Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131171.D
Acq On : 12 Nov 2022 00:53
Operator : CG\JU
Sample : N5556-08 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RM-8

Quant Time: Nov 12 01:38:42 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 12 00:03:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	57607	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	239640	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	120234	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	217307	20.000	ng		0.00
76) Chrysene-d12	14.062	240	152462	20.000	ng	#	0.00
86) Perylene-d12	15.562	264	115344	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	107141	31.629	ng		0.00
7) Phenol-d6	6.498	99	175721	39.678	ng		0.00
23) Nitrobenzene-d5	7.434	82	136998	25.794	ng		-0.01
42) 2,4,6-Tribromophenol	10.710	330	12409	9.986	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	209882	24.368	ng		0.00
79) Terphenyl-d14	12.998	244	275857	31.724	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	11.433	178	32361	2.708	ng		98
75) Fluoranthene	12.627	202	43337	3.622	ng		97
78) Pyrene	12.857	202	44670	3.415	ng		98
87) Indeno(1,2,3-cd)pyrene	17.068	276	7617	4.607	ng		93
92) Benzo(g,h,i)perylene	17.533	276	7265	5.180	ng	#	54

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111122\
Data File : BF131171.D
Acq On : 12 Nov 2022 00:53
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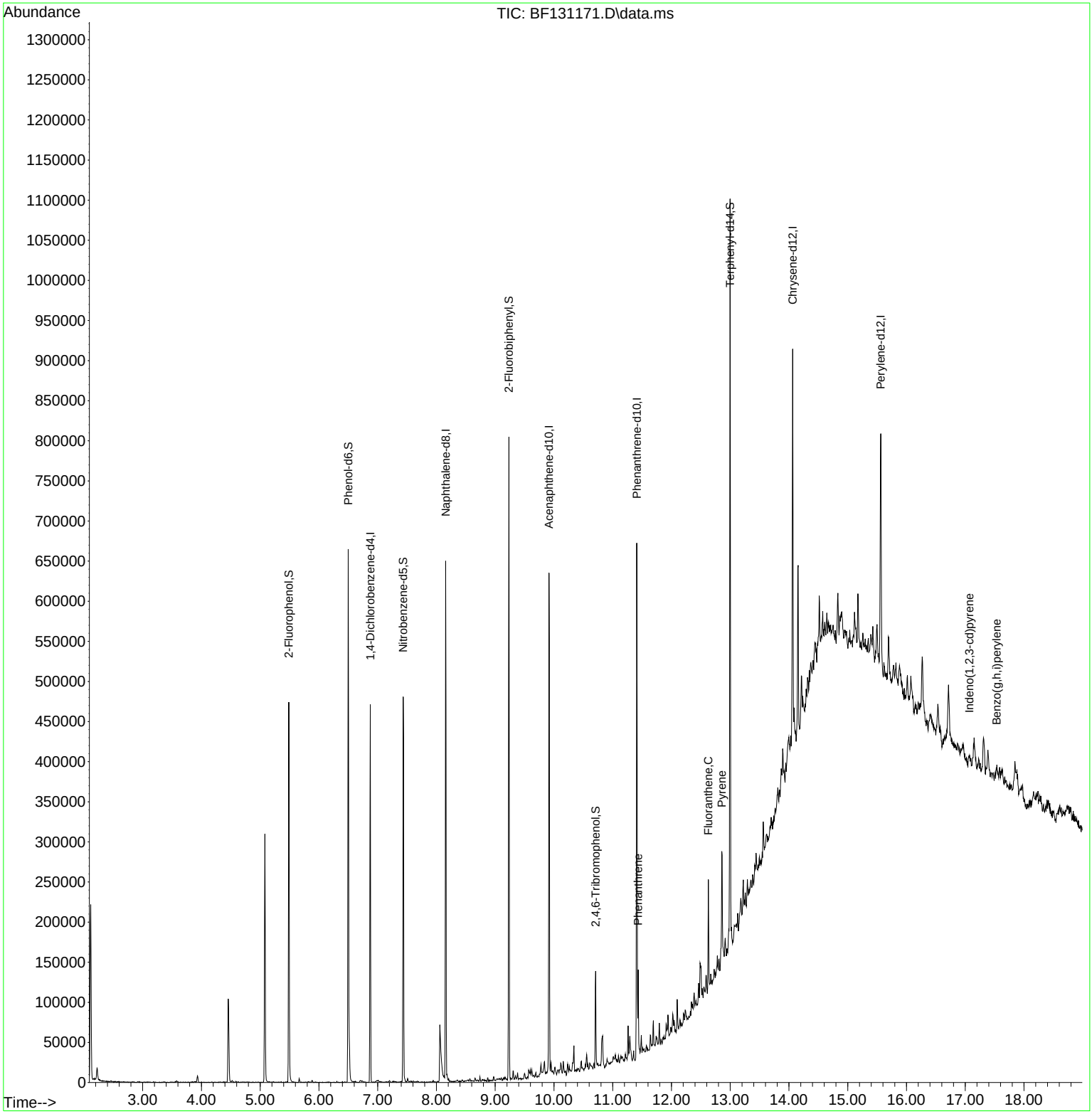
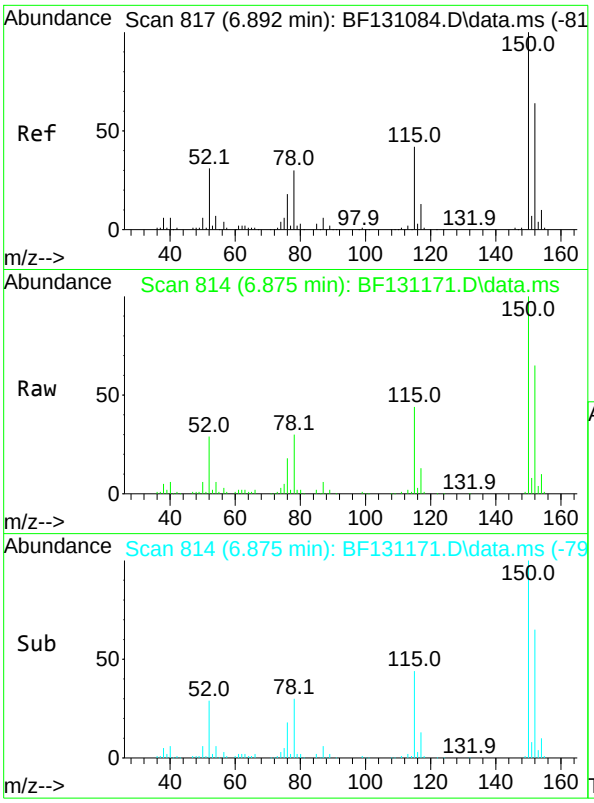


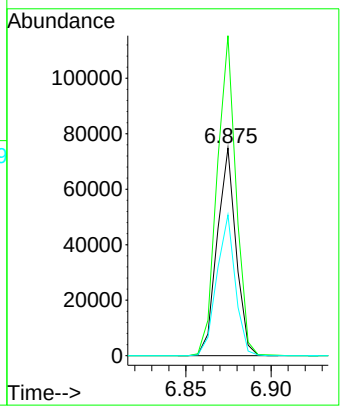


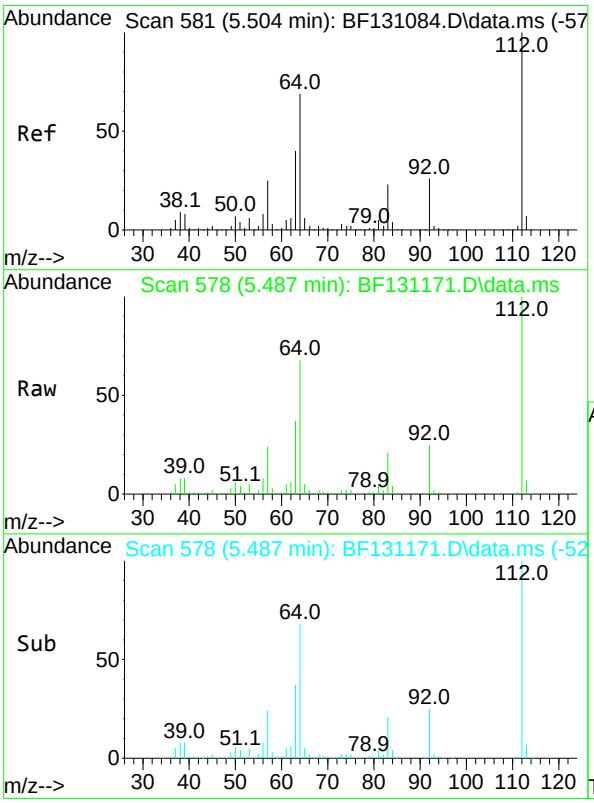
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 8
Delta R.T. -0.000 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Instrument :
BNA_F
ClientSampleId :
RM-8

Tgt Ion:152 Resp: 57607

Ion	Ratio	Lower	Upper
152	100		
150	154.1	125.5	188.3
115	67.8	52.2	78.2

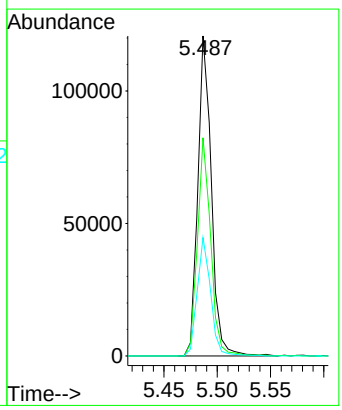


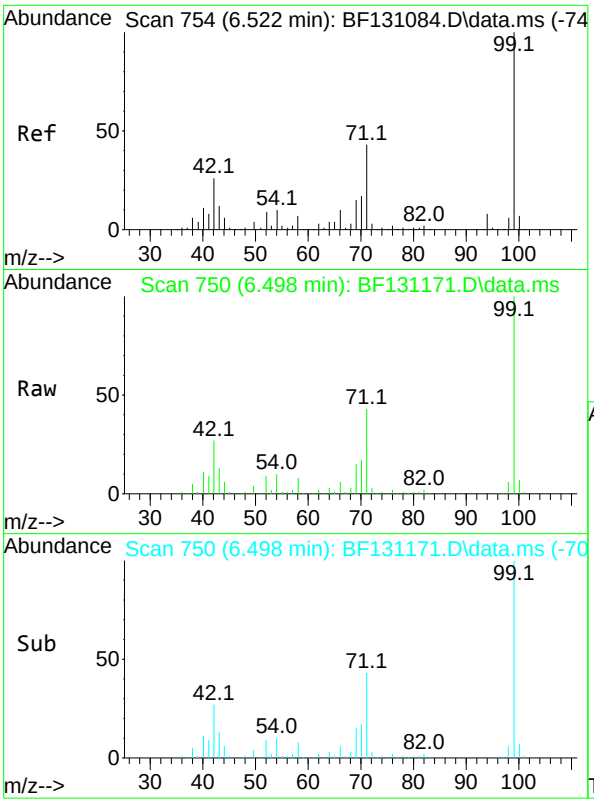


#5
2-Fluorophenol
Concen: 31.629 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Tgt Ion:112 Resp: 107141

Ion	Ratio	Lower	Upper
112	100		
64	68.2	55.1	82.7
63	37.0	32.4	48.6



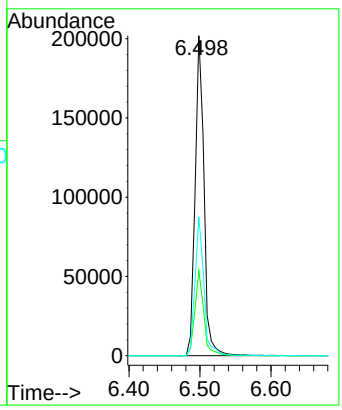


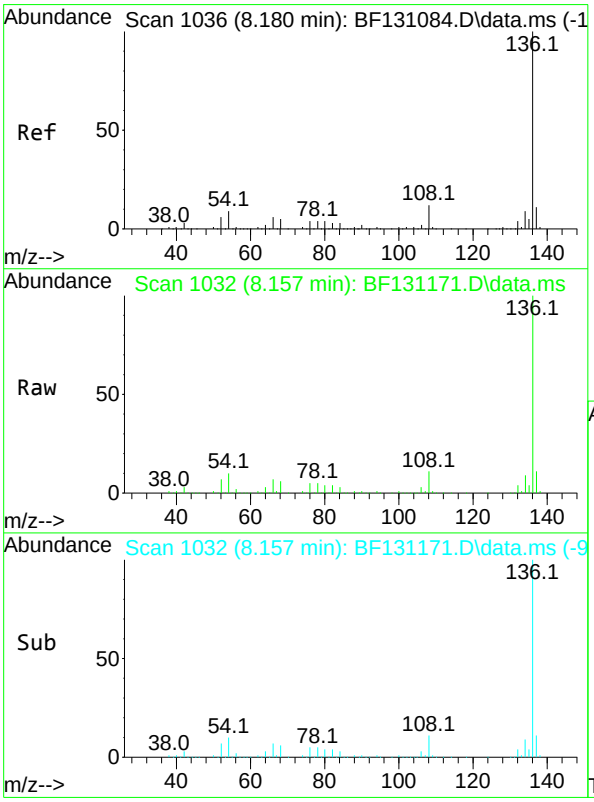
#7
Phenol-d6
Concen: 39.678 ng
RT: 6.498 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Instrument :
BNA_F
ClientSampleId :
RM-8

Tgt Ion: 99 Resp: 175721

Ion	Ratio	Lower	Upper
99	100		
42	26.5	20.8	31.2
71	43.3	34.2	51.4

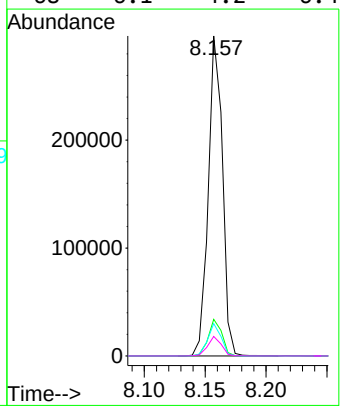


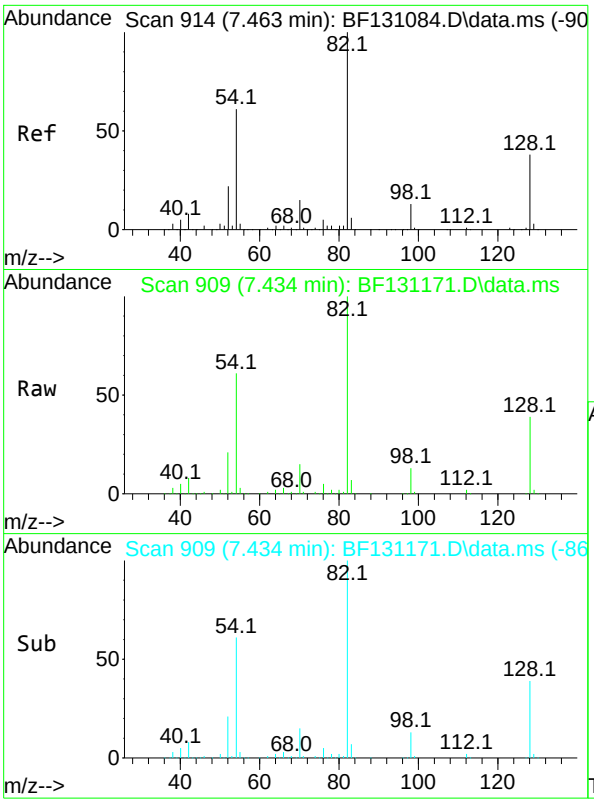


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Tgt Ion:136 Resp: 239640

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	12.8
54	10.1	7.2	10.8
68	6.1	4.2	6.4



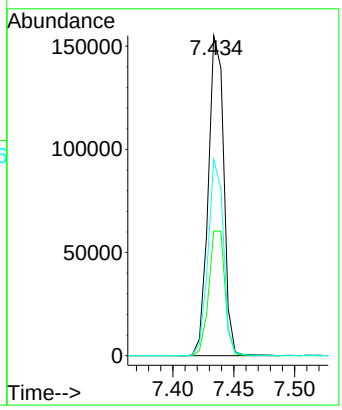


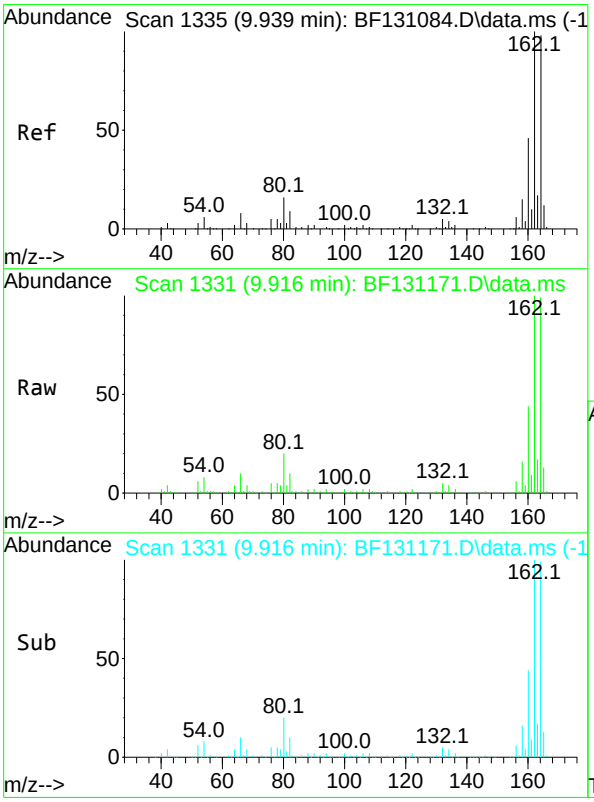
#23
Nitrobenzene-d5
Concen: 25.794 ng
RT: 7.434 min Scan# 9
Delta R.T. -0.012 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Instrument :
BNA_F
ClientSampleId :
RM-8

Tgt Ion: 82 Resp: 136998

Ion	Ratio	Lower	Upper
82	100		
128	38.9	30.5	45.7
54	61.4	49.1	73.7

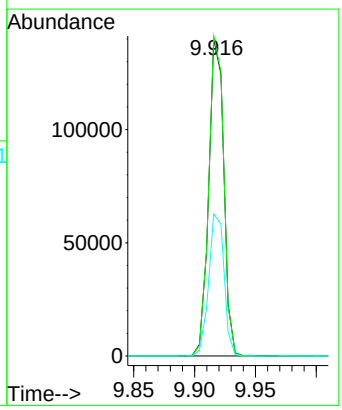


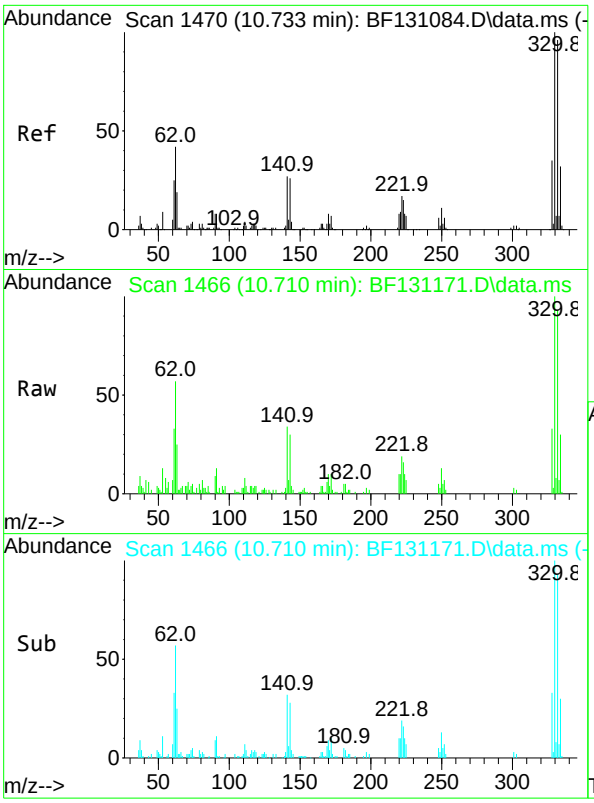


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Tgt Ion:164 Resp: 120234

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.7	122.5
160	44.8	37.4	56.2



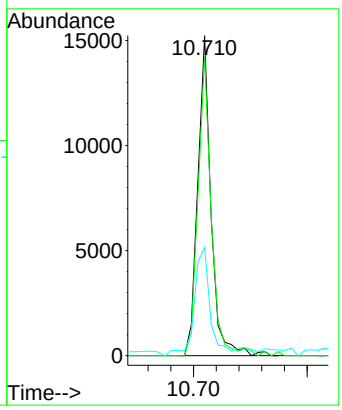


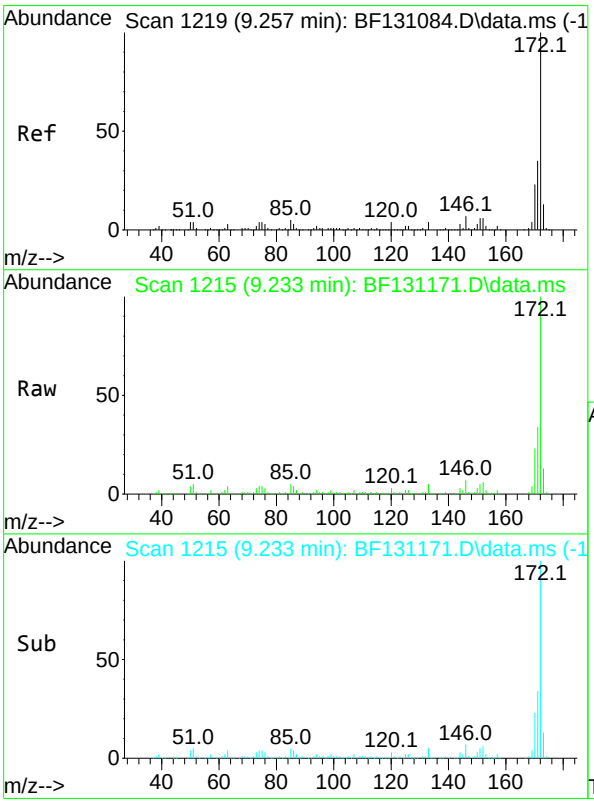
#42
2,4,6-Tribromophenol
Concen: 9.986 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Instrument :
BNA_F
ClientSampleId :
RM-8

Tgt Ion:330 Resp: 12409

Ion	Ratio	Lower	Upper
330	100		
332	93.6	77.0	115.4
141	40.0	28.5	42.7

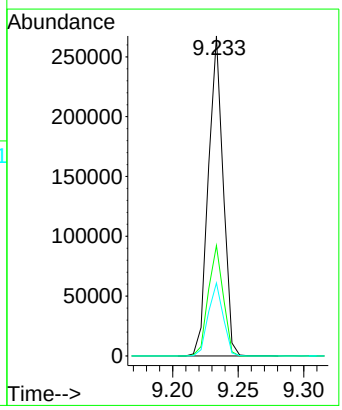


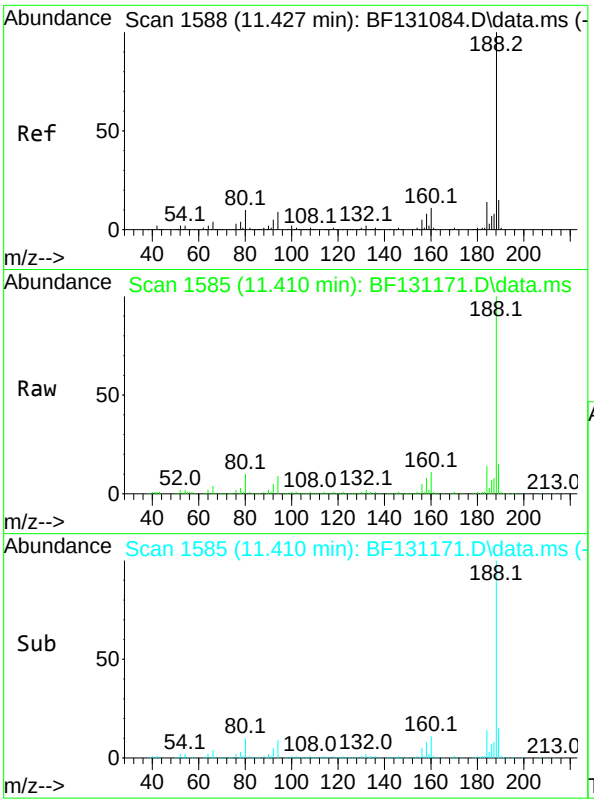


#45
2-Fluorobiphenyl
Concen: 24.368 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Tgt Ion:172 Resp: 209882

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.7	41.5
170	22.8	18.8	28.2



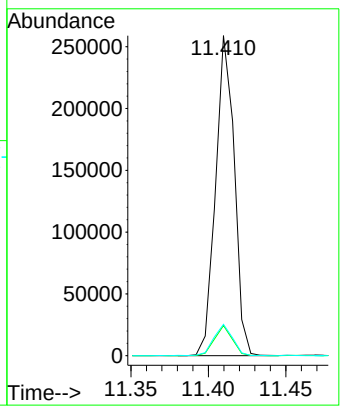


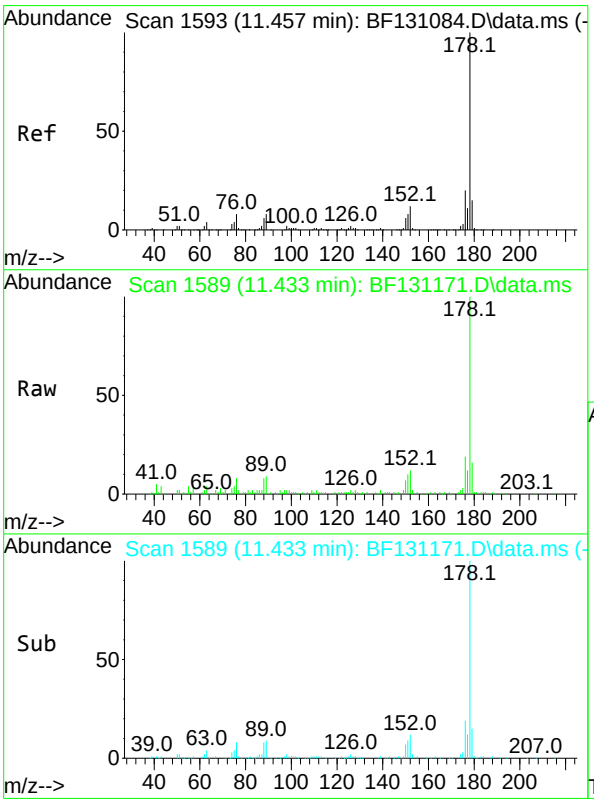
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Instrument :
BNA_F
ClientSampleId :
RM-8

Tgt Ion:188 Resp: 217307

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.6
80	9.8	7.9	11.9

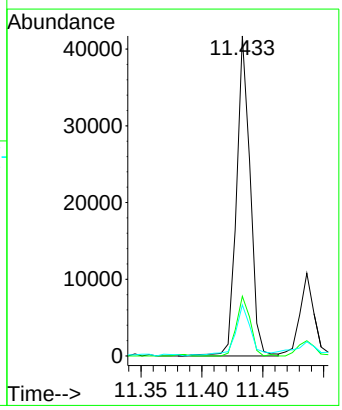


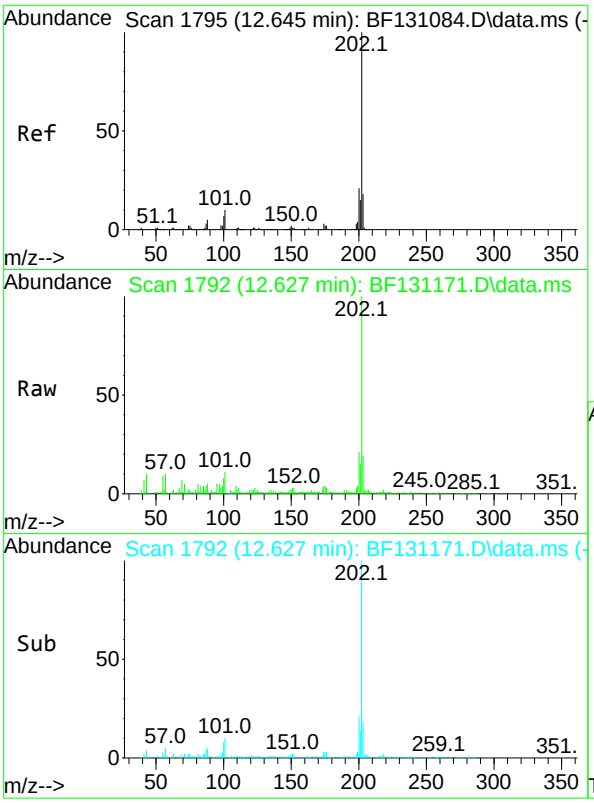


#71
Phenanthrene
Concen: 2.708 ng
RT: 11.433 min Scan# 1589
Delta R.T. -0.000 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Tgt Ion:178 Resp: 32361

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.8	23.8
179	16.0	12.2	18.2



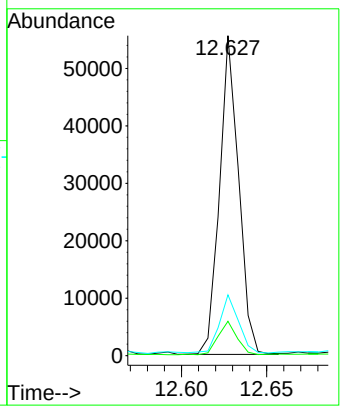


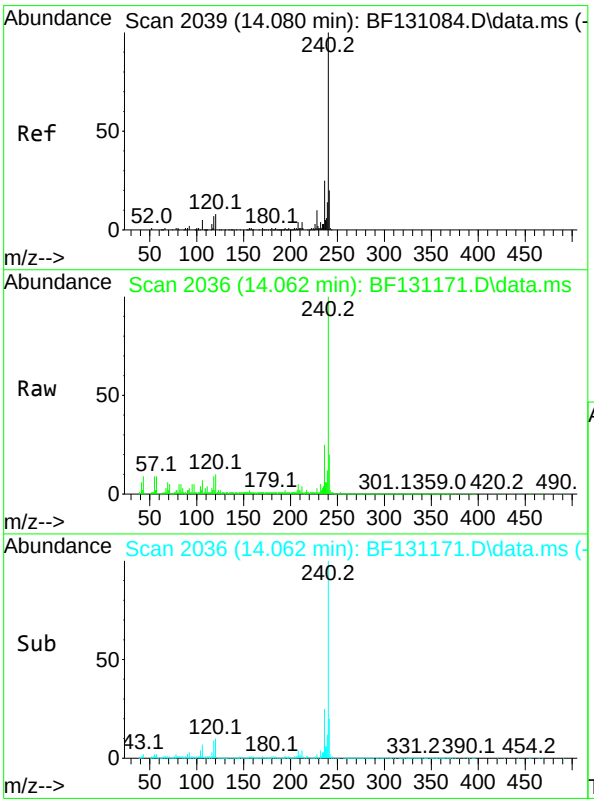
#75
Fluoranthene
Concen: 3.622 ng
RT: 12.627 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Instrument :
BNA_F
ClientSampleId :
RM-8

Tgt Ion:202 Resp: 43337

Ion	Ratio	Lower	Upper
202	100		
101	10.8	0.0	30.0
203	19.0	0.0	37.7

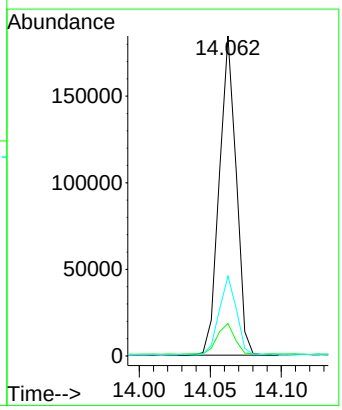


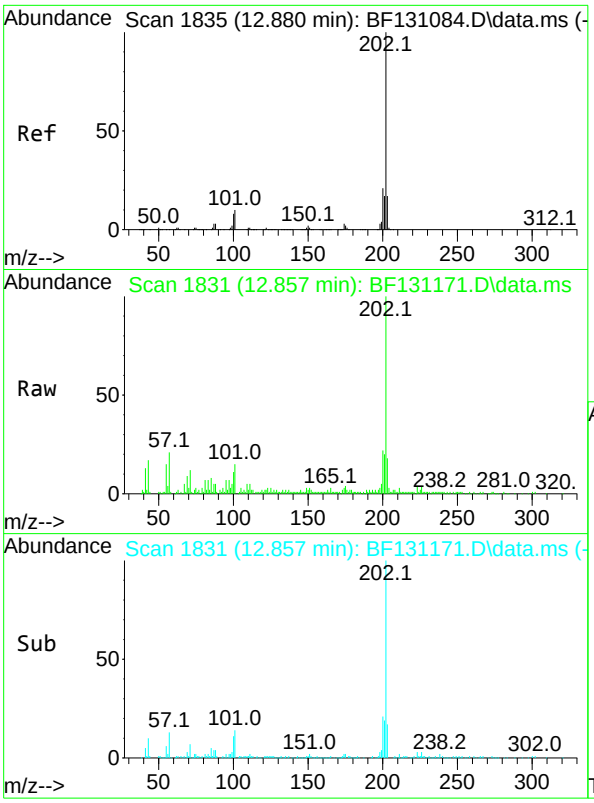


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2036
Delta R.T. 0.006 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Tgt Ion:240 Resp: 152462

Ion	Ratio	Lower	Upper
240	100		
120	10.1	6.5	9.7#
236	25.0	19.7	29.5



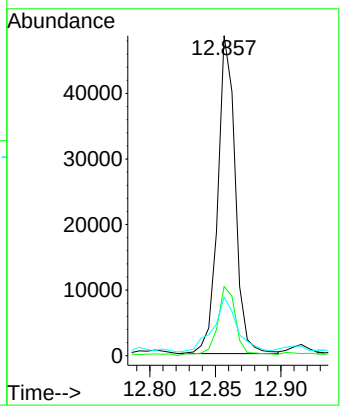


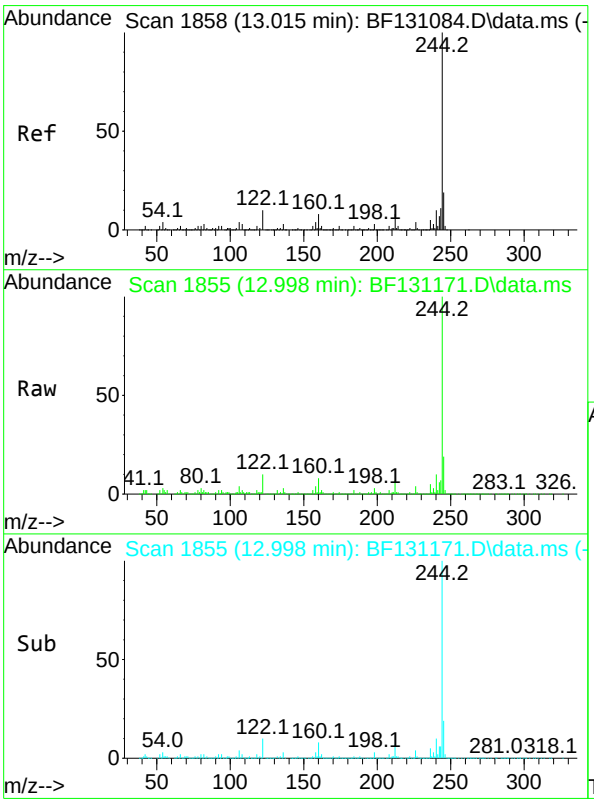
#78
Pyrene
Concen: 3.415 ng
RT: 12.857 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Instrument :
BNA_F
ClientSampleId :
RM-8

Tgt Ion:202 Resp: 44670

Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.8	25.2
203	18.2	13.6	20.4

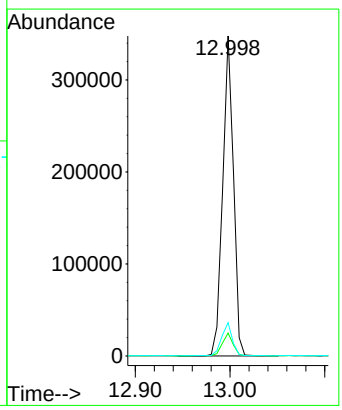


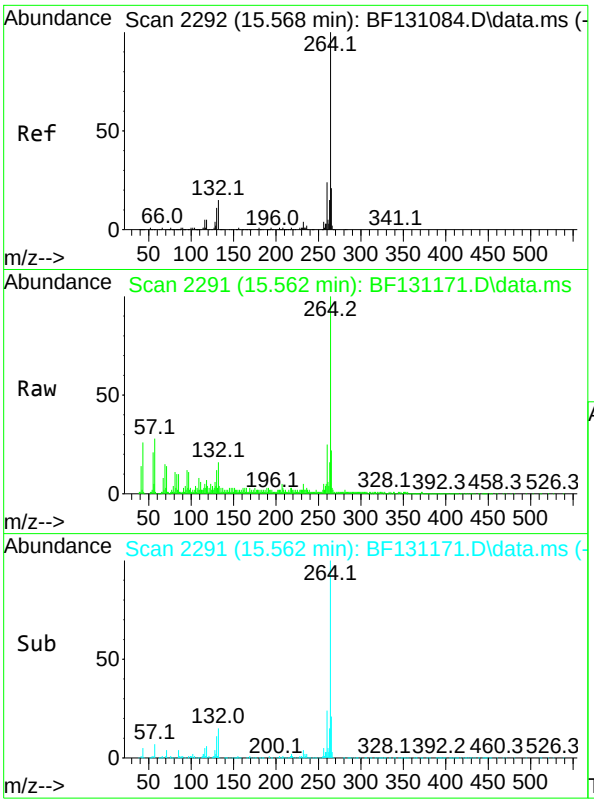


#79
Terphenyl-d14
Concen: 31.724 ng
RT: 12.998 min Scan# 1855
Delta R.T. -0.000 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Tgt Ion:244 Resp: 275857

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.2	9.2
122	10.4	7.8	11.8



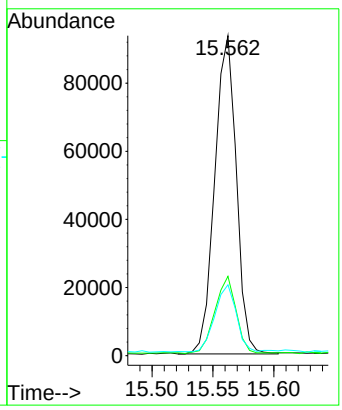


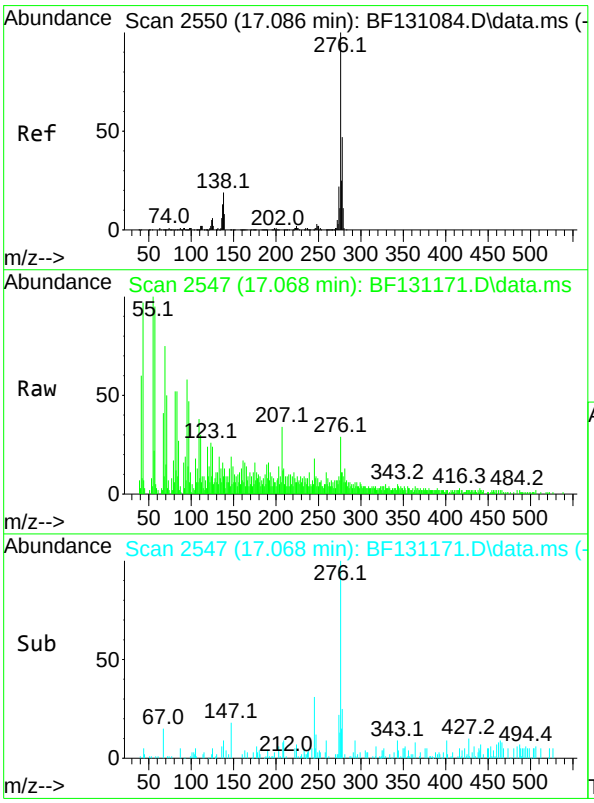
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2
Delta R.T. 0.017 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Instrument :
BNA_F
ClientSampleId :
RM-8

Tgt Ion:264 Resp: 115344

Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.1	28.7
265	22.2	16.7	25.1

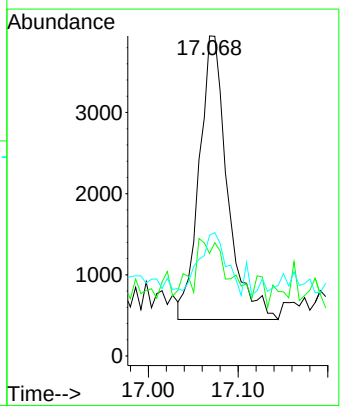


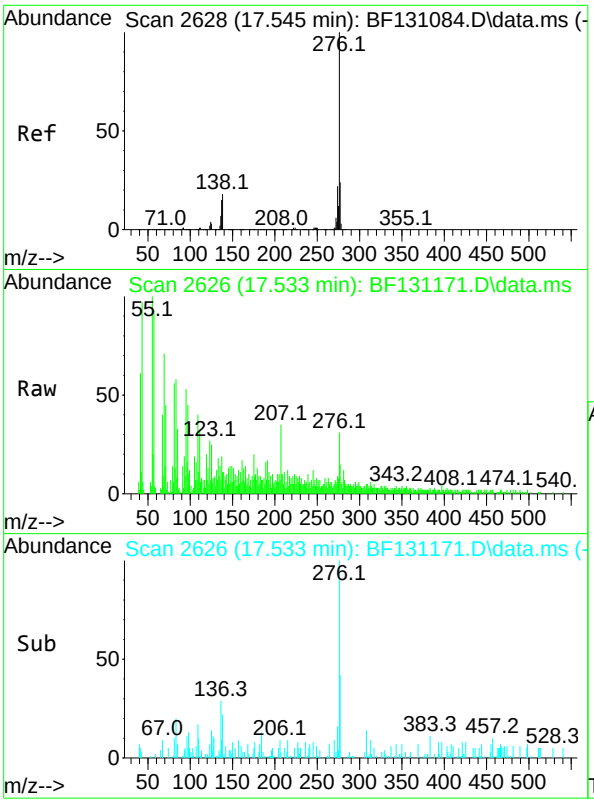


#87
Indeno(1,2,3-cd)pyrene
Concen: 4.607 ng
RT: 17.068 min Scan# 2547
Delta R.T. 0.012 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Tgt Ion:276 Resp: 7617

Ion	Ratio	Lower	Upper
276	100		
138	23.9	16.9	25.3
277	21.1	20.3	30.5





#92
Benzo(g,h,i)perylene
Concen: 5.180 ng
RT: 17.533 min Scan# 2
Delta R.T. 0.017 min
Lab File: BF131171.D
Acq: 12 Nov 2022 00:53

Instrument :
BNA_F
ClientSampleId :
RM-8

Tgt Ion:276 Resp: 7265

Ion	Ratio	Lower	Upper
276	100		
277	49.6	19.0	28.4#
138	34.3	14.6	21.8#