Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141154.D
Acq On : 14 Jan 2025 19:04
Operator : RC/JU
Sample : Q1074-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGA

Quant Time: Jan 15 00:13:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	144929	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	587124	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	316564	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	515651	20.000	ng	0.00
76) Chrysene-d12	13.980	240	309986	20.000	ng	0.00
86) Perylene-d12	15.439	264	300451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1012323	107.904	ng	0.00
7) Phenol-d6	6.440	99	1259882	106.016	ng	0.00
23) Nitrobenzene-d5	7.375	82	817185	73.779	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	421074	116.737	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1472357	71.024	ng	0.00
79) Terphenyl-d14	12.927	244	1412348	67.719	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	110716	15.816	ng	# 77
25) Isophorone	7.375	82	812329	42.916	ng	# 65
51) 2,6-Dinitrotoluene	9.851	165	41894	8.477	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	41894	6.578	ng	# 24
63) Azobenzene	10.569	77	63688	3.111	ng	# 1
67) 4-Bromophenyl-phenylether	10.645	248	25358	4.271	ng	# 1
75) Fluoranthene	12.551	202	93777	3.395	ng	99
77) Benzidine	12.927	184	19272	3.353	ng	# 92
78) Pyrene	12.780	202	97156	3.281	ng	98
81) Benzo(a)anthracene	13.968	228	46462	2.202	ng	# 84
83) Chrysene	14.004	228	39779	2.015	ng	# 92
88) Benzo(b)fluoranthene	15.015	252	61960	3.198	ng	# 92
89) Benzo(k)fluoranthene	15.015	252	61960	3.784	ng	# 92
90) Benzo(a)pyrene	15.374	252	35838	2.242	ng	# 92

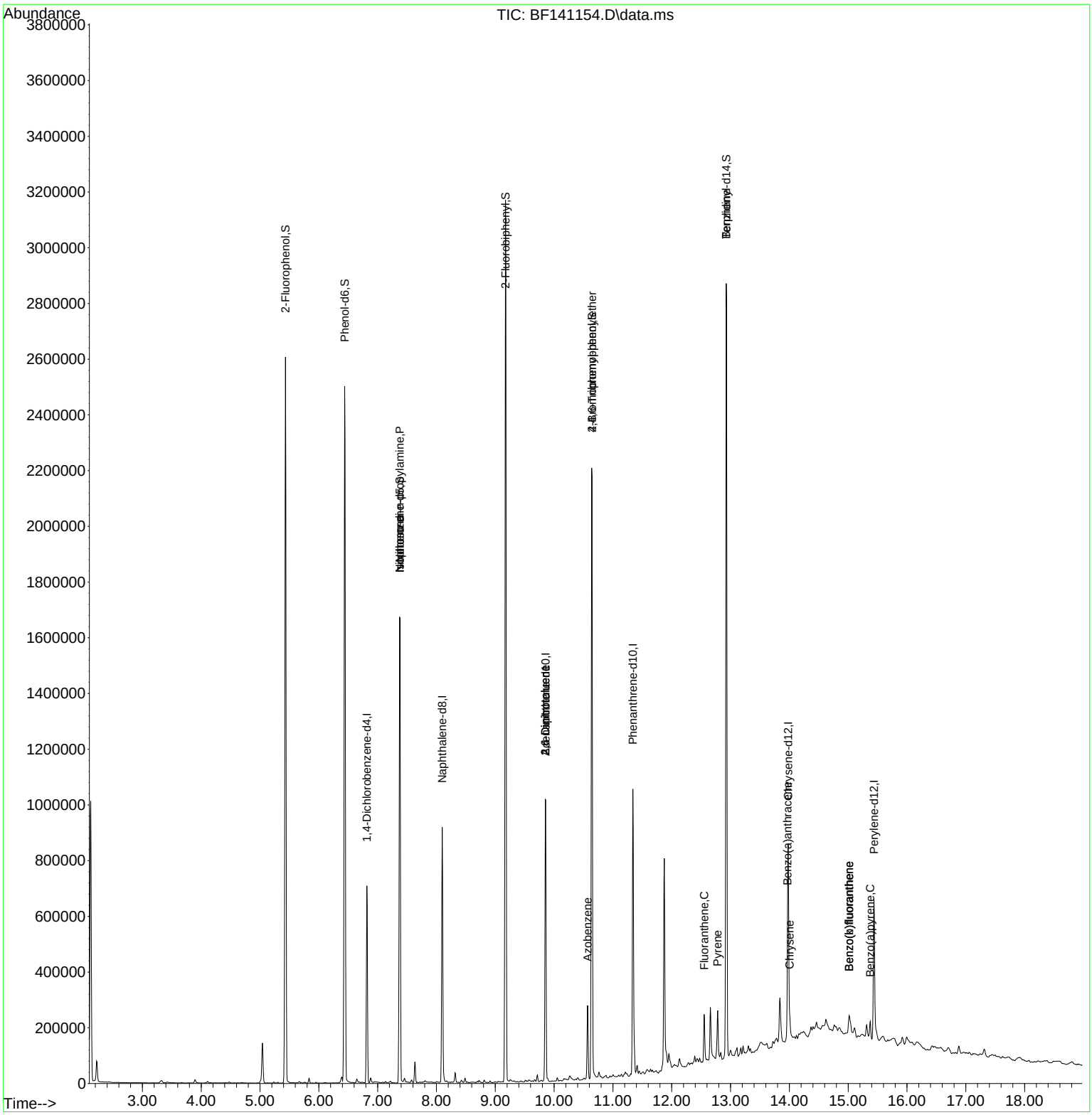
(#) = qualifier out of range (m) = manual integration (+) = signals summed

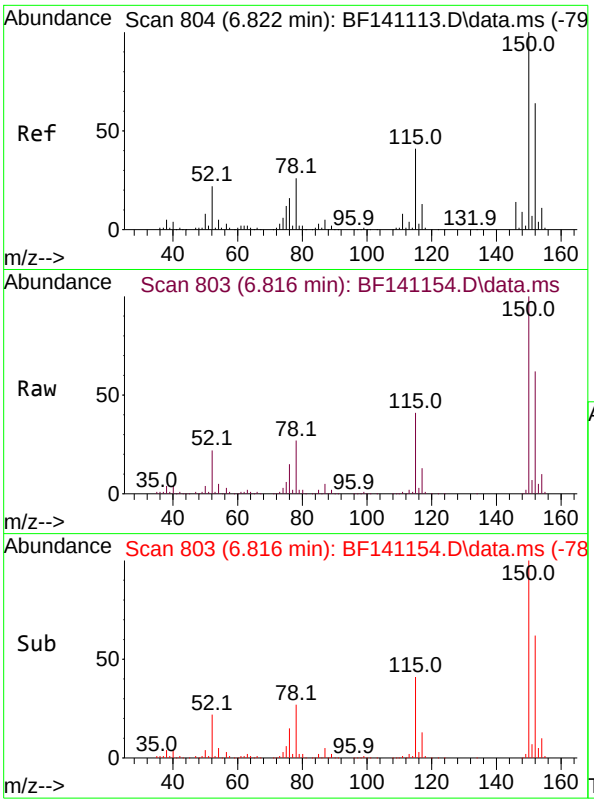
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141154.D
Acq On : 14 Jan 2025 19:04
Operator : RC/JU
Sample : Q1074-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGA

Quant Time: Jan 15 00:13:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration



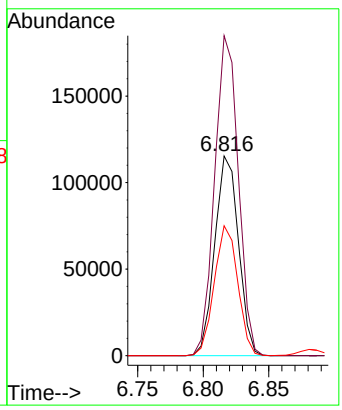


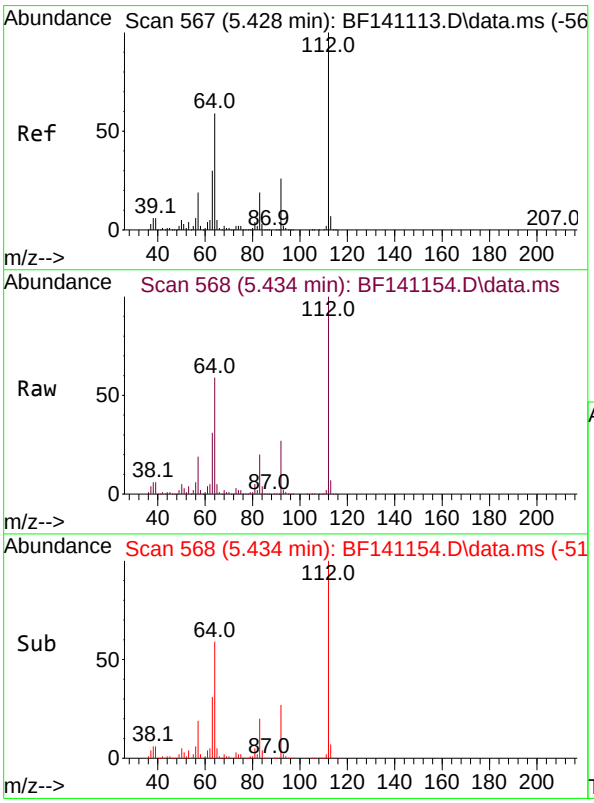
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGA

Tgt Ion:152 Resp: 144929

Ion	Ratio	Lower	Upper
152	100		
150	160.2	125.8	188.8
115	65.0	51.4	77.2

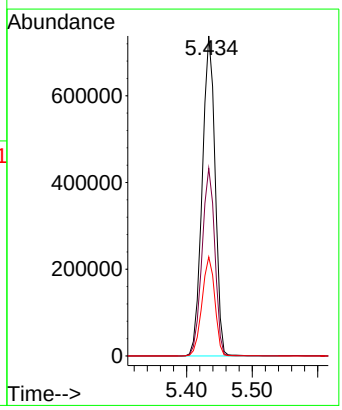


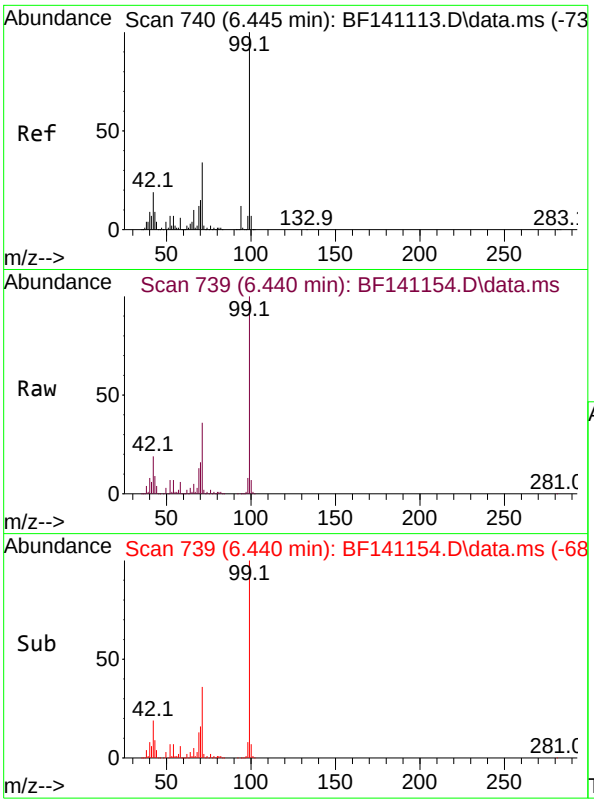


#5
2-Fluorophenol
Concen: 107.904 ng
RT: 5.434 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Tgt Ion:112 Resp: 1012323

Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.3	70.9
63	30.9	24.2	36.2



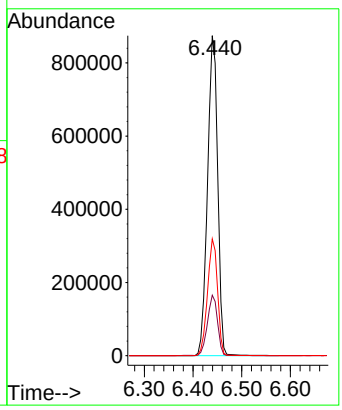


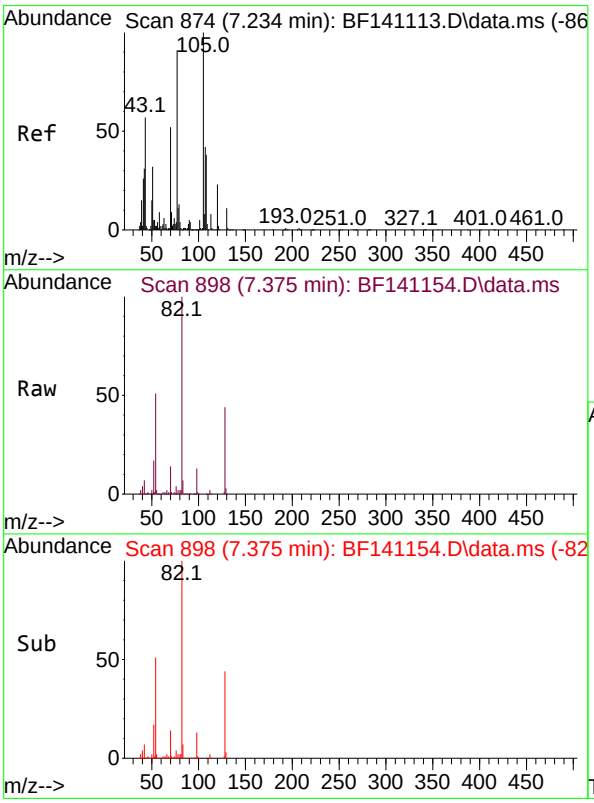
#7
Phenol-d6
Concen: 106.016 ng
RT: 6.440 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGA

Tgt Ion: 99 Resp: 1259882

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.0	22.4
71	36.5	27.6	41.4

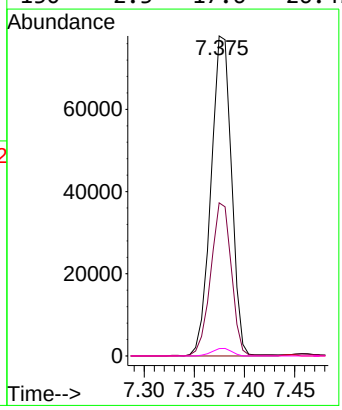


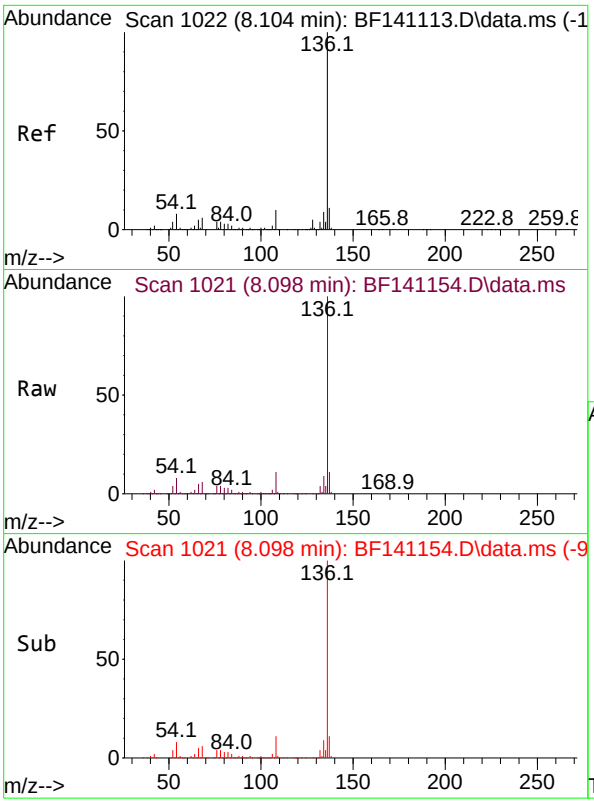


#19
n-Nitroso-di-n-propylamine
Concen: 15.816 ng
RT: 7.375 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Tgt Ion: 70 Resp: 110716

Ion	Ratio	Lower	Upper
70	100		
42	47.9	47.8	71.6
101	0.0	7.9	11.9#
130	2.3	17.6	26.4#



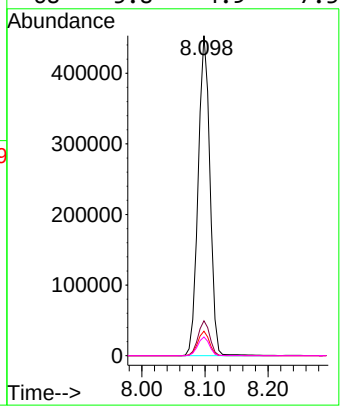


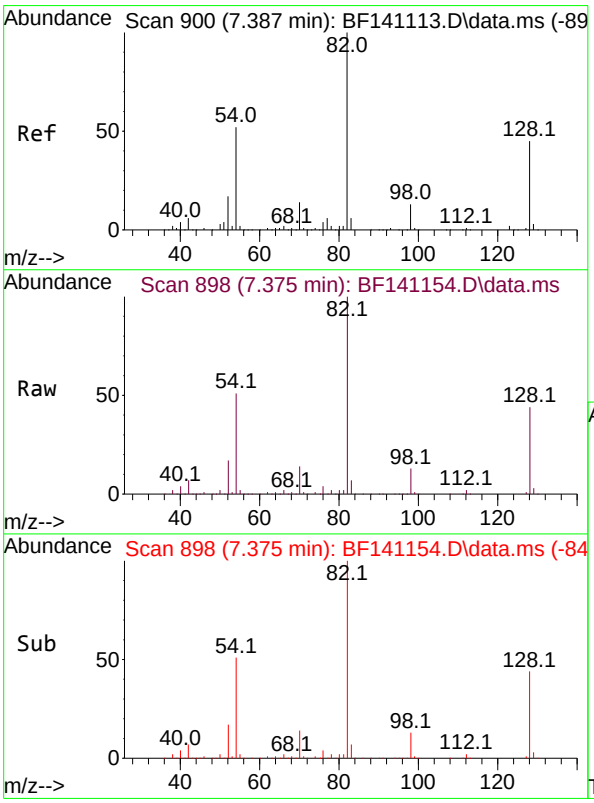
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGA

Tgt Ion:136 Resp: 587124

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.6	6.3	9.5
68	5.8	4.9	7.3

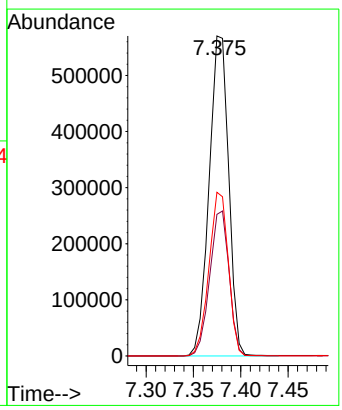


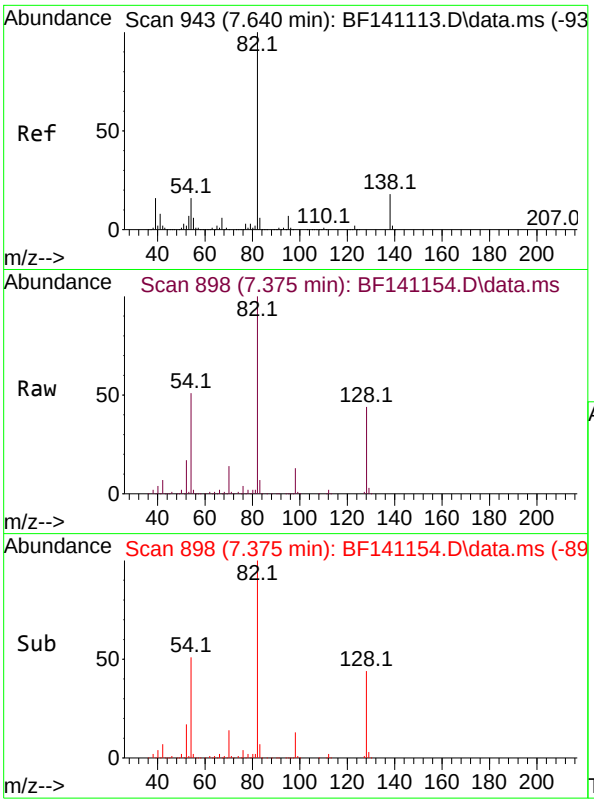


#23
Nitrobenzene-d5
Concen: 73.779 ng
RT: 7.375 min Scan# 898
Delta R.T. -0.012 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Tgt Ion: 82 Resp: 817185

Ion	Ratio	Lower	Upper
82	100		
128	44.2	36.1	54.1
54	51.1	41.0	61.4



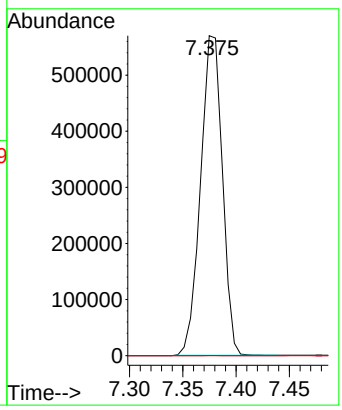


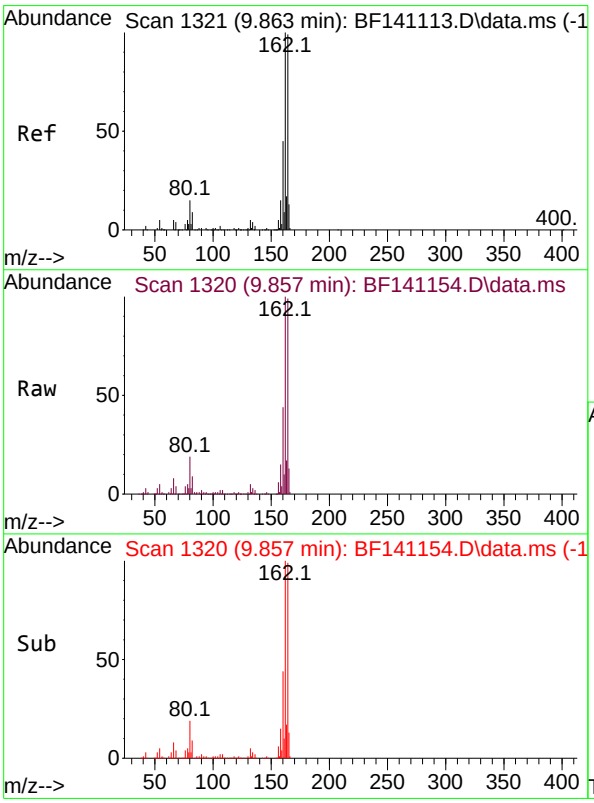
#25
Isophorone
Concen: 42.916 ng
RT: 7.375 min Scan# 8
Delta R.T. -0.265 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGA

Tgt Ion: 82 Resp: 812329

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.9	8.9#
138	0.0	14.2	21.2#

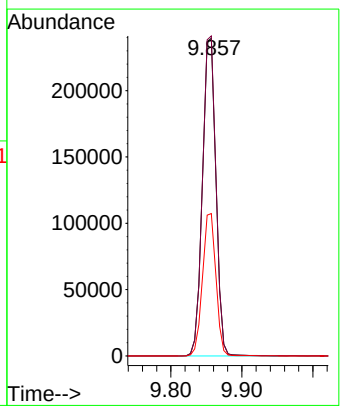


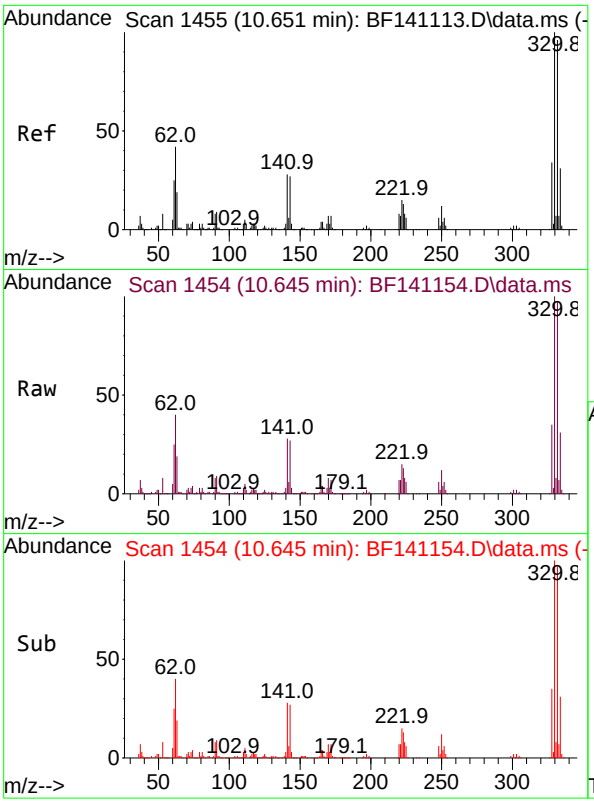


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Tgt Ion:164 Resp: 316564

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.0	121.4
160	44.8	36.1	54.1



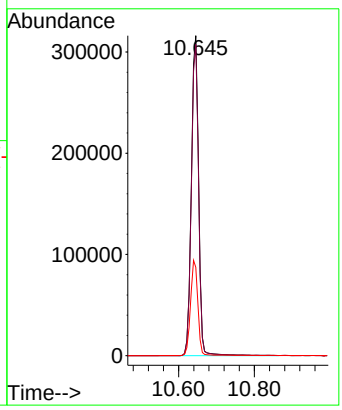


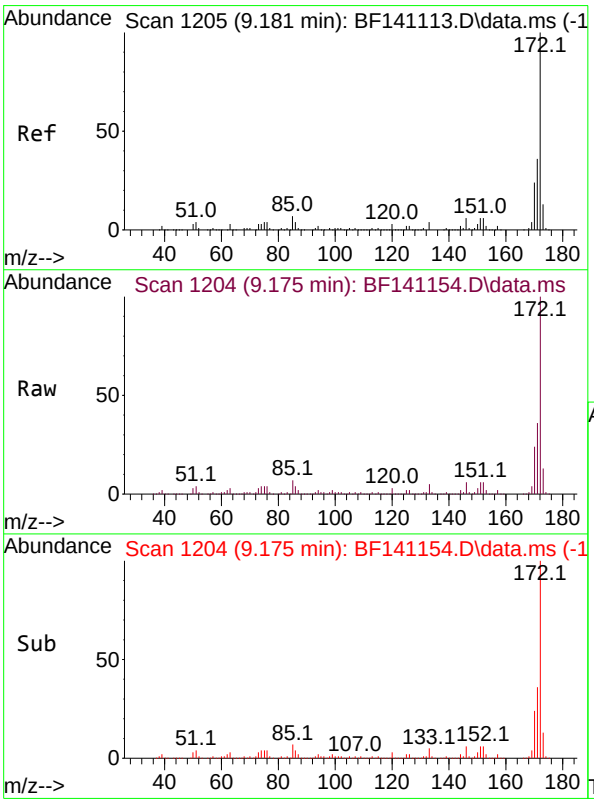
#42
2,4,6-Tribromophenol
Concen: 116.737 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGA

Tgt Ion:330 Resp: 421074

Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	29.8	25.2	37.8

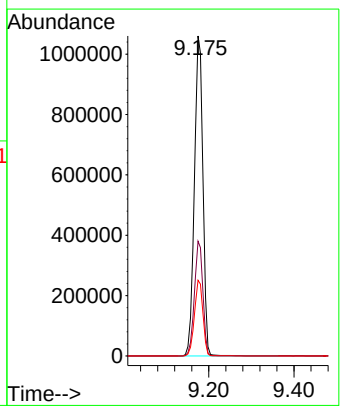


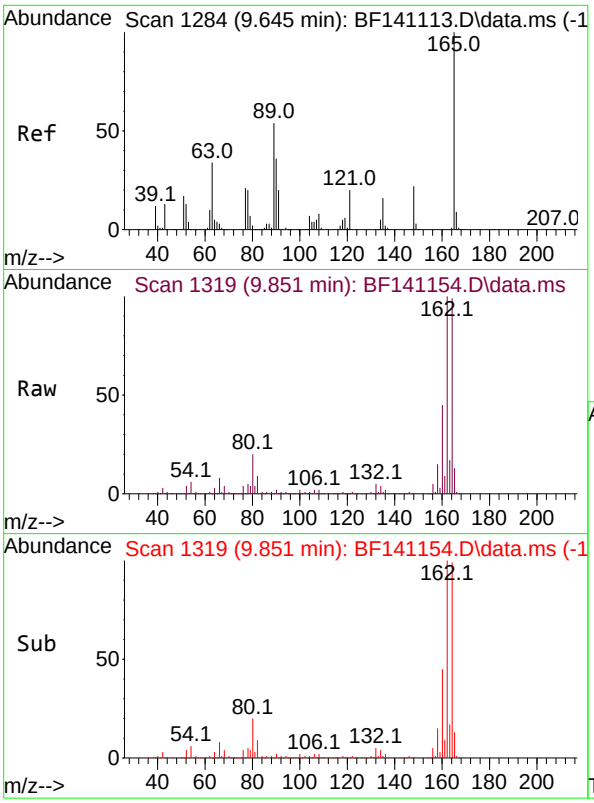


#45
2-Fluorobiphenyl
Concen: 71.024 ng
RT: 9.175 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Tgt Ion:172 Resp: 1472357

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	23.7	19.0	28.6



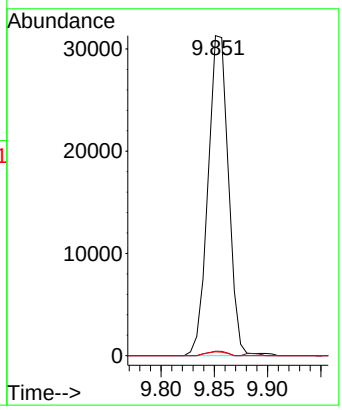


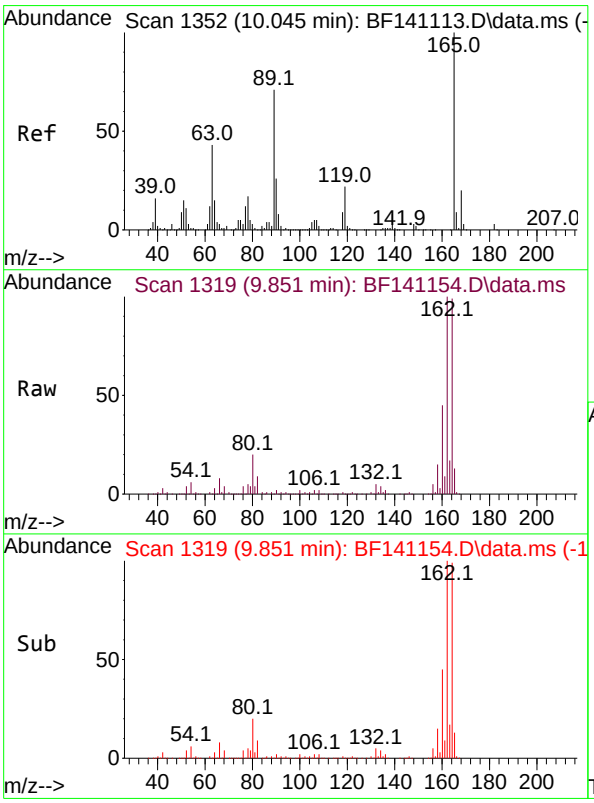
#51
2,6-Dinitrotoluene
Concen: 8.477 ng
RT: 9.851 min Scan# 1
Delta R.T. 0.206 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGA

Tgt Ion:165 Resp: 41894

Ion	Ratio	Lower	Upper
165	100		
63	1.4	42.3	63.5#
89	1.2	43.1	64.7#

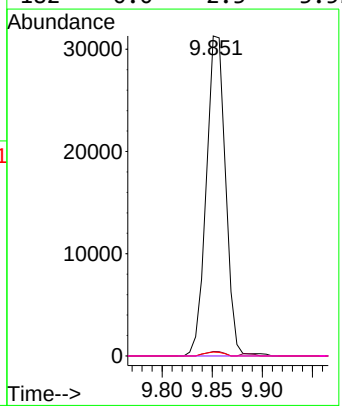


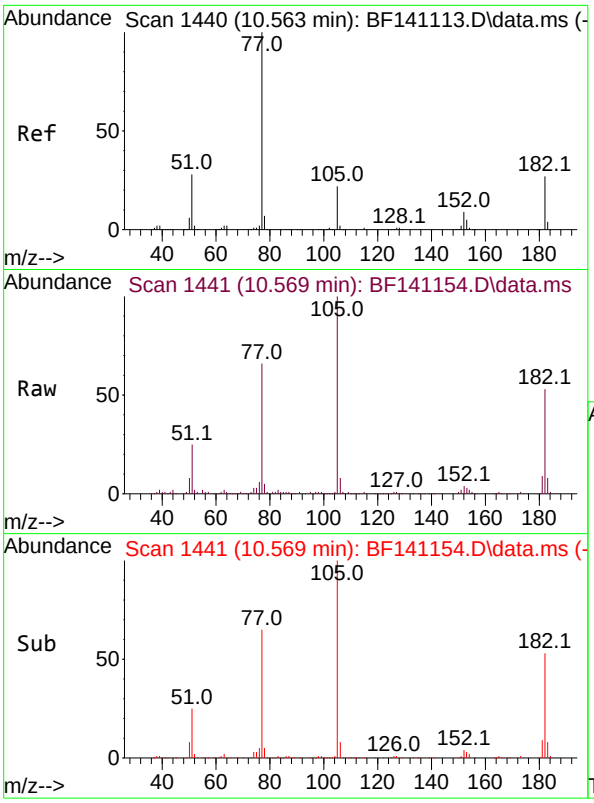


#57
2,4-Dinitrotoluene
Concen: 6.578 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Tgt Ion:165 Resp: 41894

Ion	Ratio	Lower	Upper
165	100		
63	1.4	35.0	52.4#
89	1.2	56.7	85.1#
182	0.0	2.3	3.5#



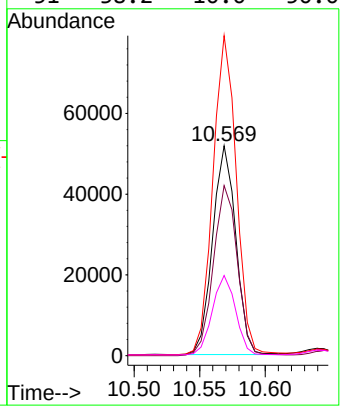


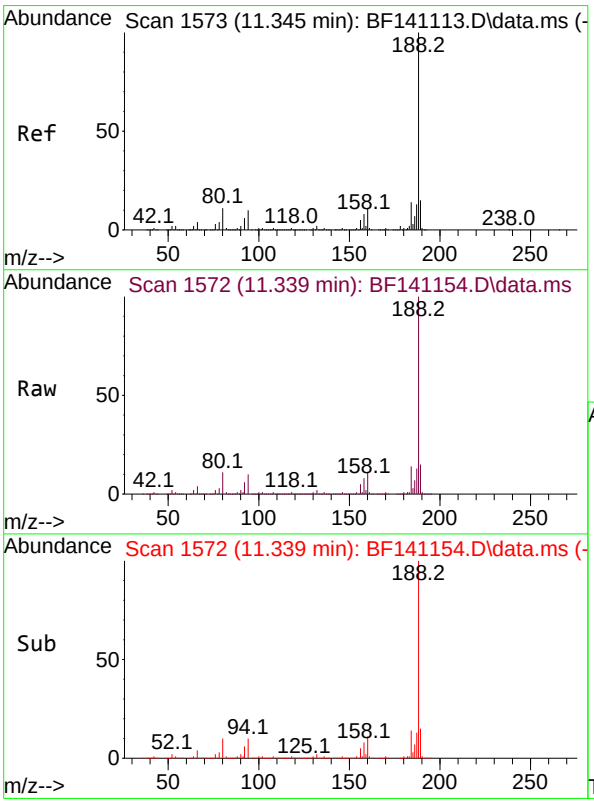
#63
Azobenzene
Concen: 3.111 ng
RT: 10.569 min Scan# 14
Delta R.T. 0.006 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGA

Tgt Ion: 77 Resp: 63688

Ion	Ratio	Lower	Upper
77	100		
182	81.0	6.1	46.1#
105	152.4	2.1	42.1#
51	38.2	10.0	50.0

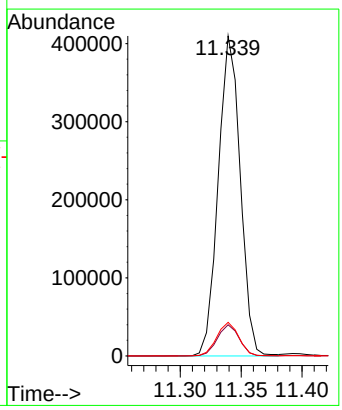


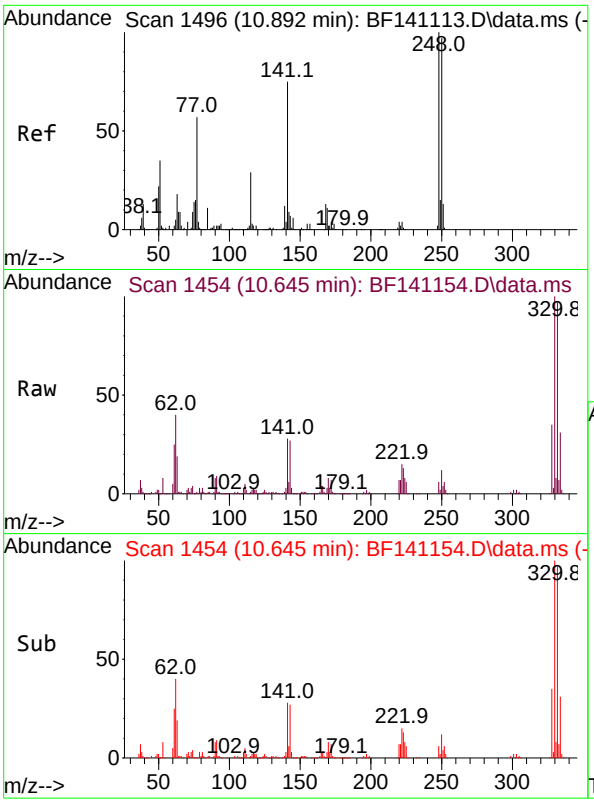


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Tgt Ion:188 Resp: 515651

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.3	12.5
80	10.5	9.0	13.4



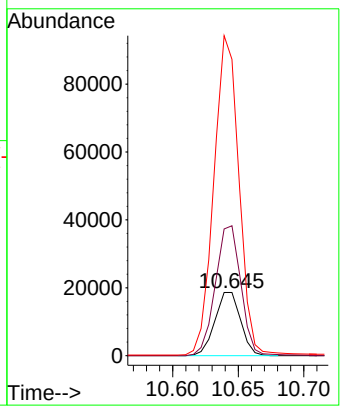


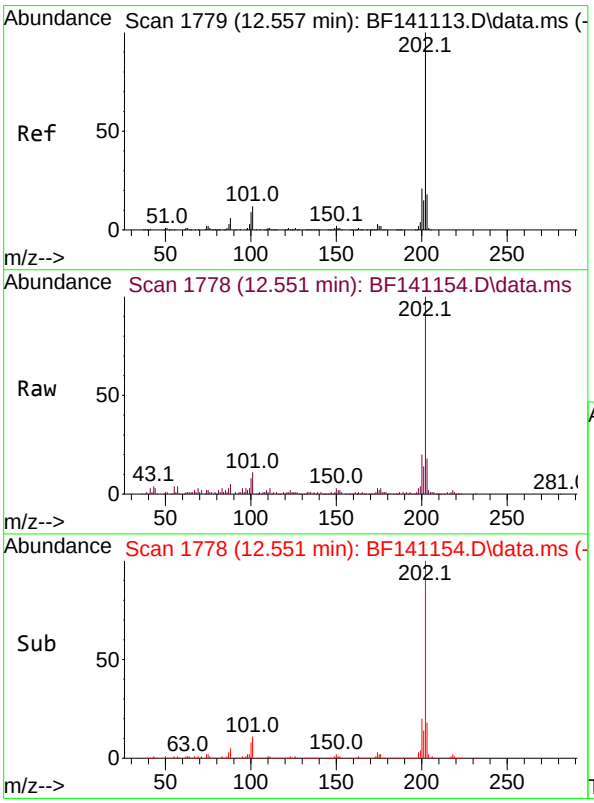
#67
4-Bromophenyl-phenylether
Concen: 4.271 ng
RT: 10.645 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGA

Tgt Ion:248 Resp: 25358

Ion	Ratio	Lower	Upper
248	100		
250	205.3	77.9	116.9#
141	468.4	59.9	89.9#

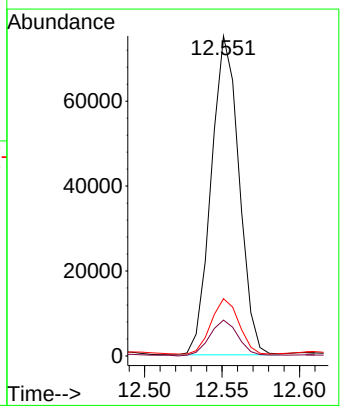


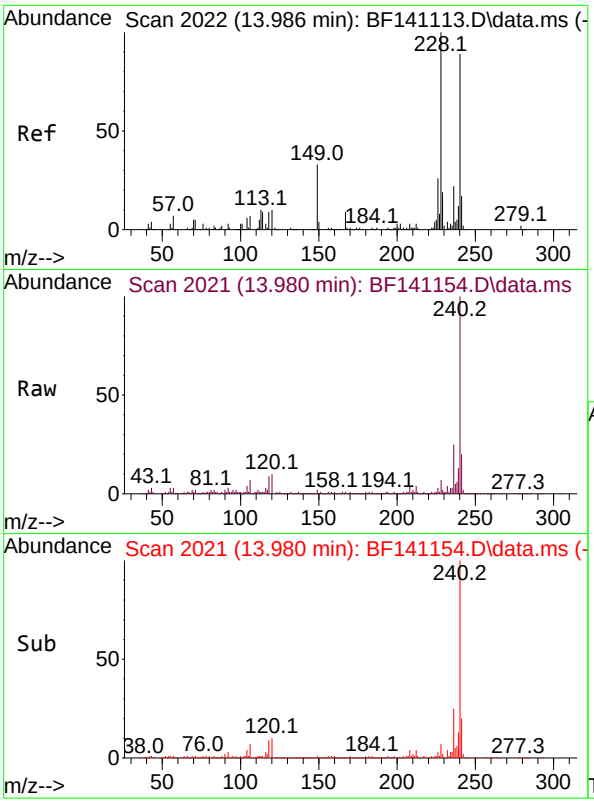


#75
Fluoranthene
Concen: 3.395 ng
RT: 12.551 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Tgt Ion:202 Resp: 93777

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	32.3
203	17.9	0.0	37.7



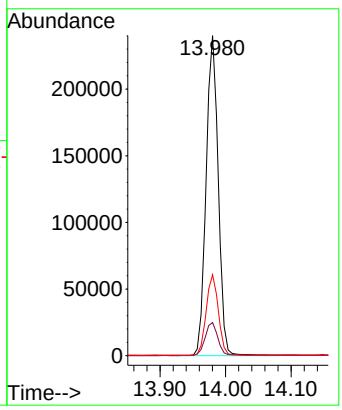


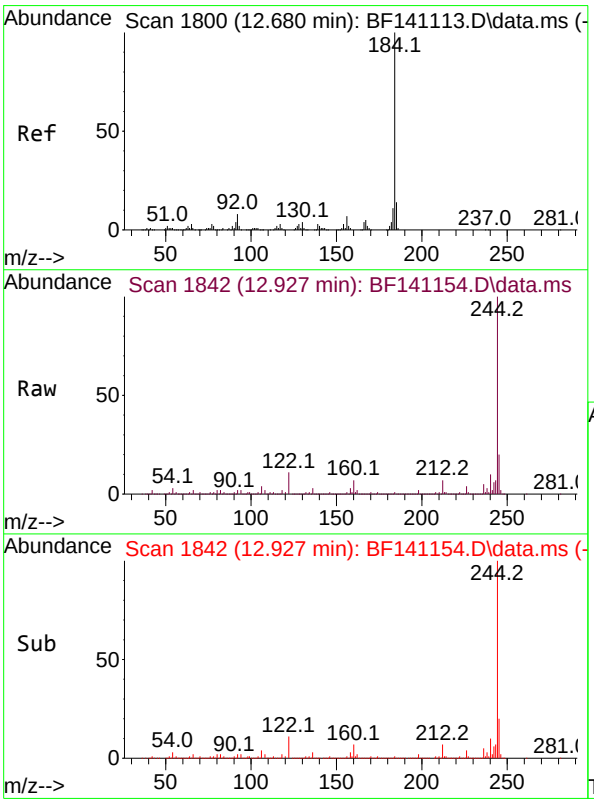
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGA

Tgt Ion:240 Resp: 309986

Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.1	13.7
236	25.3	19.8	29.6

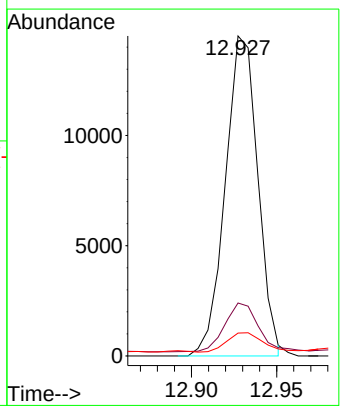


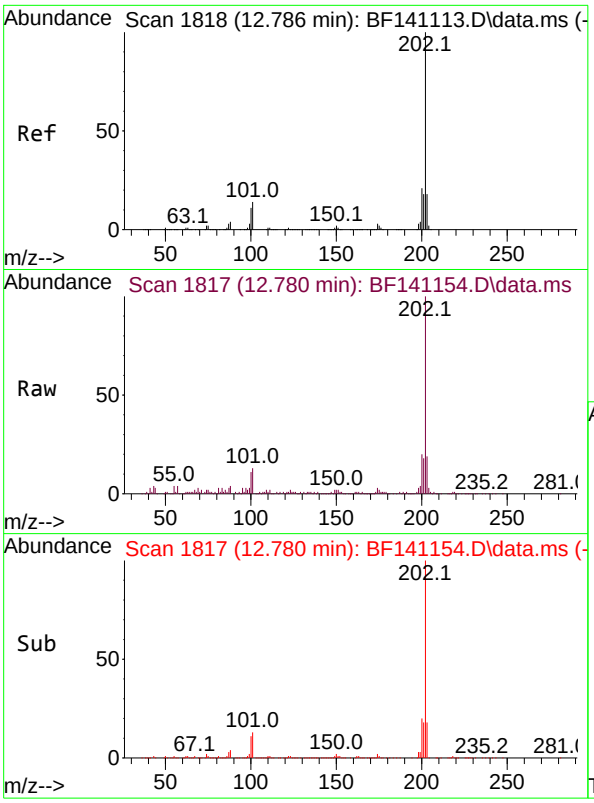


#77
Benzidine
Concen: 3.353 ng
RT: 12.927 min Scan# 1842
Delta R.T. 0.247 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Tgt Ion:184 Resp: 19272

Ion	Ratio	Lower	Upper
184	100		
185	16.6	11.4	17.0
183	7.2	9.2	13.8#



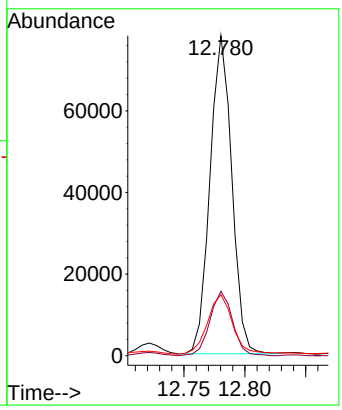


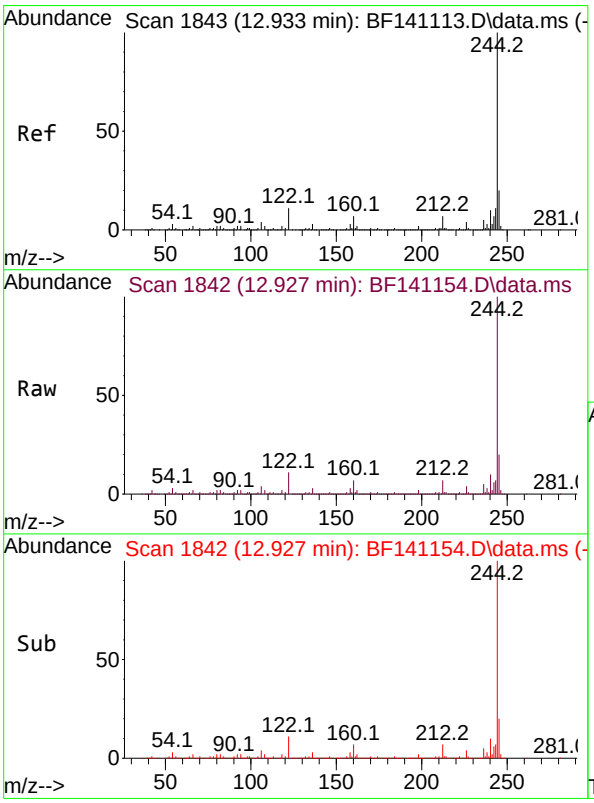
#78
Pyrene
Concen: 3.281 ng
RT: 12.780 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGA

Tgt Ion:202 Resp: 97156

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.8	25.2
203	19.1	14.3	21.5

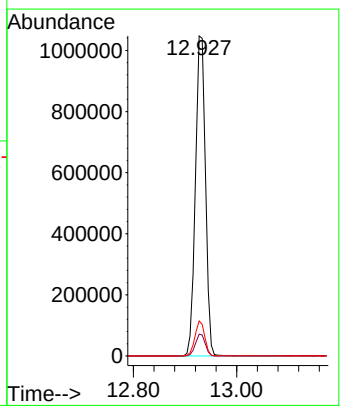


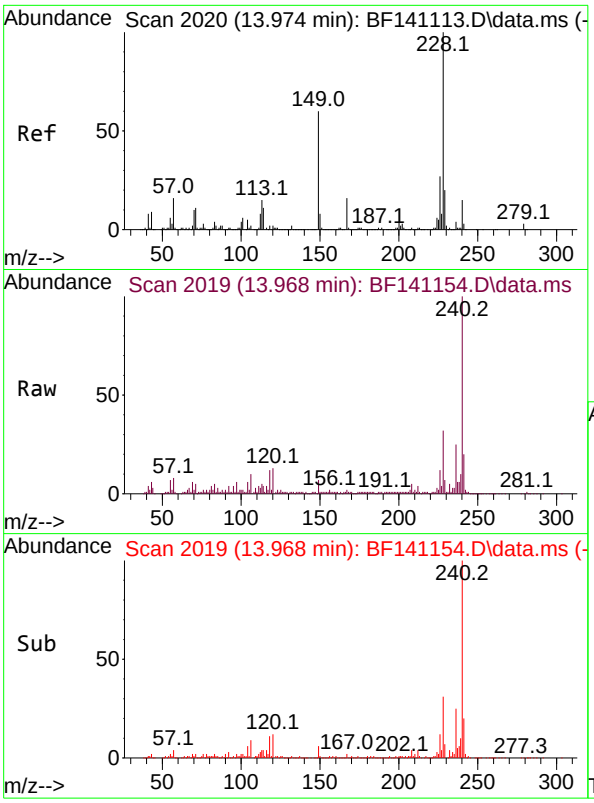


#79
Terphenyl-d14
Concen: 67.719 ng
RT: 12.927 min Scan# 1842
Delta R.T. -0.006 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Tgt Ion:244 Resp: 1412348

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	10.9	8.8	13.2



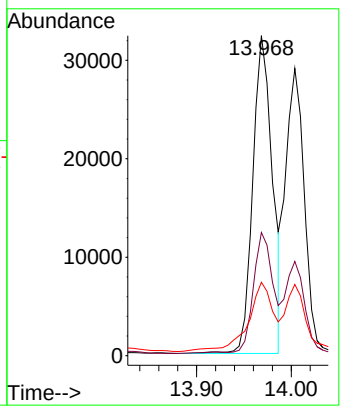


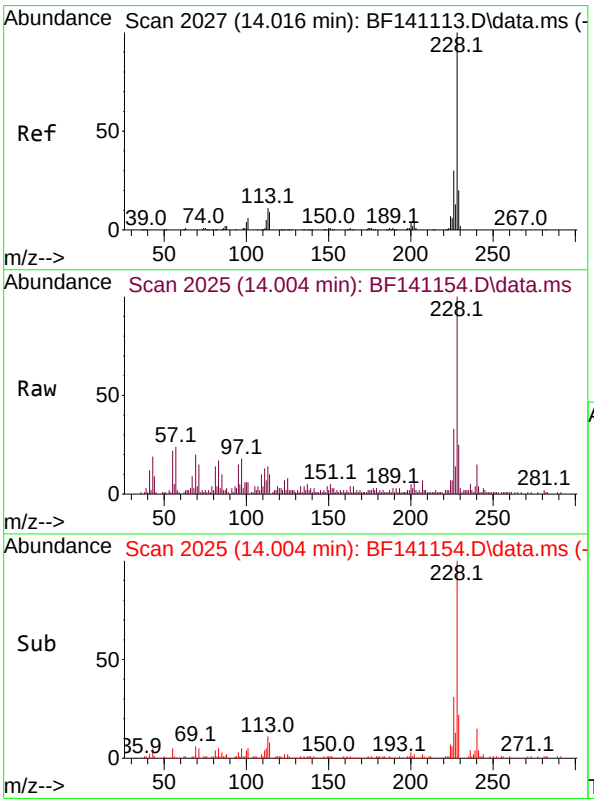
#81
Benzo(a)anthracene
Concen: 2.202 ng
RT: 13.968 min Scan# 2
Delta R.T. -0.006 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGA

Tgt Ion:228 Resp: 46462

Ion	Ratio	Lower	Upper
228	100		
226	38.5	21.7	32.5#
229	22.9	15.7	23.5

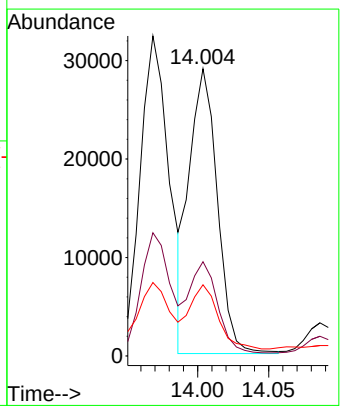


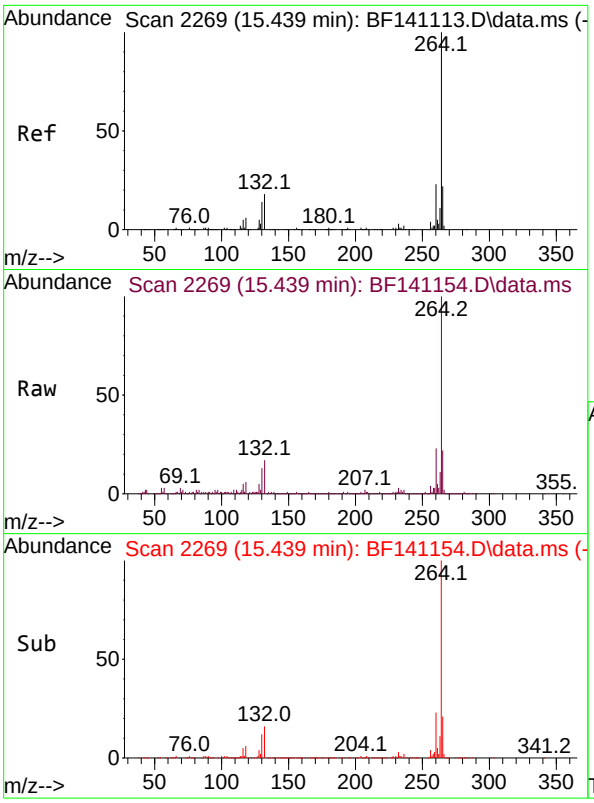


#83
Chrysene
Concen: 2.015 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Tgt Ion:228 Resp: 39779

Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.8	35.8
229	24.8	15.8	23.8#



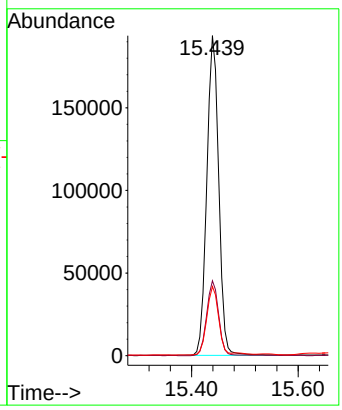


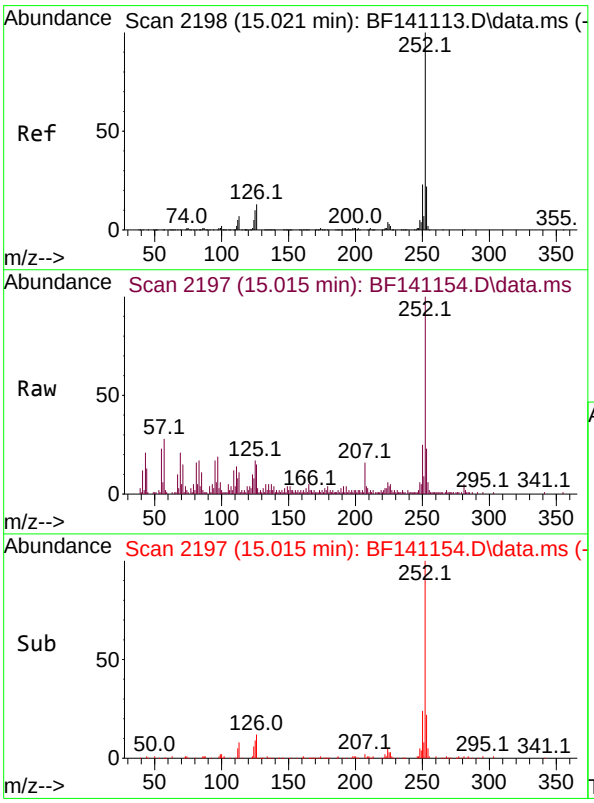
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2
Delta R.T. -0.000 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGA

Tgt Ion:264 Resp: 300451

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.6	17.4	26.0

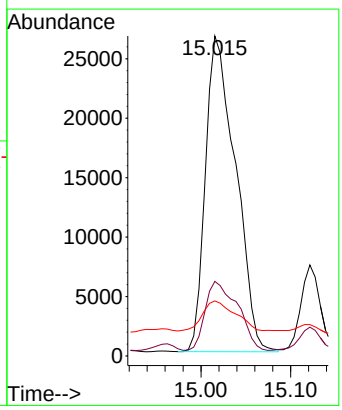


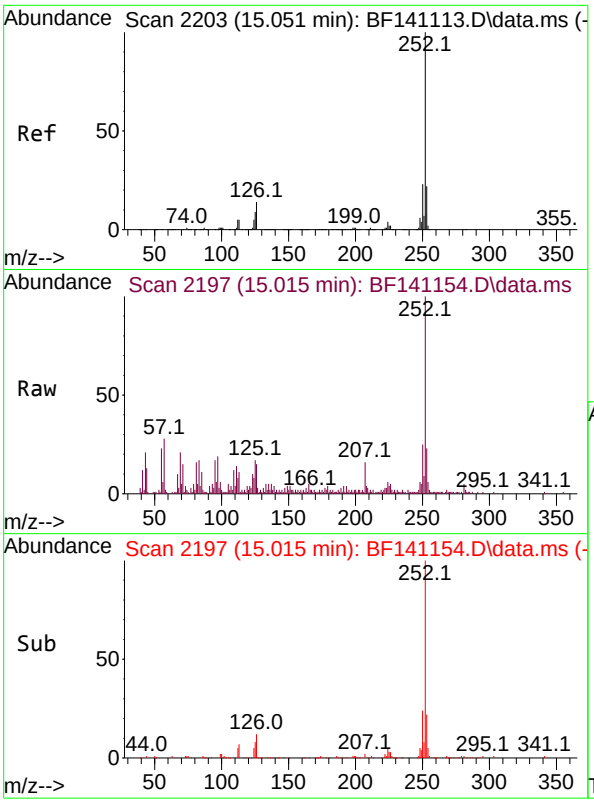


#88
Benzo(b)fluoranthene
Concen: 3.198 ng
RT: 15.015 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Tgt Ion:252 Resp: 61960

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.6
125	17.2	8.1	12.1#



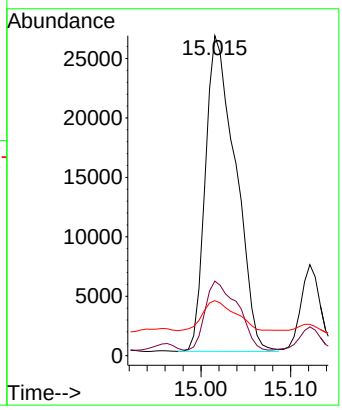


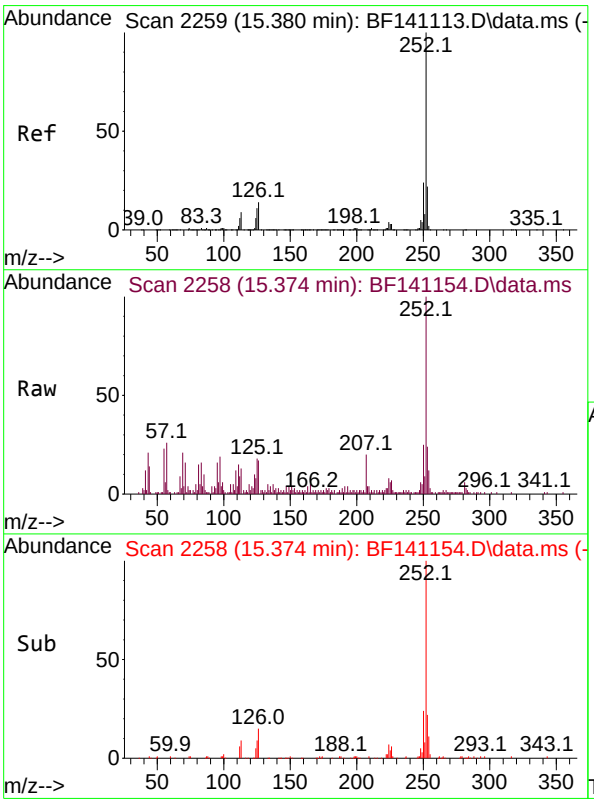
#89
Benzo(k)fluoranthene
Concen: 3.784 ng
RT: 15.015 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGA

Tgt Ion:252 Resp: 61960

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.8	26.8
125	17.2	7.9	11.9#





#90
Benzo(a)pyrene
Concen: 2.242 ng
RT: 15.374 min Scan# 2258
Delta R.T. -0.006 min
Lab File: BF141154.D
Acq: 14 Jan 2025 19:04

Tgt Ion:252 Resp: 35838

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.7	26.5
125	18.0	9.1	13.7#