Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022625\
Data File : BN036509.D
Acq On : 26 Feb 2025 14:19
Operator : RC/JU
Sample : PB166876BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166876BL

Quant Time: Feb 26 14:42:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	2585	0.400	ng	0.00
7) Naphthalene-d8	10.551	136	5224	0.400	ng	0.01
13) Acenaphthene-d10	14.387	164	3049	0.400	ng	0.00
19) Phenanthrene-d10	17.148	188	5698	0.400	ng	0.01
29) Chrysene-d12	21.322	240	3989	0.400	ng	# 0.00
35) Perylene-d12	23.589	264	3507	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.334	112	2211	0.362	ng	-0.01
5) Phenol-d6	6.923	99	2027	0.283	ng	-0.01
8) Nitrobenzene-d5	8.907	82	1771	0.344	ng	0.00
11) 2-Methylnaphthalene-d10	12.156	152	2713	0.338	ng	0.02
14) 2,4,6-Tribromophenol	15.907	330	293	0.194	ng	0.02
15) 2-Fluorobiphenyl	13.030	172	3429	0.299	ng	0.01
27) Fluoranthene-d10	19.169	212	5992	0.378	ng	0.00
31) Terphenyl-d14	19.768	244	3868	0.454	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-BN021025.M
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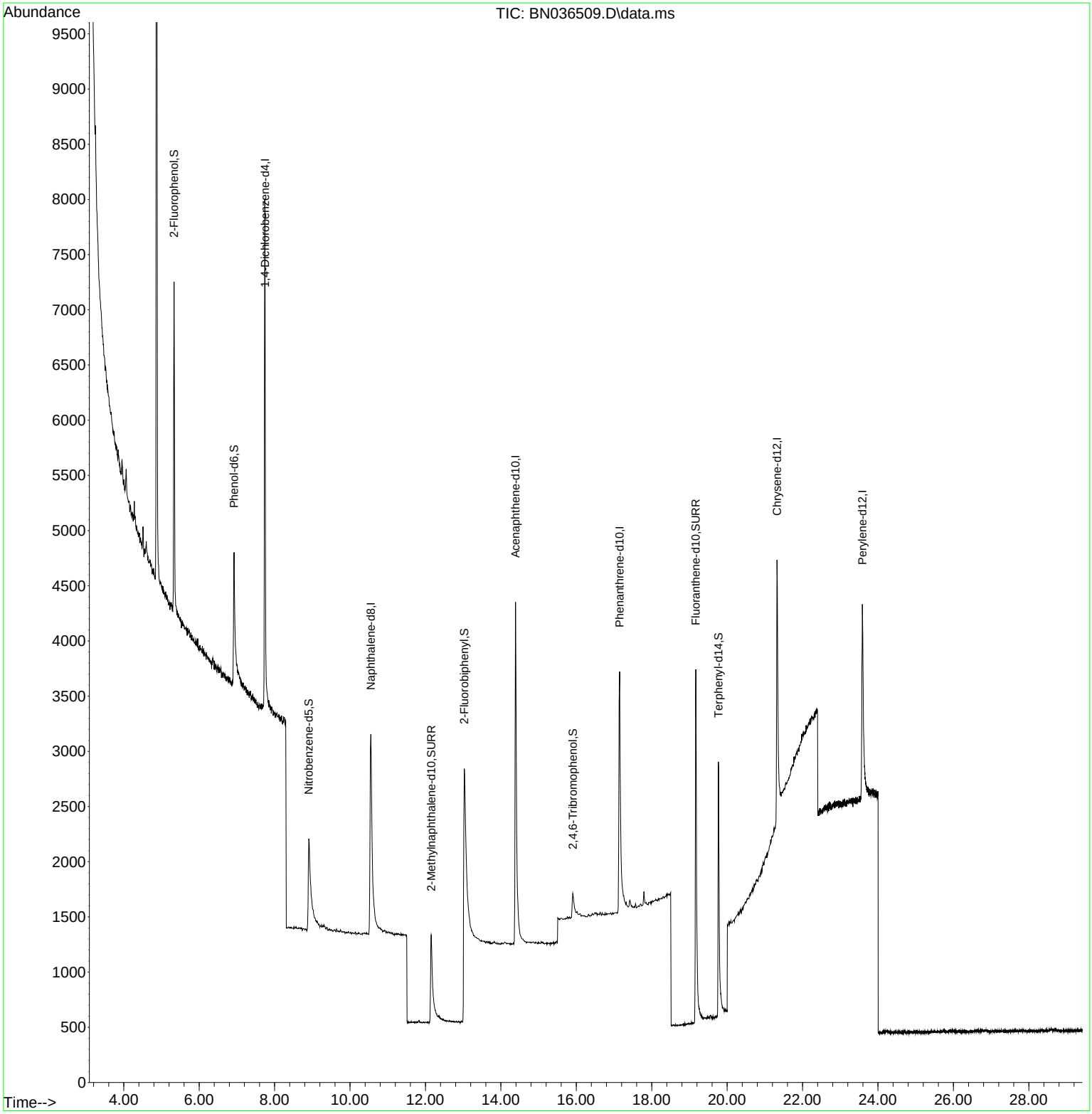
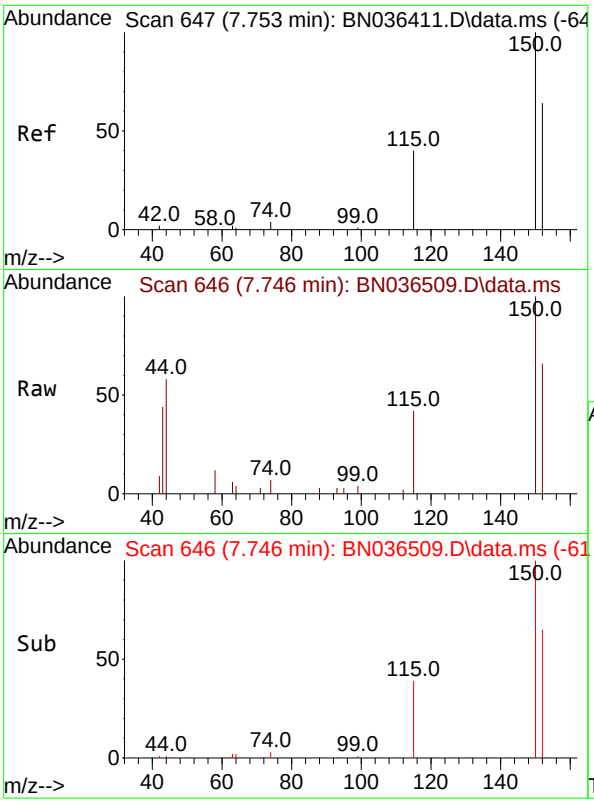


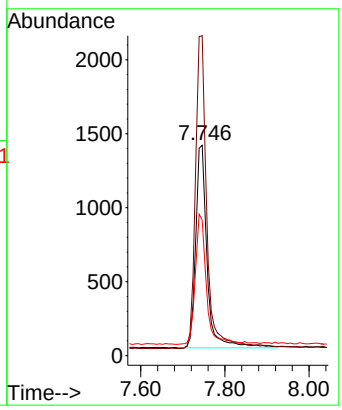


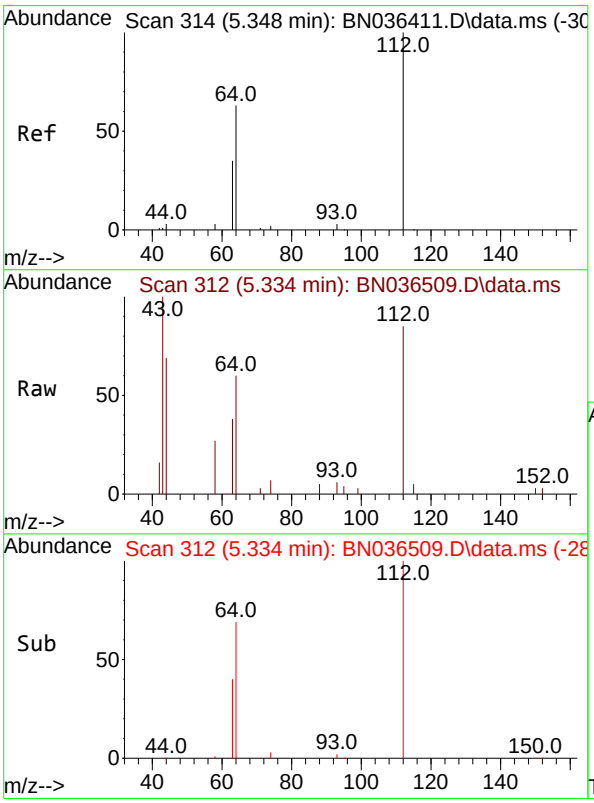
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.746 min Scan# 64
Delta R.T. -0.007 min
Lab File: BN036509.D
Acq: 26 Feb 2025 14:19

Instrument :
BNA_N
ClientSampleId :
PB166876BL

Tgt Ion:152 Resp: 2585

Ion	Ratio	Lower	Upper
152	100		
150	152.1	123.7	185.5
115	64.4	52.5	78.7

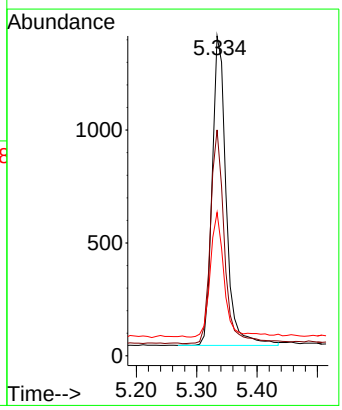


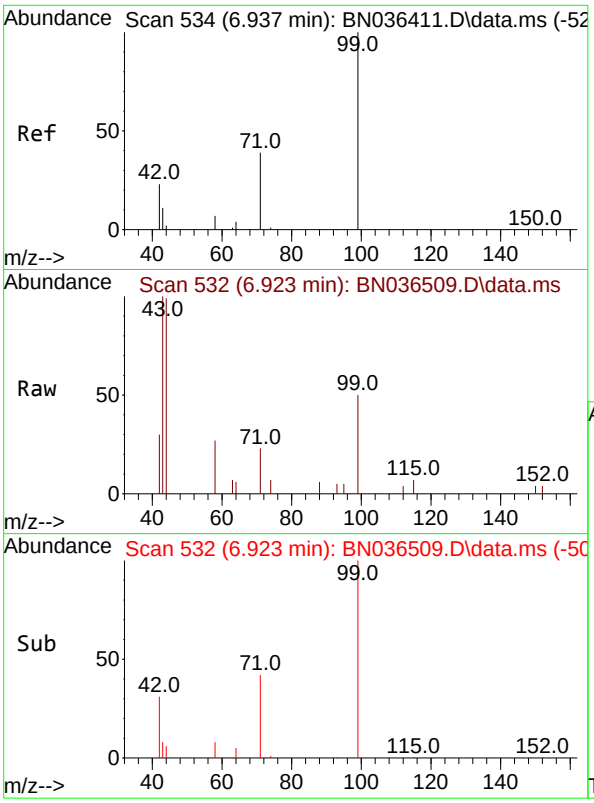


#4
2-Fluorophenol
Concen: 0.362 ng
RT: 5.334 min Scan# 312
Delta R.T. -0.015 min
Lab File: BN036509.D
Acq: 26 Feb 2025 14:19

Tgt Ion:112 Resp: 2211

Ion	Ratio	Lower	Upper
112	100		
64	69.3	53.4	80.0
63	40.9	30.3	45.5



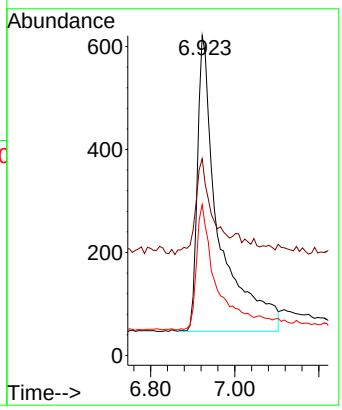


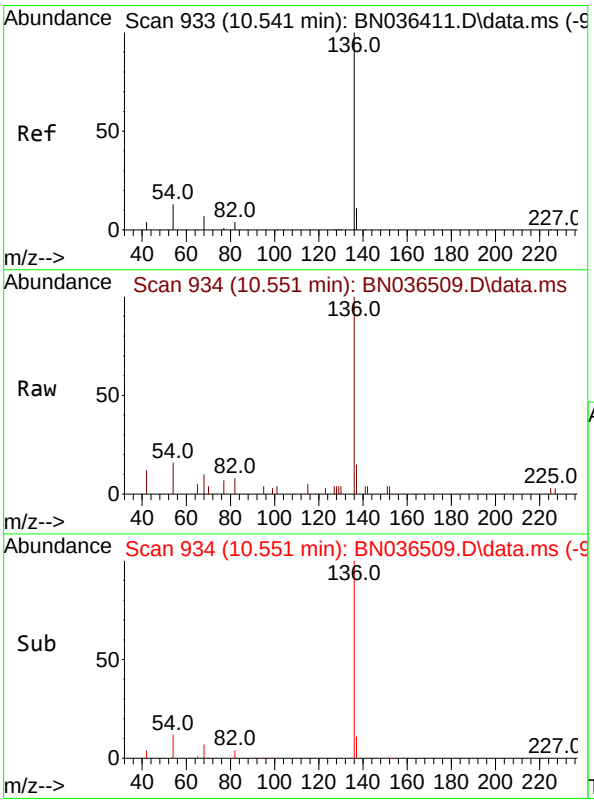
#5
Phenol-d6
Concen: 0.283 ng
RT: 6.923 min Scan# 5
Delta R.T. -0.015 min
Lab File: BN036509.D
Acq: 26 Feb 2025 14:19

Instrument :
BNA_N
ClientSampleId :
PB166876BL

Tgt Ion: 99 Resp: 2027

Ion	Ratio	Lower	Upper
99	100		
42	24.9	21.7	32.5
71	38.4	32.6	49.0

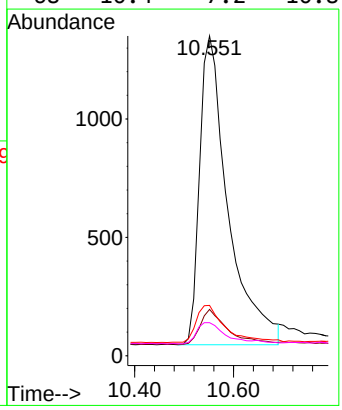


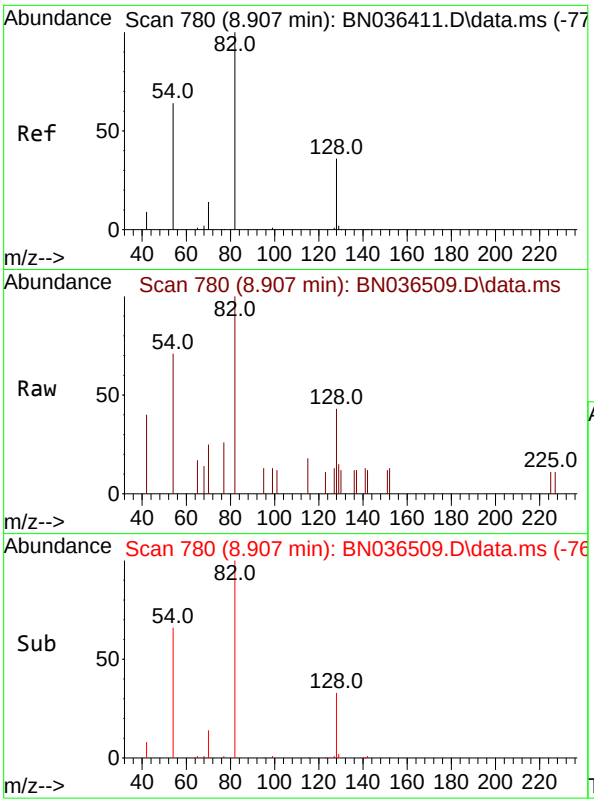


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.551 min Scan# 934
Delta R.T. 0.011 min
Lab File: BN036509.D
Acq: 26 Feb 2025 14:19

Tgt Ion:136 Resp: 5224

Ion	Ratio	Lower	Upper
136	100		
137	14.5	10.1	15.1
54	15.8	11.8	17.6
68	10.4	7.2	10.8



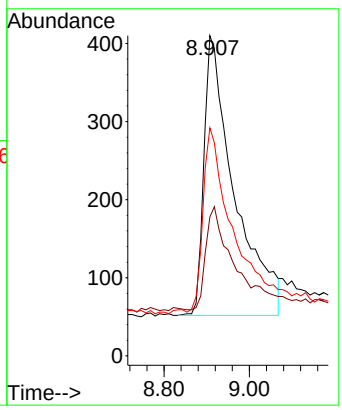


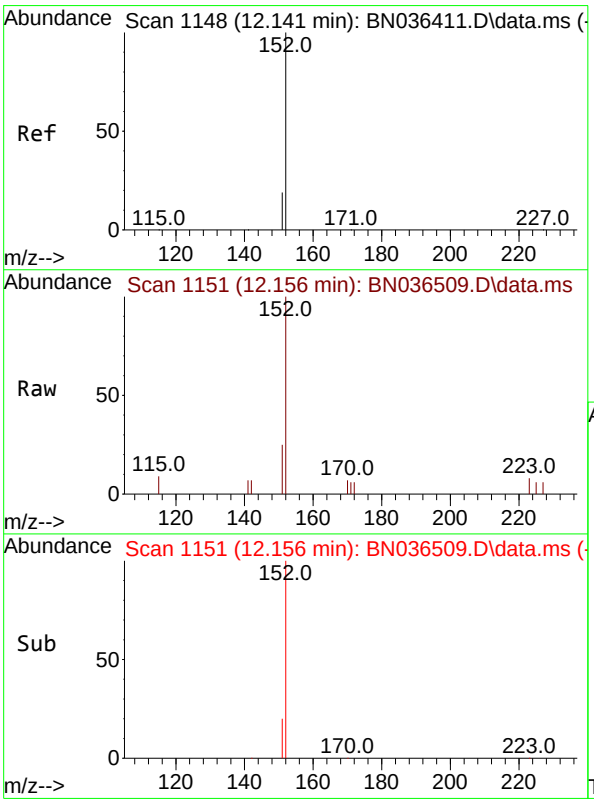
#8
Nitrobenzene-d5
Concen: 0.344 ng
RT: 8.907 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN036509.D
Acq: 26 Feb 2025 14:19

Instrument :
BNA_N
ClientSampleId :
PB166876BL

Tgt Ion: 82 Resp: 1771

Ion	Ratio	Lower	Upper
82	100		
128	43.4	31.9	47.9
54	71.2	53.1	79.7

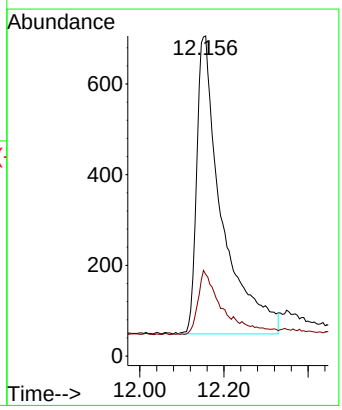


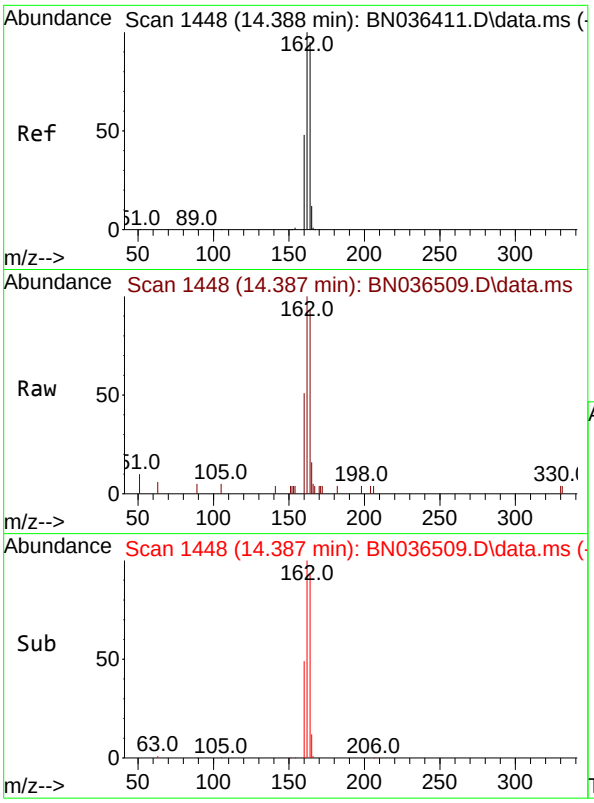


#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 12.156 min Scan# 1151
Delta R.T. 0.015 min
Lab File: BN036509.D
Acq: 26 Feb 2025 14:19

Tgt Ion:152 Resp: 2713

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.6	25.0



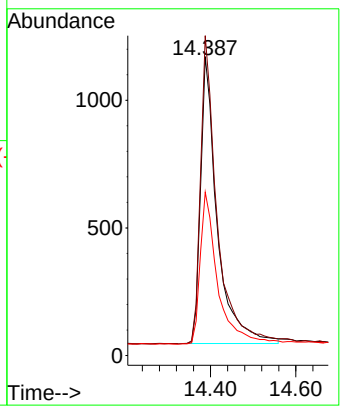


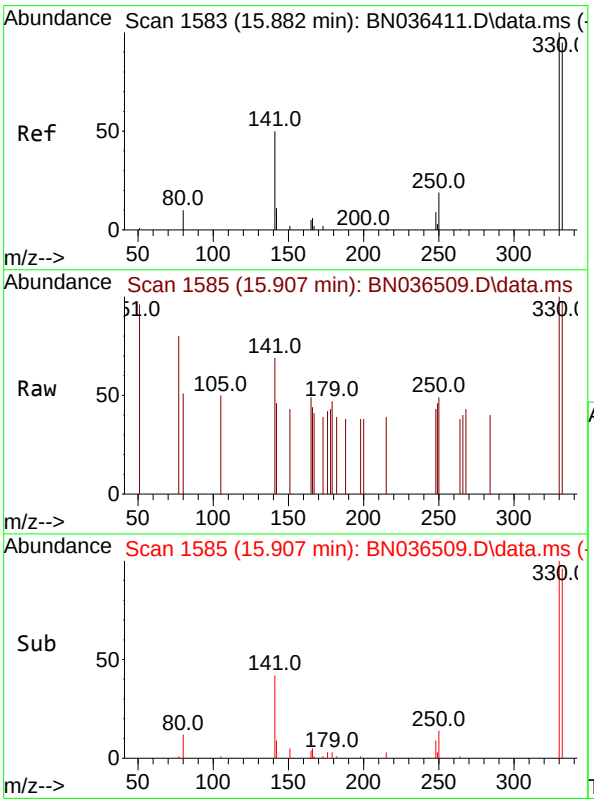
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.387 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036509.D
Acq: 26 Feb 2025 14:19

Instrument :
BNA_N
ClientSampleId :
PB166876BL

Tgt Ion:164 Resp: 3049

Ion	Ratio	Lower	Upper
164	100		
162	107.0	84.1	126.1
160	54.7	41.4	62.0

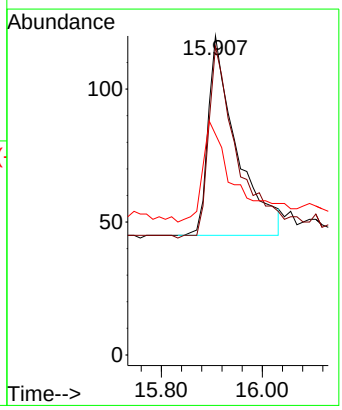


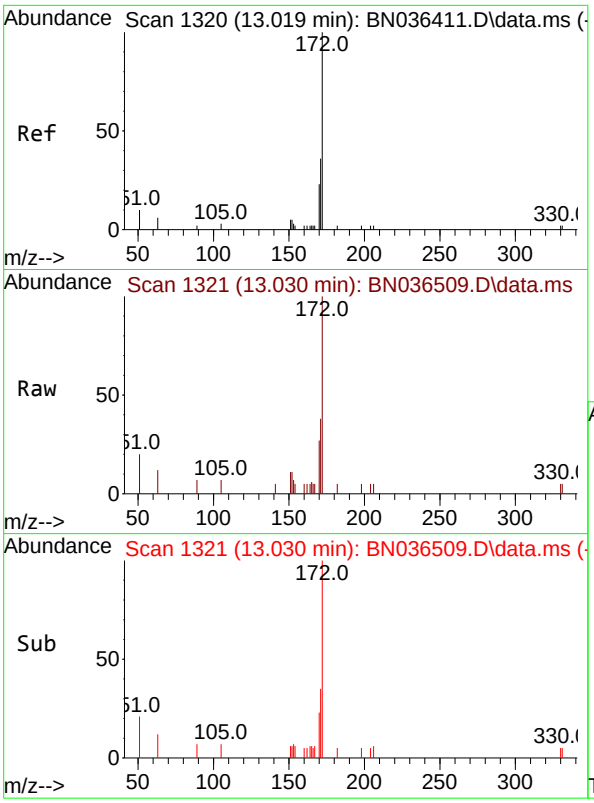


#14
2,4,6-Tribromophenol
Concen: 0.194 ng
RT: 15.907 min Scan# 1585
Delta R.T. 0.025 min
Lab File: BN036509.D
Acq: 26 Feb 2025 14:19

Tgt Ion:330 Resp: 293

Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	114.8
141	53.2	37.8	56.8



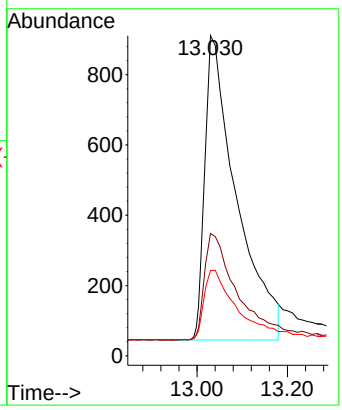


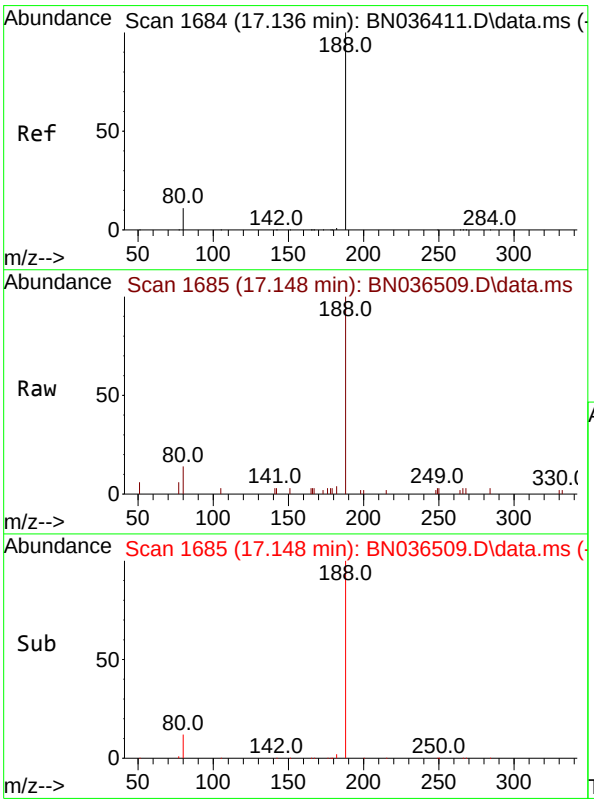
#15
2-Fluorobiphenyl
Concen: 0.299 ng
RT: 13.030 min Scan# 1
Delta R.T. 0.011 min
Lab File: BN036509.D
Acq: 26 Feb 2025 14:19

Instrument :
BNA_N
ClientSampleId :
PB166876BL

Tgt Ion:172 Resp: 3429

Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.6	44.4
170	26.7	19.8	29.6

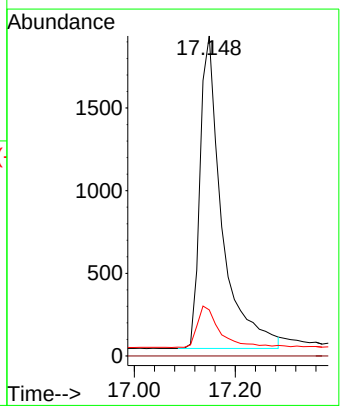


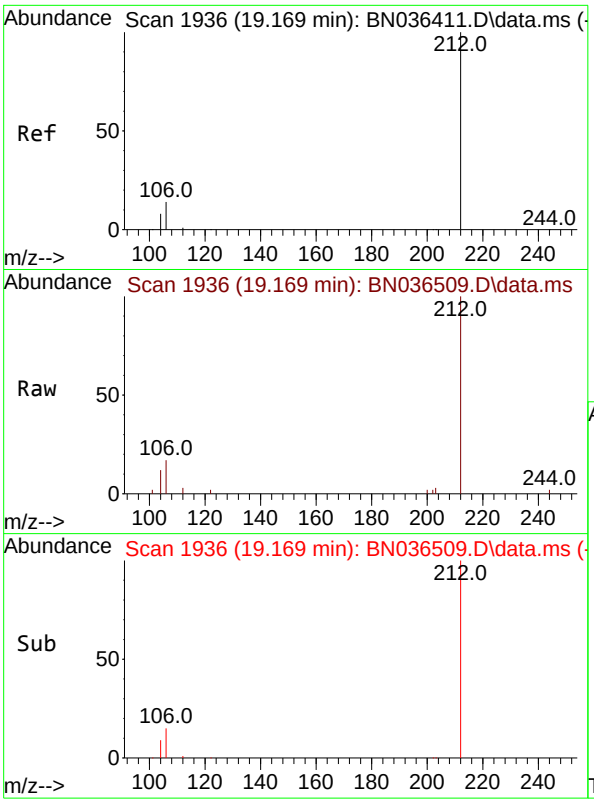


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.148 min Scan# 1685
Delta R.T. 0.012 min
Lab File: BN036509.D
Acq: 26 Feb 2025 14:19

Tgt Ion:188 Resp: 5698

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	9.8	14.6



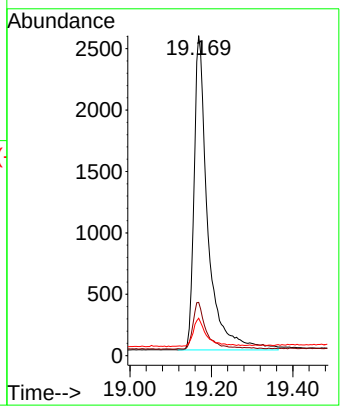


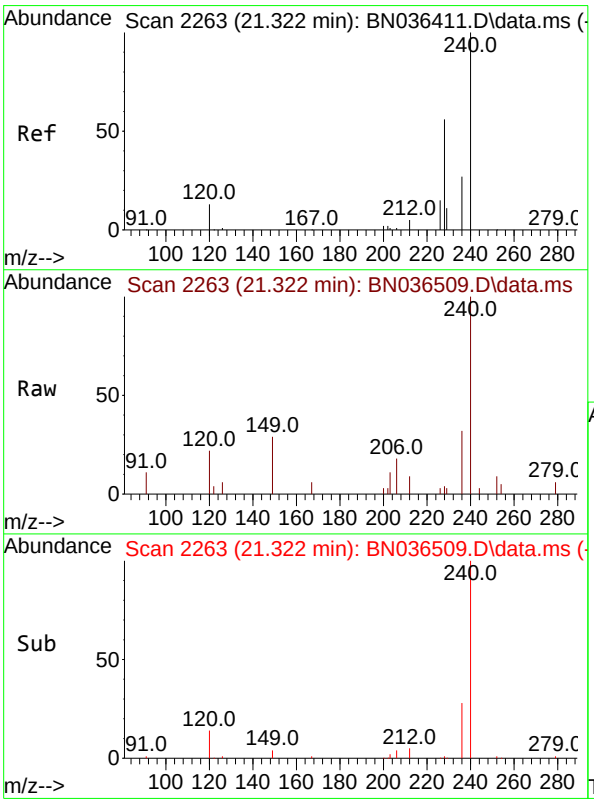
#27
Fluoranthene-d10
Concen: 0.378 ng
RT: 19.169 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN036509.D
Acq: 26 Feb 2025 14:19

Instrument :
BNA_N
ClientSampleId :
PB166876BL

Tgt Ion:212 Resp: 5992

Ion	Ratio	Lower	Upper
212	100		
106	14.1	11.5	17.3
104	8.2	7.1	10.7

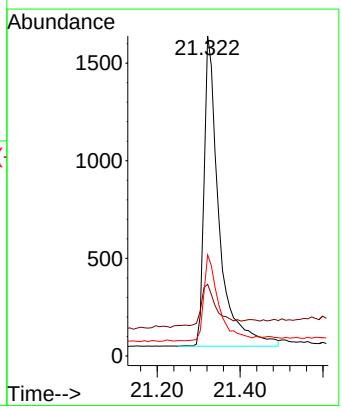


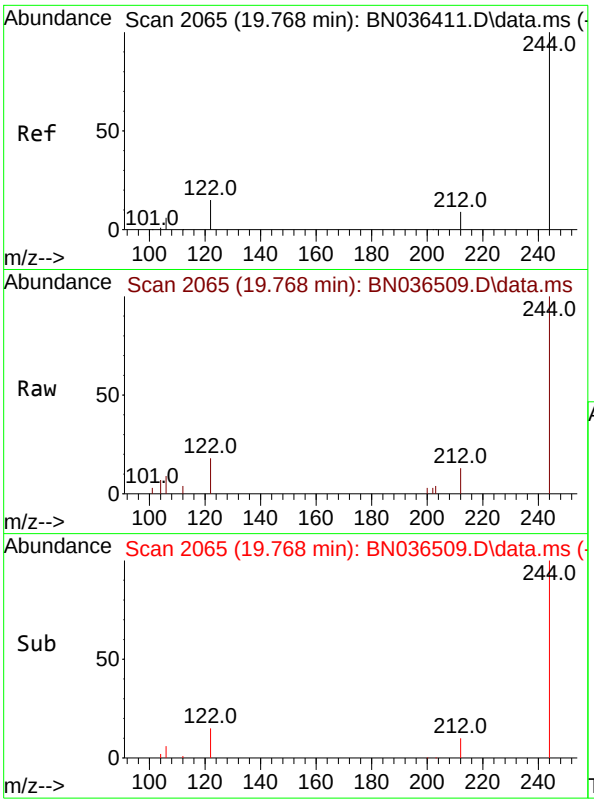


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.322 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BN036509.D
Acq: 26 Feb 2025 14:19

Tgt Ion:240 Resp: 3989

Ion	Ratio	Lower	Upper
240	100		
120	22.4	13.3	19.9#
236	31.6	23.0	34.6



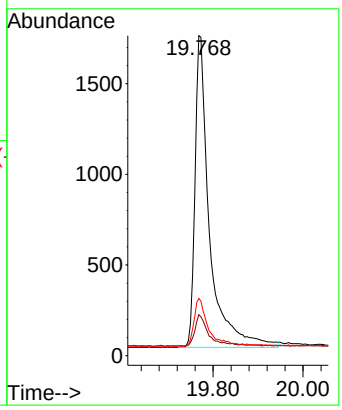


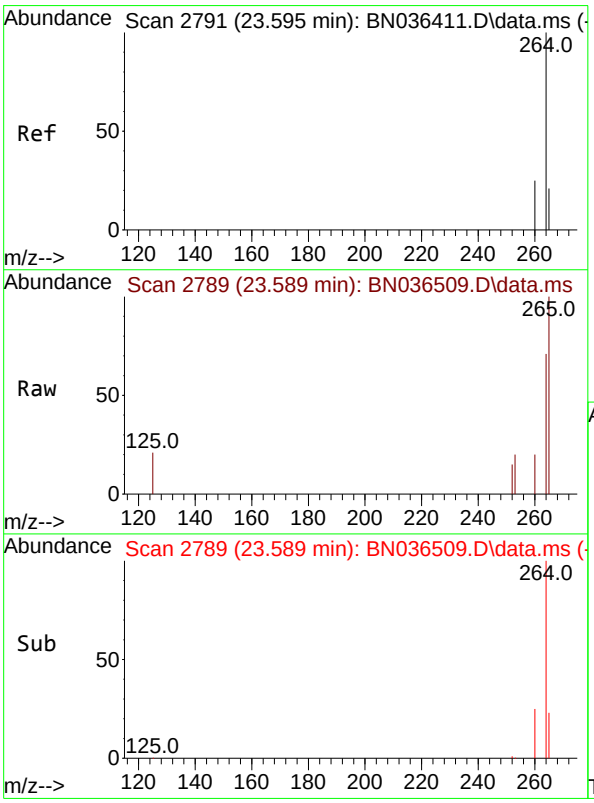
#31
Terphenyl-d14
Concen: 0.454 ng
RT: 19.768 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036509.D
Acq: 26 Feb 2025 14:19

Instrument :
BNA_N
ClientSampleId :
PB166876BL

Tgt Ion:244 Resp: 3868

Ion	Ratio	Lower	Upper
244	100		
212	12.8	8.1	12.1#
122	17.9	12.8	19.2





#35
Perylene-d12
Concen: 0.400 ng
RT: 23.589 min Scan# 2789
Delta R.T. -0.006 min
Lab File: BN036509.D
Acq: 26 Feb 2025 14:19

Tgt Ion:264 Resp: 3507

Ion	Ratio	Lower	Upper
264	100		
260	27.3	20.9	31.3
265	140.2	60.7	91.1#