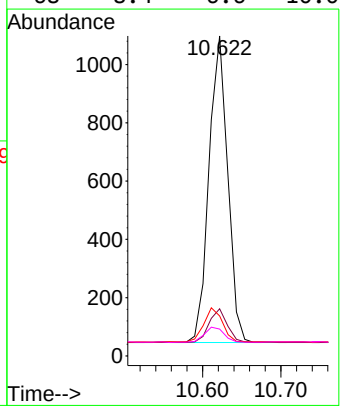


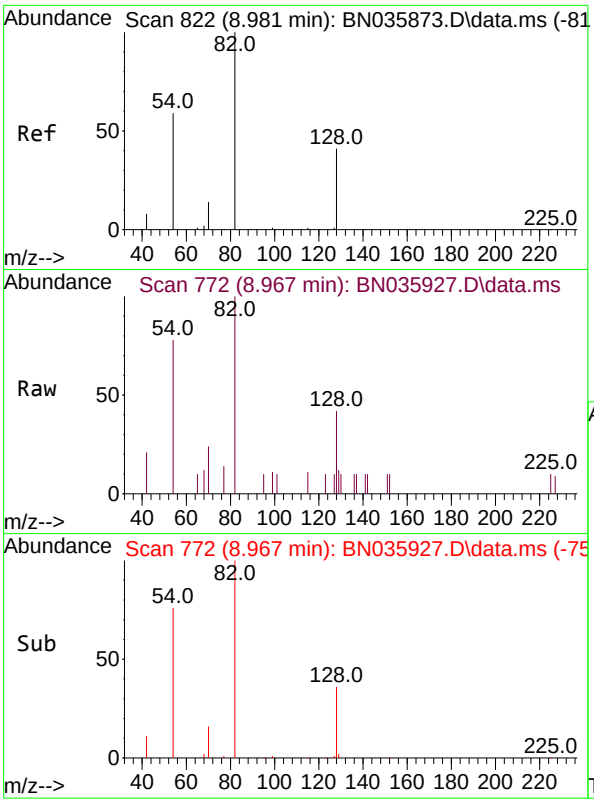


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.622 min Scan# 927
Delta R.T. -0.004 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Tgt Ion:136 Resp: 1746

Ion	Ratio	Lower	Upper
136	100		
137	14.8	10.6	15.8
54	12.5	9.8	14.6
68	8.4	6.6	10.0



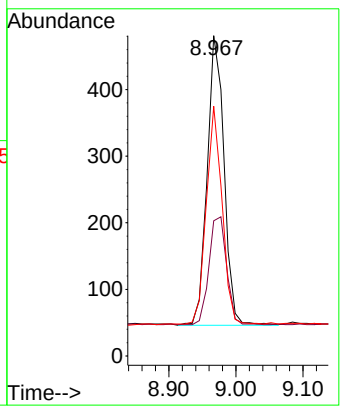


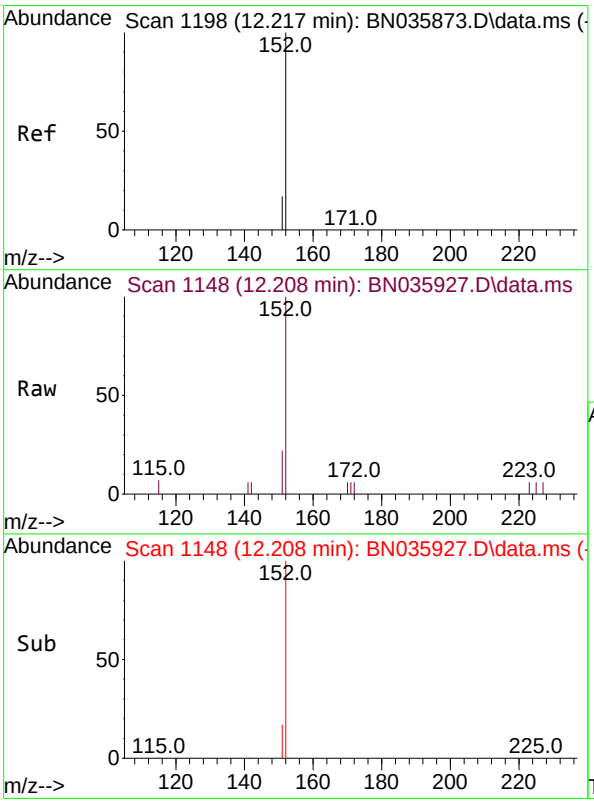
#8
Nitrobenzene-d5
Concen: 0.550 ng
RT: 8.967 min Scan# 7
Delta R.T. -0.015 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Instrument :
BNA_N
ClientSampleId :
PB166053BL

Tgt Ion: 82 Resp: 760

Ion	Ratio	Lower	Upper
82	100		
128	42.2	36.9	55.3
54	78.0	50.4	75.6#

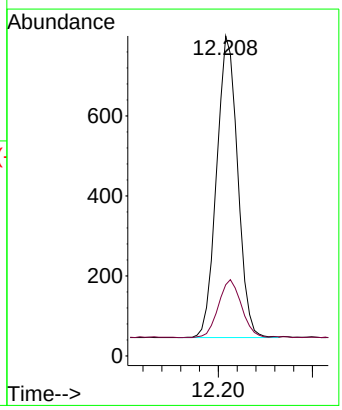


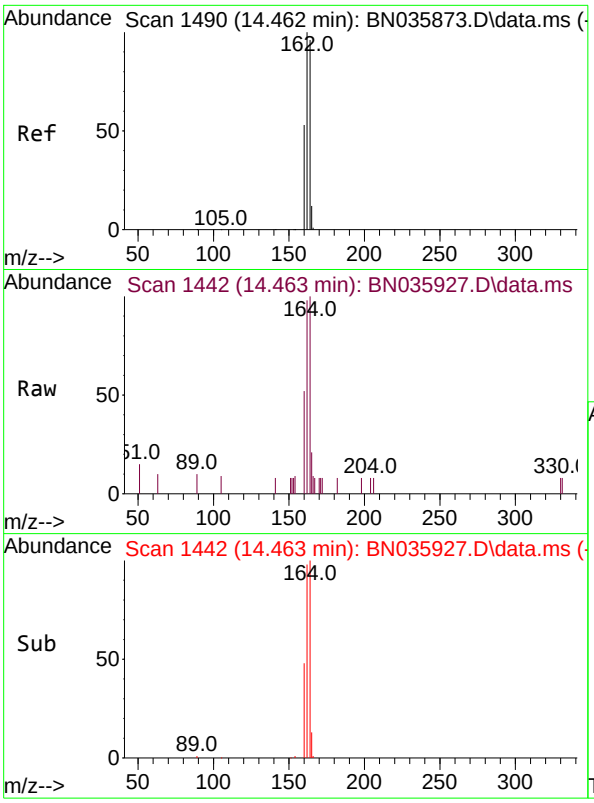


#11
2-Methylnaphthalene-d10
Concen: 0.501 ng
RT: 12.208 min Scan# 1148
Delta R.T. -0.009 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Tgt Ion:152 Resp: 1171

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6



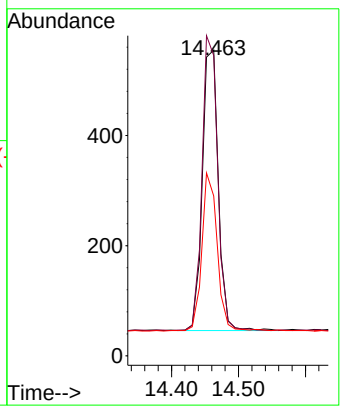


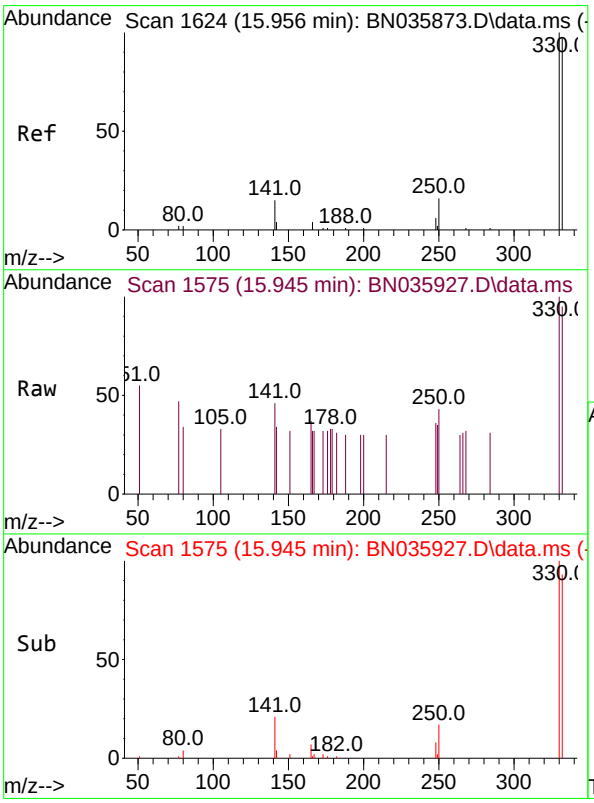
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.463 min Scan# 14
Delta R.T. 0.001 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Instrument :
BNA_N
ClientSampleId :
PB166053BL

Tgt Ion:164 Resp: 846

Ion	Ratio	Lower	Upper
164	100		
162	98.2	83.1	124.7
160	52.3	46.0	69.0

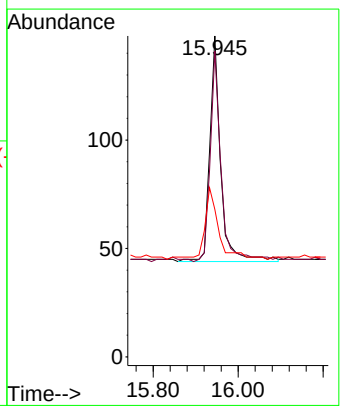


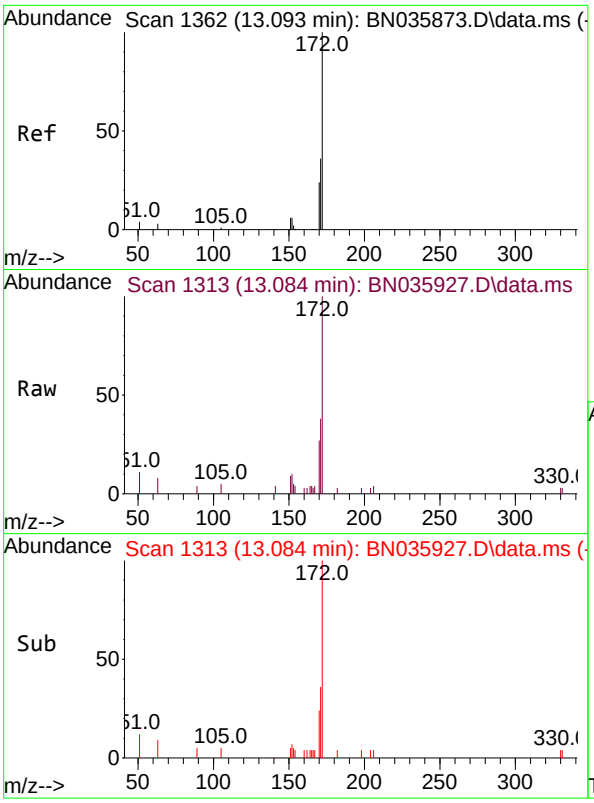


#14
2,4,6-Tribromophenol
Concen: 0.455 ng
RT: 15.945 min Scan# 1575
Delta R.T. -0.011 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Tgt Ion:330 Resp: 185

Ion	Ratio	Lower	Upper
330	100		
332	94.1	77.2	115.8
141	39.5	31.6	47.4



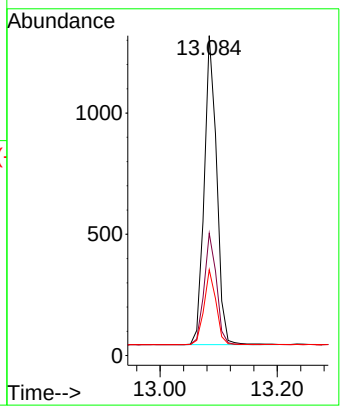


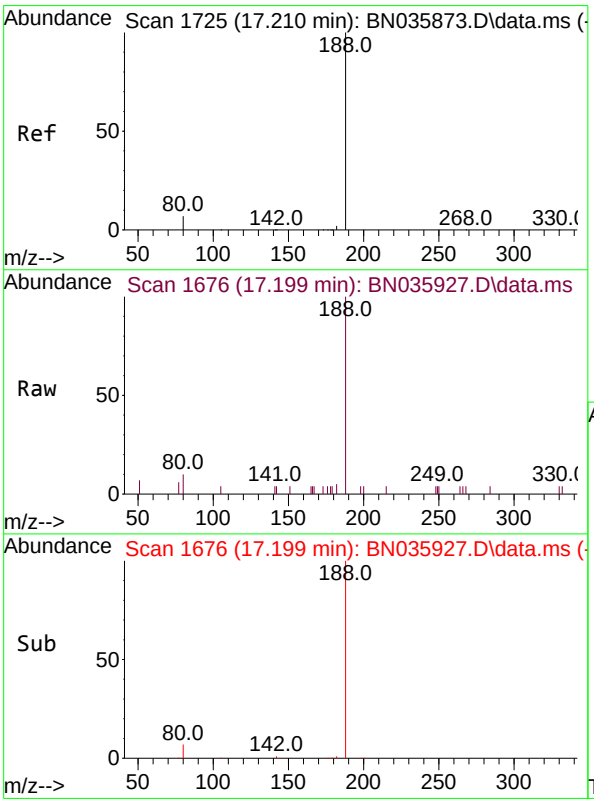
#15
2-Fluorobiphenyl
Concen: 0.508 ng
RT: 13.084 min Scan# 1
Delta R.T. -0.009 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Instrument :
BNA_N
ClientSampleId :
PB166053BL

Tgt Ion:172 Resp: 1884

Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.5	45.7
170	26.8	20.8	31.2

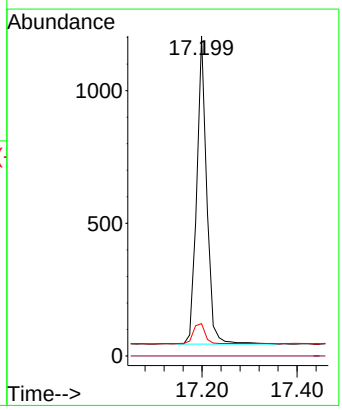


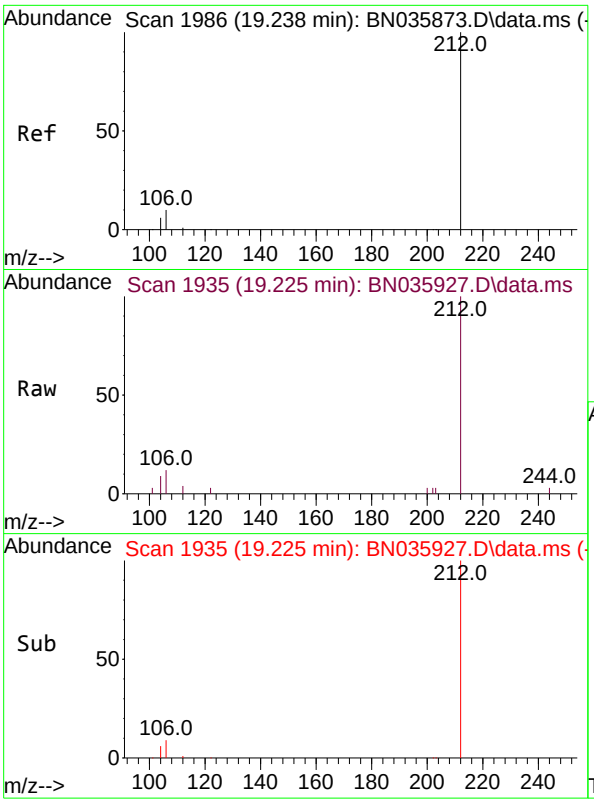


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.199 min Scan# 1676
Delta R.T. -0.011 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Tgt Ion:188 Resp: 1699

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	7.3	10.9



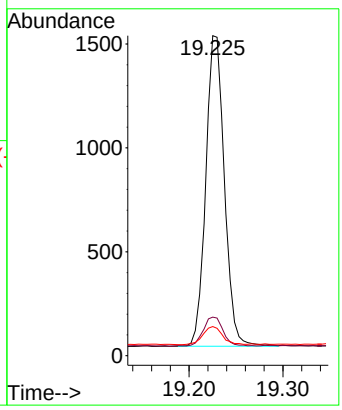


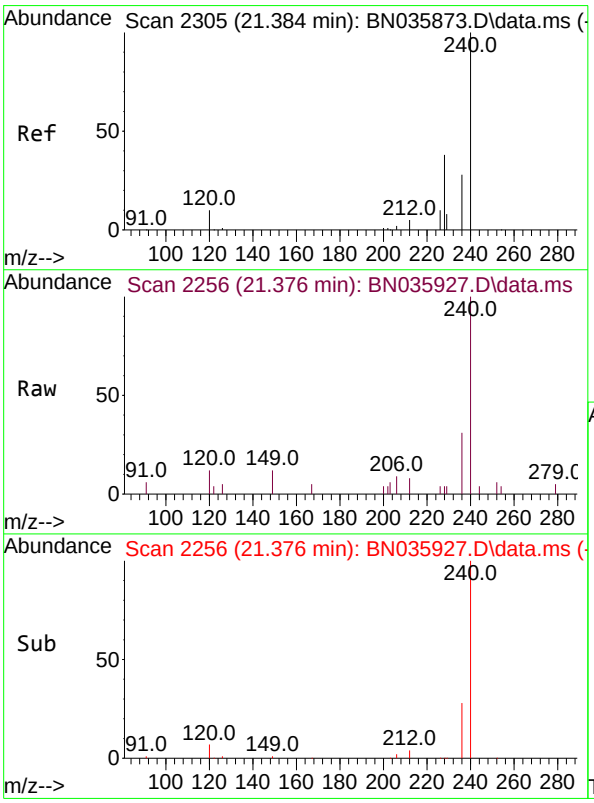
#27
Fluoranthene-d10
Concen: 0.488 ng
RT: 19.225 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Instrument :
BNA_N
ClientSampleId :
PB166053BL

Tgt Ion:212 Resp: 2056

Ion	Ratio	Lower	Upper
212	100		
106	10.1	9.0	13.6
104	6.1	5.4	8.2

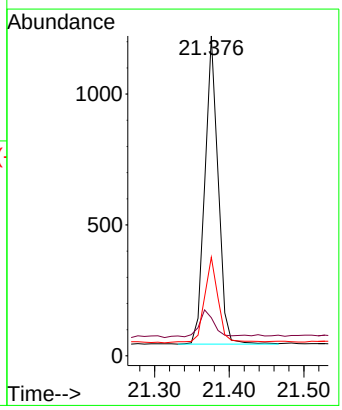


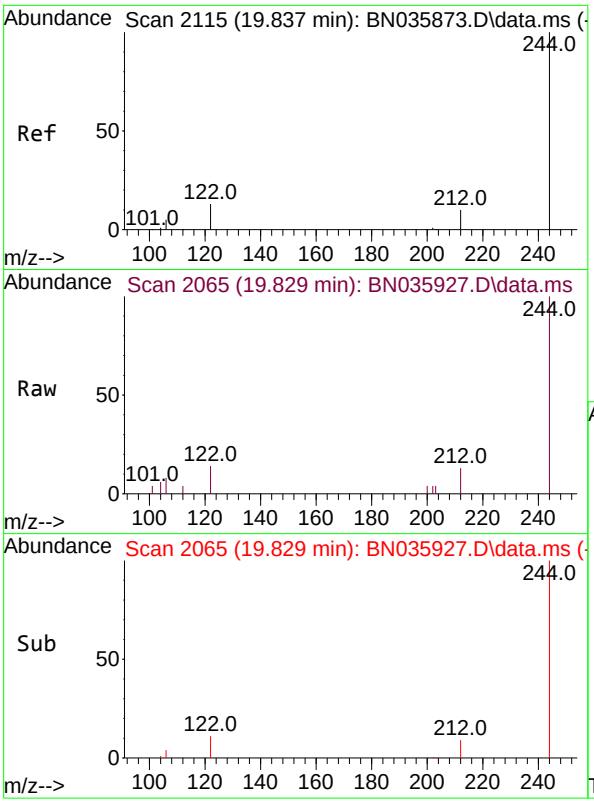


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.376 min Scan# 2256
Delta R.T. -0.008 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Tgt Ion:240 Resp: 1454

Ion	Ratio	Lower	Upper
240	100		
120	11.9	11.1	16.7
236	30.9	24.6	36.8



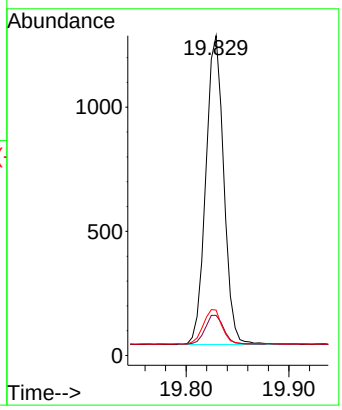


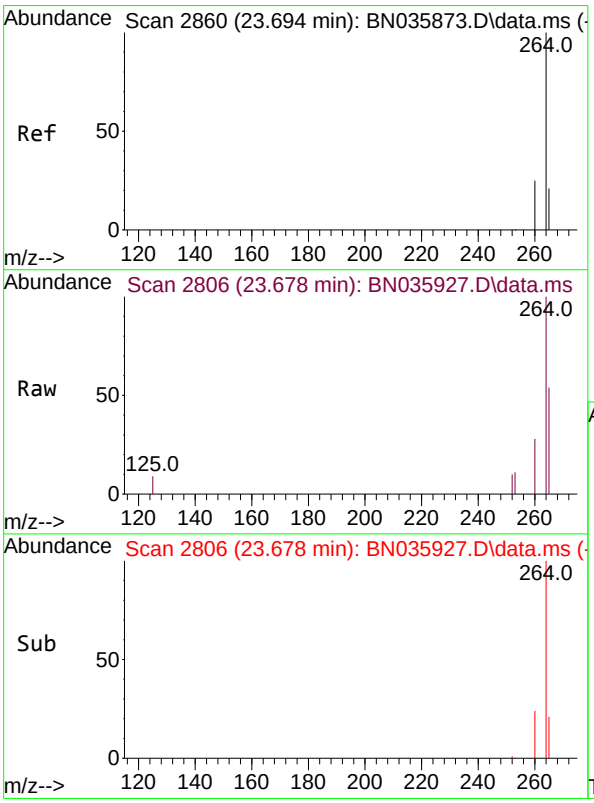
#31
Terphenyl-d14
Concen: 0.519 ng
RT: 19.829 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Instrument :
BNA_N
ClientSampleId :
PB166053BL

Tgt Ion:244 Resp: 1504

Ion	Ratio	Lower	Upper
244	100		
212	12.6	10.1	15.1
122	14.2	12.2	18.4





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.678 min Scan# 2806
Delta R.T. -0.016 min
Lab File: BN035927.D
Acq: 15 Jan 2025 11:03

Tgt Ion:264 Resp: 1672

Ion	Ratio	Lower	Upper
264	100		
260	28.0	21.7	32.5
265	54.5	33.9	50.9#