Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
Data File : BN013269.D
Acq On : 22 Dec 2020 12:47
Operator : CG/JU
Sample : L5124-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE131D3-20201211

Quant Time: Dec 22 14:23:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.338	152	545	0.40	ng	0.00
7) Naphthalene-d8	10.112	136	1962	0.40	ng	# 0.01
13) Acenaphthene-d10	13.991	164	1341	0.40	ng	0.00
19) Phenanthrene-d10	16.775	188	2900	0.40	ng	# 0.01
29) Chrysene-d12	21.003	240	3360	0.40	ng	# 0.00
36) Perylene-d12	23.083	264	3853	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	243	0.11	ng	0.00
5) Phenol-d6	6.573	99	120	0.05	ng	0.03
8) Nitrobenzene-d5	8.541	82	551	0.27	ng	0.04
11) 2-Methylnaphthalene-d10	11.724	152	1030	0.30	ng	0.02
14) 2,4,6-Tribromophenol	15.526	330	234	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.621	172	1576	0.28	ng	0.01
27) Fluoranthene-d10	18.813	212	3779	0.40	ng	0.00
31) Terphenyl-d14	19.429	244	3244	0.38	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.925	88	1912	2.01	ng	98
32) Benzo(a)anthracene	20.992	228	354	0.03	ng	# 62
33) Chrysene	21.035	228	382	0.03	ng	# 72
37) Benzo(b)fluoranthene	22.477	252	472	0.03	ng	# 1
38) Benzo(k)fluoranthene	22.514	252	498	0.03	ng	# 1
39) Benzo(a)pyrene	23.000	252	449	0.03	ng	# 1
40) Dibenzo(a,h)anthracene	25.150	278	353	0.02	ng	# 1
41) Benzo(g,h,i)perylene	25.763	276	594	0.04	ng	# 39

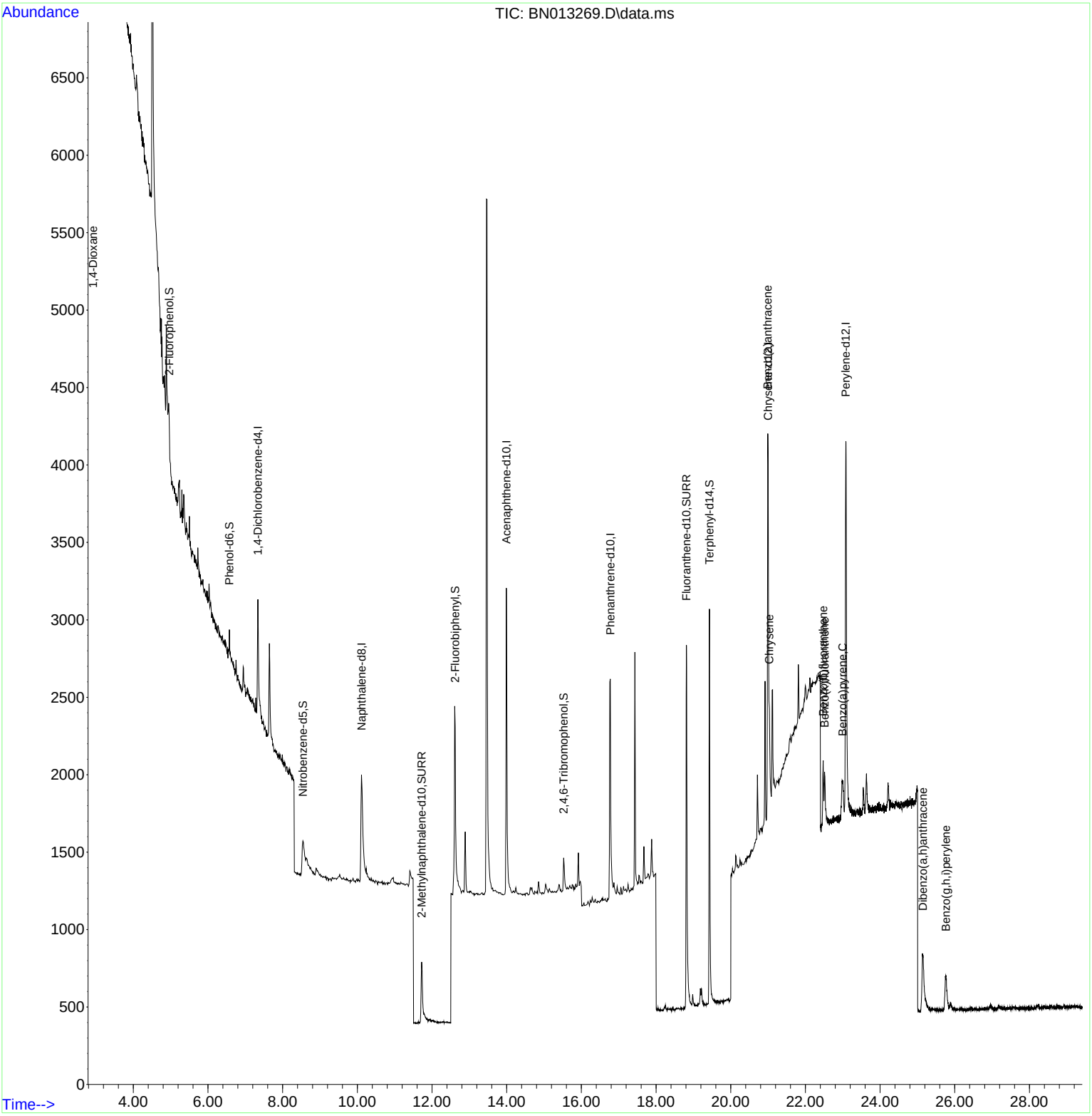
(#) = qualifier out of range (m) = manual integration (+) = signals summed

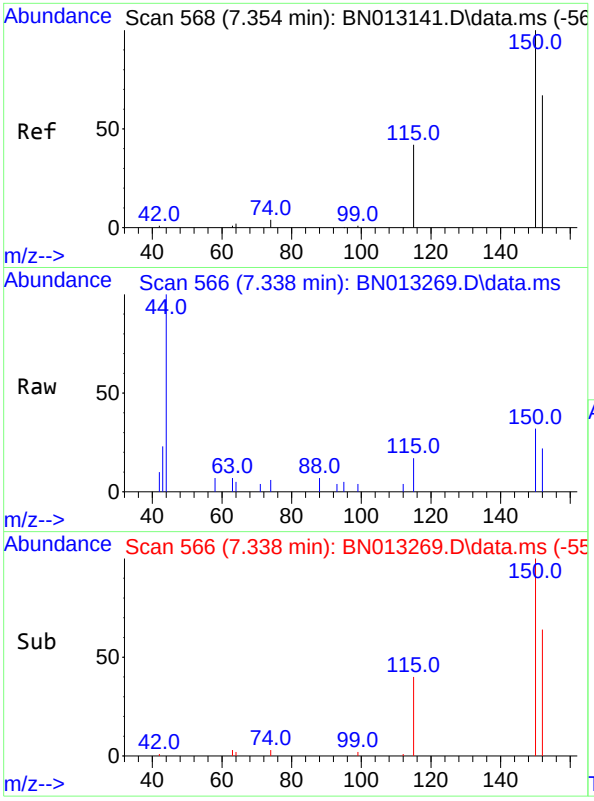
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122220\
Data File : BN013269.D
Acq On : 22 Dec 2020 12:47
Operator : CG/JU
Sample : L5124-02
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE131D3-20201211

Quant Time: Dec 22 14:23:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration

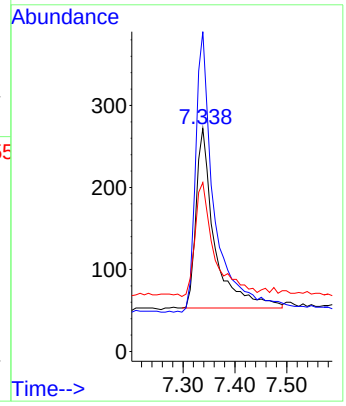




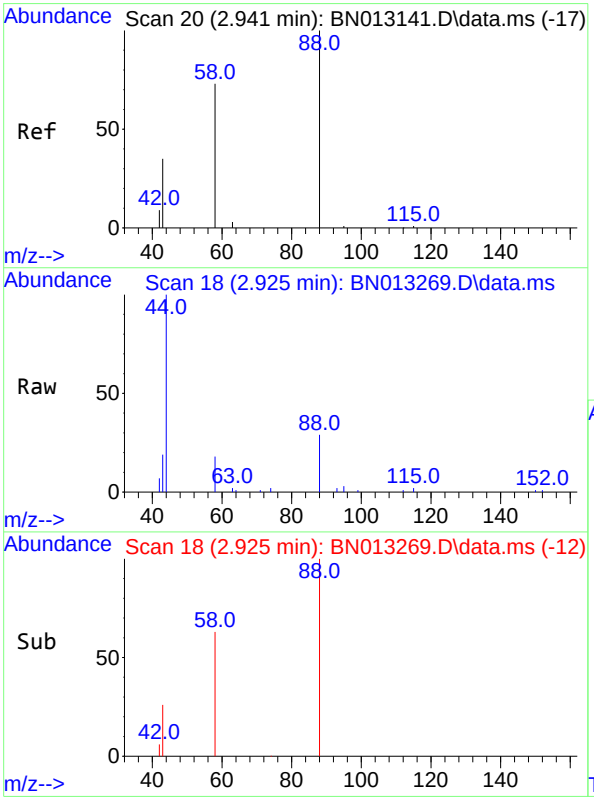
#1
1,4-Dichlorobenzene-d4
Concen: 0.40 ng
RT: 7.338 min Scan# 566
Delta R.T. 0.008 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:152 Resp: 545

Ion	Ratio	Lower	Upper
152	100		
150	143.4	116.6	174.8
115	75.7	52.9	79.3



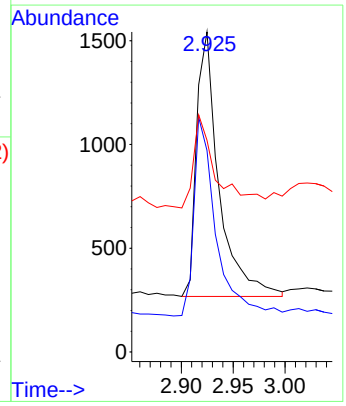
Instrument :
BNA_N
ClientSampleId :
RE131D3-20201211

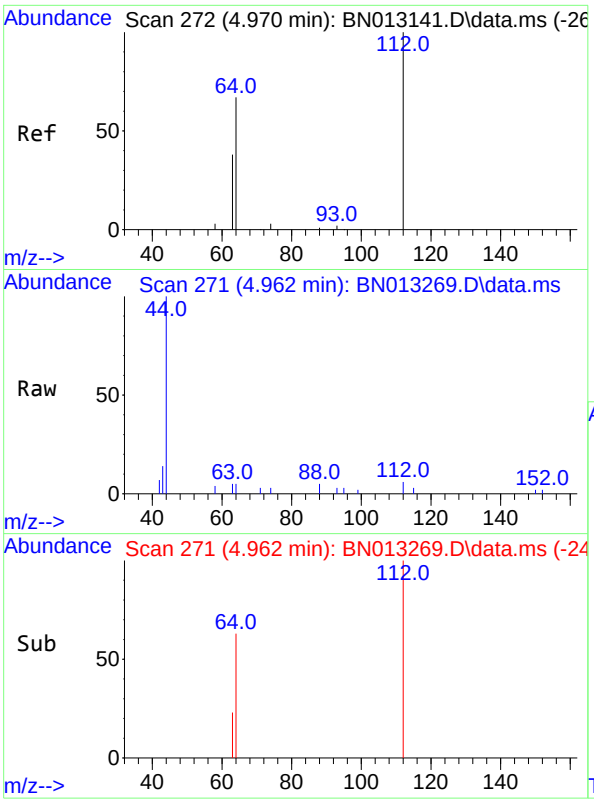


#2
1,4-Dioxane
Concen: 2.01 ng
RT: 2.925 min Scan# 18
Delta R.T. 0.000 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion: 88 Resp: 1912

Ion	Ratio	Lower	Upper
88	100		
58	74.1	59.4	89.2
43	36.7	32.3	48.5

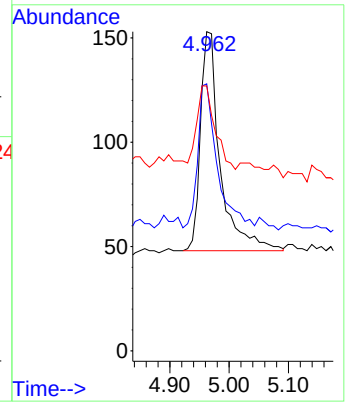




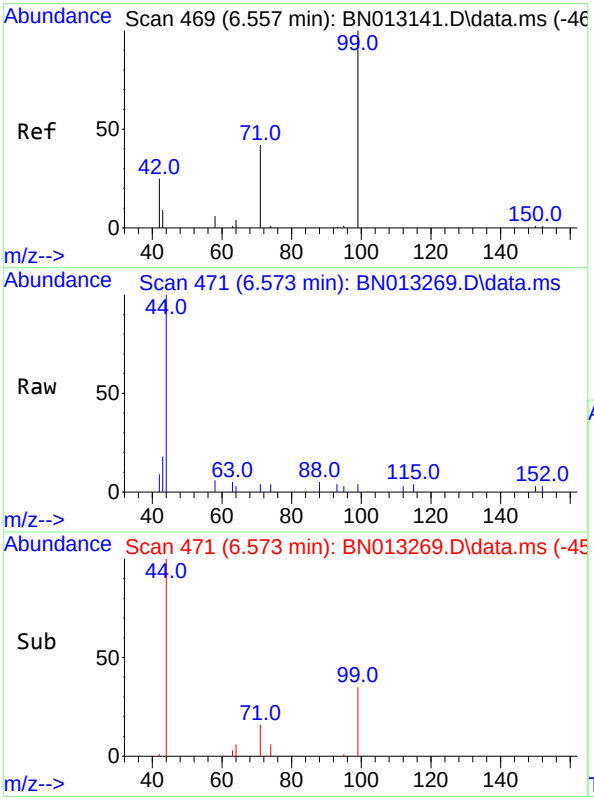
#4
2-Fluorophenol
Concen: 0.11 ng
RT: 4.962 min Scan# 271
Delta R.T. 0.008 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:112 Resp: 243

Ion	Ratio	Lower	Upper
112	100		
64	64.2	49.5	74.3
63	35.4	32.0	48.0



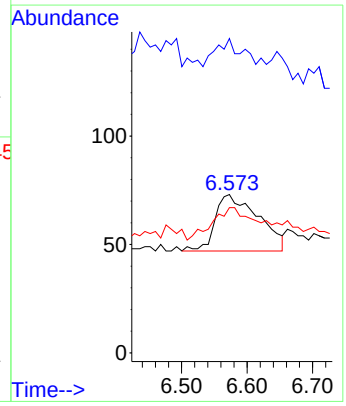
Instrument :
BNA_N
ClientSampleId :
RE131D3-20201211



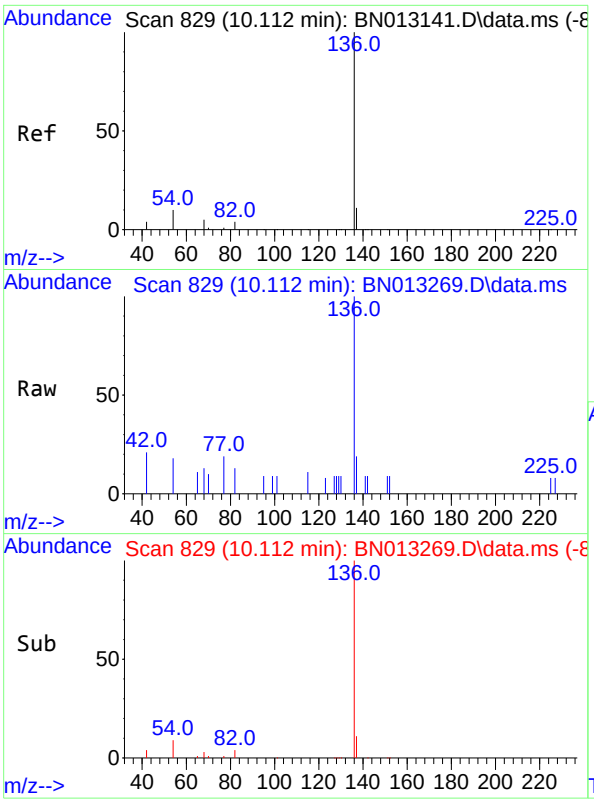
#5
Phenol-d6
Concen: 0.05 ng
RT: 6.573 min Scan# 471
Delta R.T. 0.032 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion: 99 Resp: 120

Ion	Ratio	Lower	Upper
99	100		
42	42.5	22.4	33.6#
71	57.5	37.8	56.6#



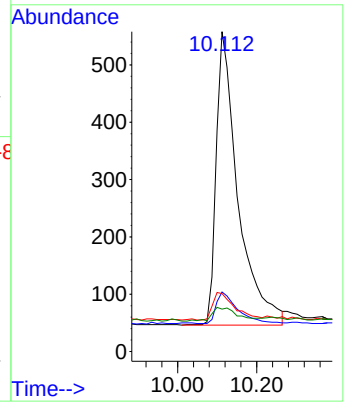
Instrument :
BNA_N
ClientSampleId :
RE131D3-20201211

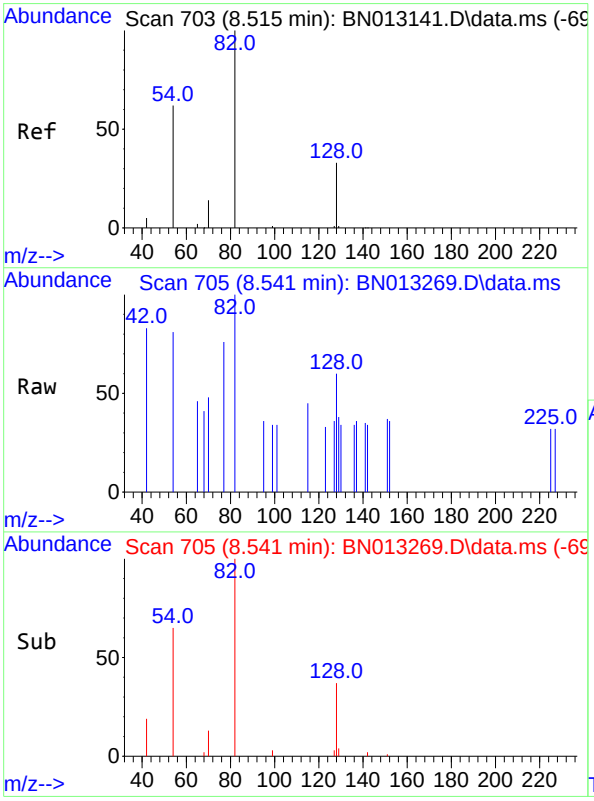


#7
Naphthalene-d8
Concen: 0.40 ng
RT: 10.112 min Scan# 829
Delta R.T. 0.013 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:136 Resp: 1962

Ion	Ratio	Lower	Upper
136	100		
137	18.6	10.6	15.8#
54	18.1	8.6	12.8#
68	13.3	5.7	8.5#

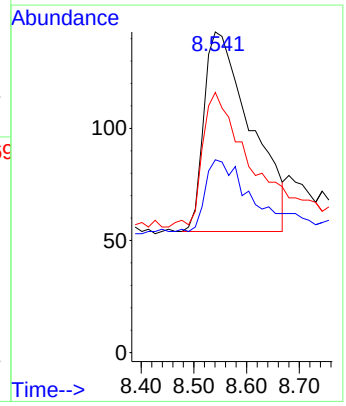


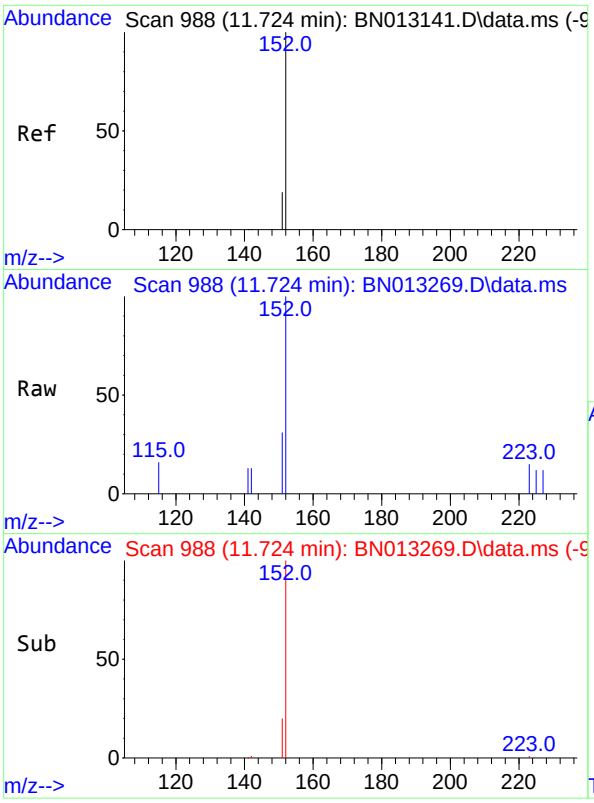


#8
Nitrobenzene-d5
Concen: 0.27 ng
RT: 8.541 min Scan# 705
Delta R.T. 0.038 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion: 82 Resp: 551

Ion	Ratio	Lower	Upper
82	100		
128	60.1	30.6	46.0#
54	81.1	48.3	72.5#

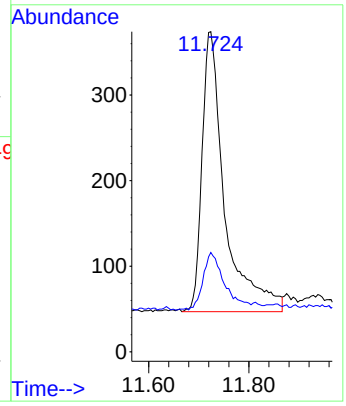




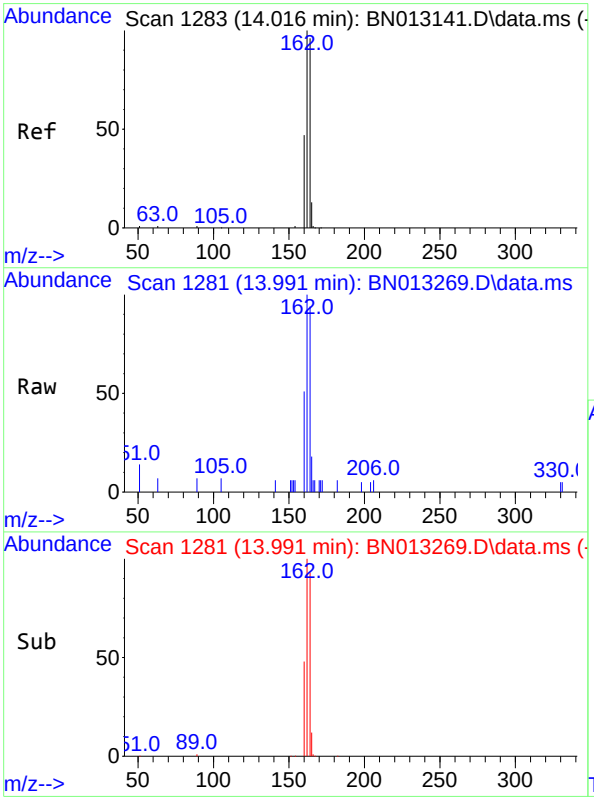
#11
2-Methylnaphthalene-d10
Concen: 0.30 ng
RT: 11.724 min Scan# 988
Delta R.T. 0.018 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:152 Resp: 1030

Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.7	25.1



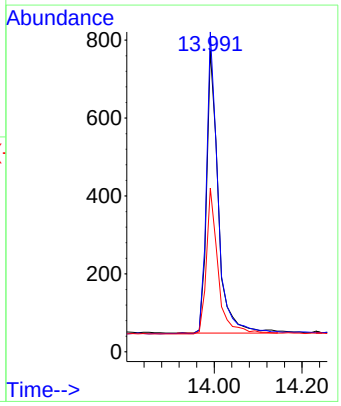
Instrument :
BNA_N
ClientSampleId :
RE131D3-20201211



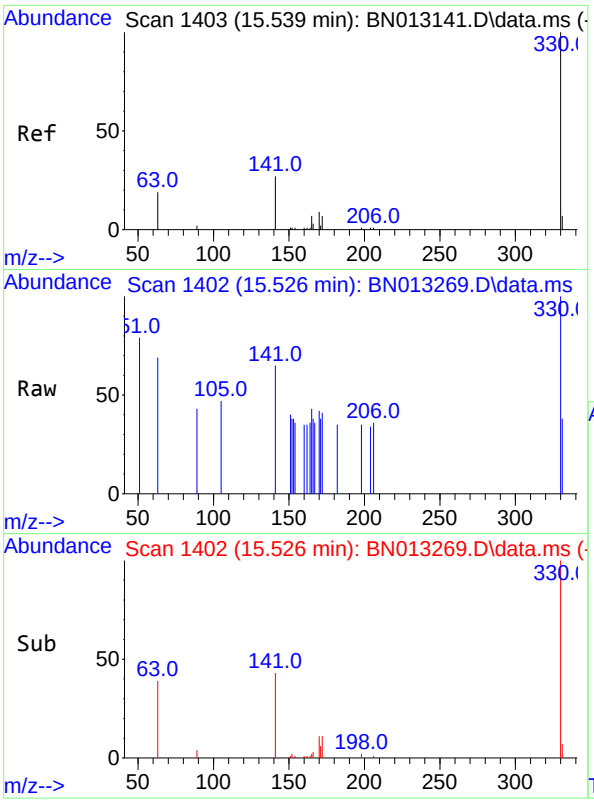
#13
Acenaphthene-d10
Concen: 0.40 ng
RT: 13.991 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:164 Resp: 1341

Ion	Ratio	Lower	Upper
164	100		
162	106.3	80.6	120.8
160	54.4	39.5	59.3



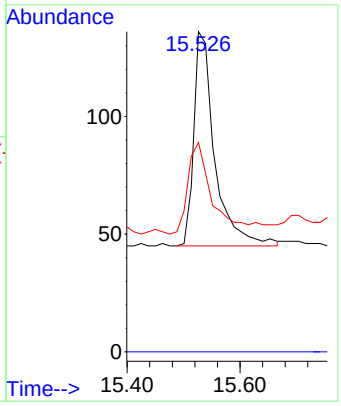
Instrument :
BNA_N
ClientSampleId :
RE131D3-20201211

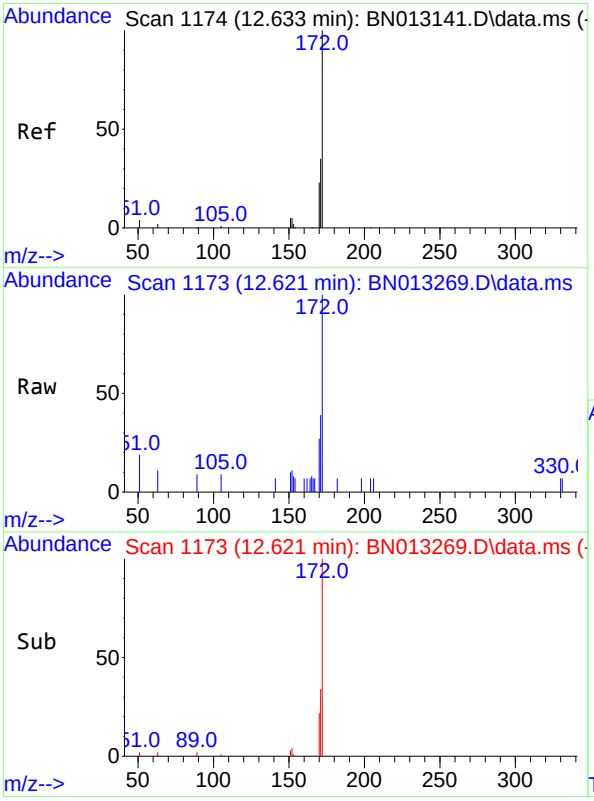


#14
2,4,6-Tribromophenol
Concen: 0.28 ng
RT: 15.526 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:330 Resp: 234

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	53.8	34.4	51.6#

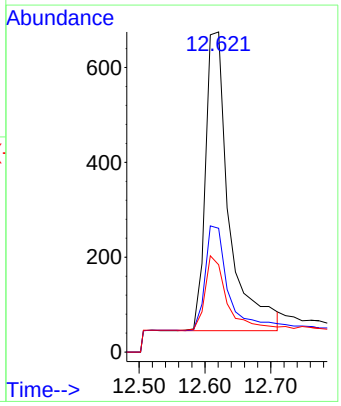




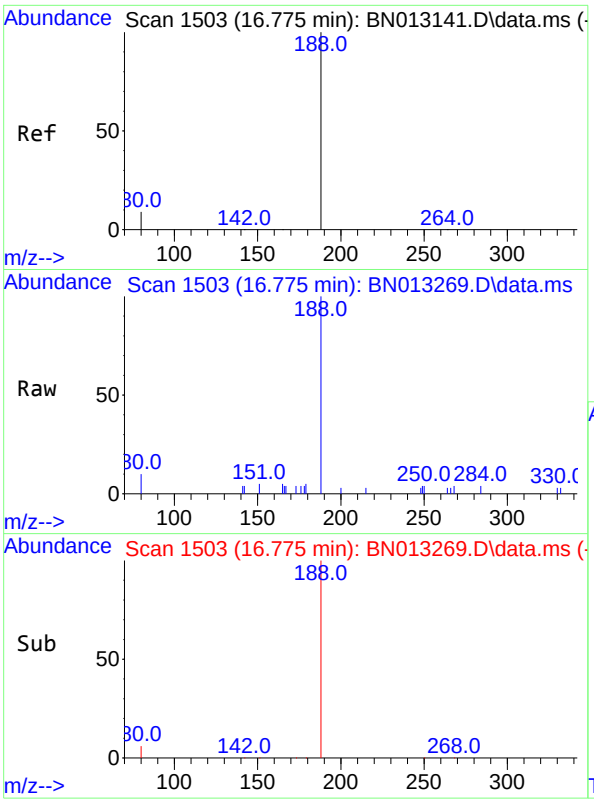
#15
2-Fluorobiphenyl
Concen: 0.28 ng
RT: 12.621 min Scan# 1173
Delta R.T. 0.013 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:172 Resp: 1576

Ion	Ratio	Lower	Upper
172	100		
171	38.7	28.2	42.4
170	27.3	20.0	30.0



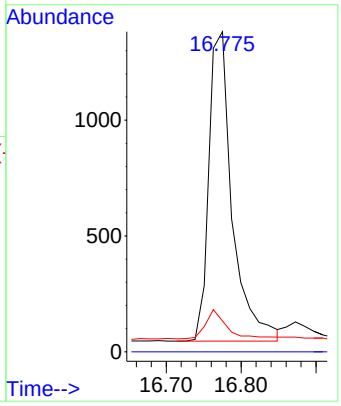
Instrument :
BNA_N
ClientSampleId :
RE131D3-20201211

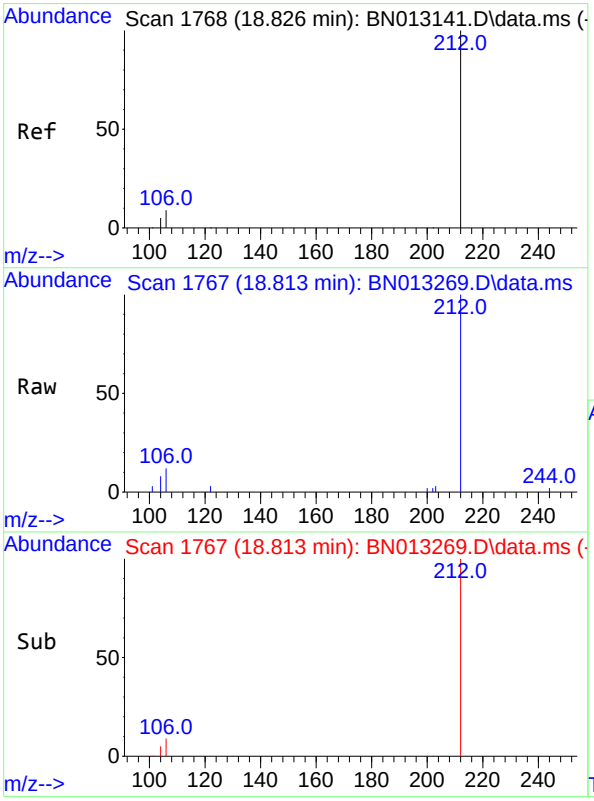


#19
Phenanthrene-d10
Concen: 0.40 ng
RT: 16.775 min Scan# 1503
Delta R.T. 0.012 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:188 Resp: 2900

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	5.0	7.4#

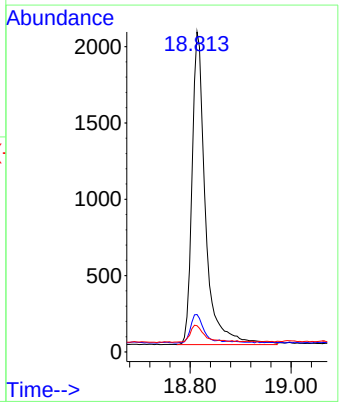


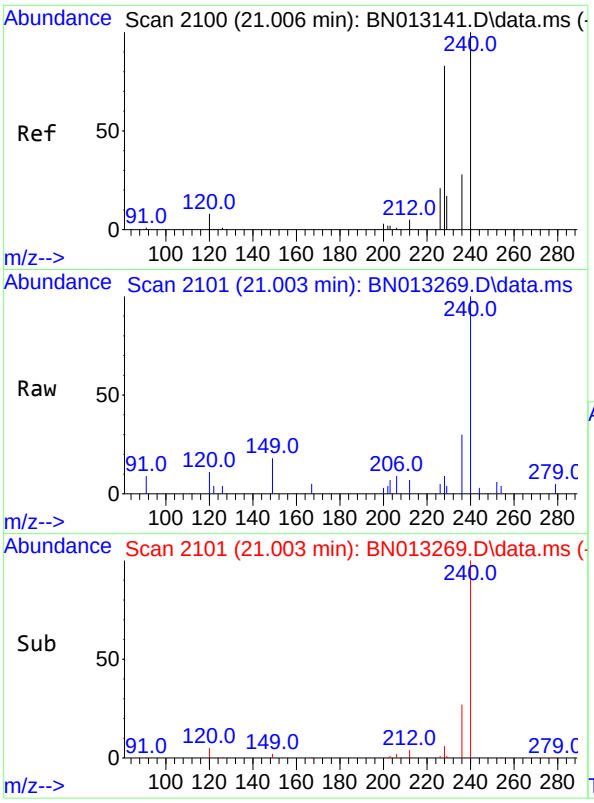


#27
Fluoranthene-d10
Concen: 0.40 ng
RT: 18.813 min Scan# 1767
Delta R.T. -0.003 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:212 Resp: 3779

Ion	Ratio	Lower	Upper
212	100		
106	9.0	6.8	10.2
104	6.0	4.1	6.1

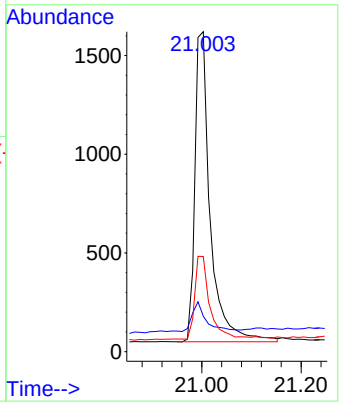




#29
Chrysene-d12
Concen: 0.40 ng
RT: 21.003 min Scan# 2101
Delta R.T. 0.008 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:240 Resp: 3360

Ion	Ratio	Lower	Upper
240	100		
120	11.1	5.3	7.9#
236	29.7	21.8	32.8



Instrument :
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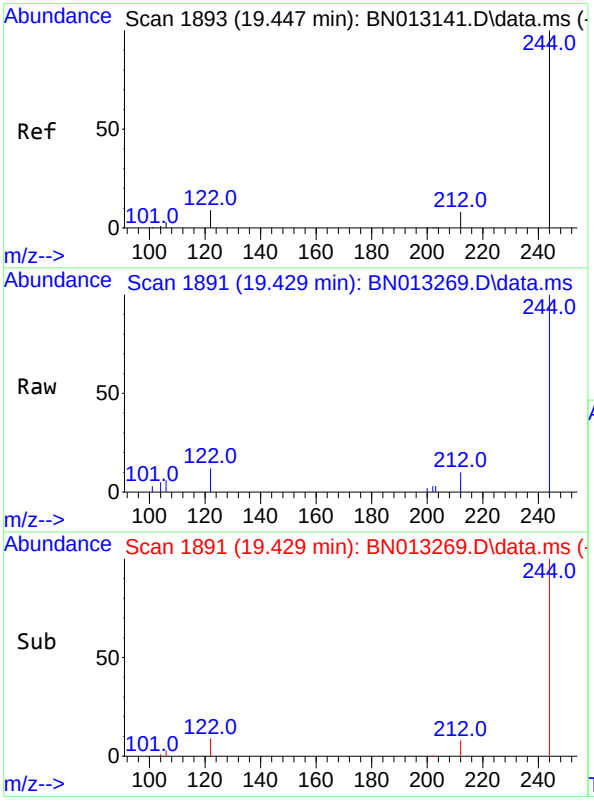
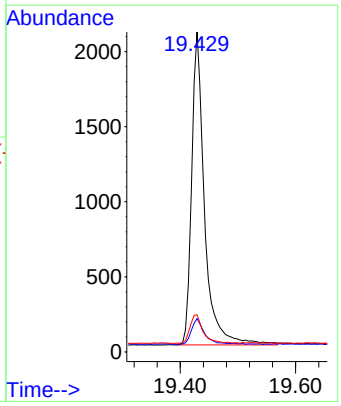


#31
Terphenyl-d14
Concen: 0.38 ng
RT: 19.429 min Scan# 1891
Delta R.T. -0.003 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:244 Resp: 3244

Ion	Ratio	Lower	Upper
244	100		
212	10.4	7.3	10.9
122	11.6	7.3	10.9#



Instrument :
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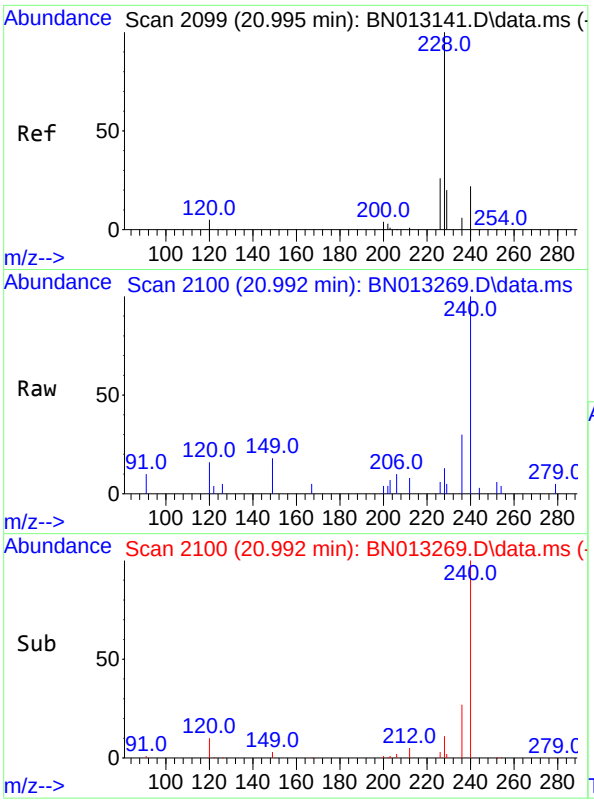
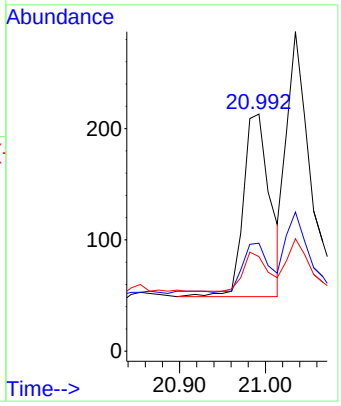
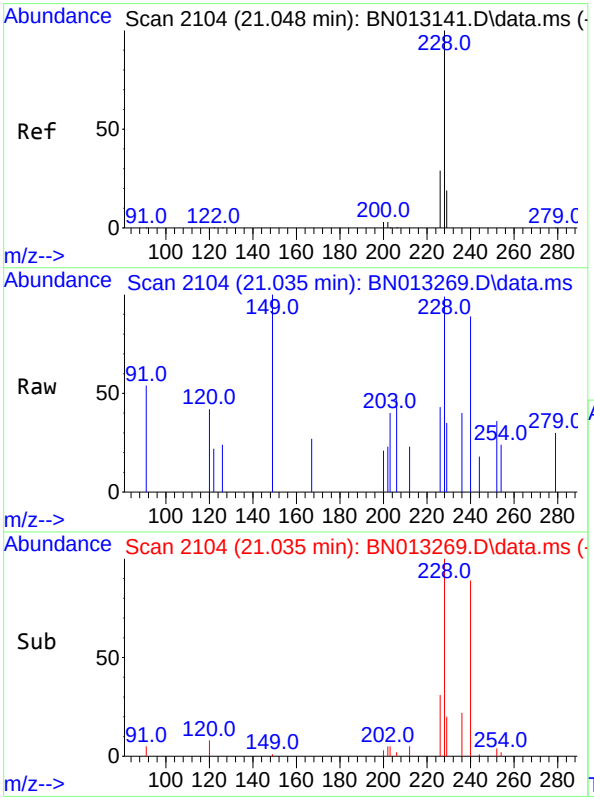


#32
Benzo(a)anthracene
Concen: 0.03 ng
RT: 20.992 min Scan# 2100
Delta R.T. 0.008 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:228 Resp: 354

Ion	Ratio	Lower	Upper
228	100		
226	45.5	22.3	33.5#
229	39.9	15.7	23.5#

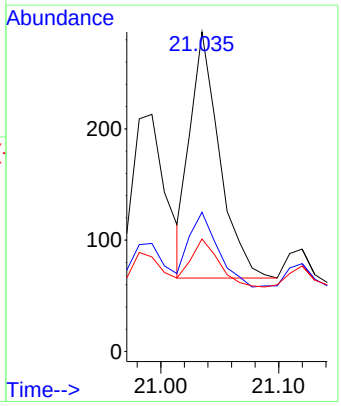




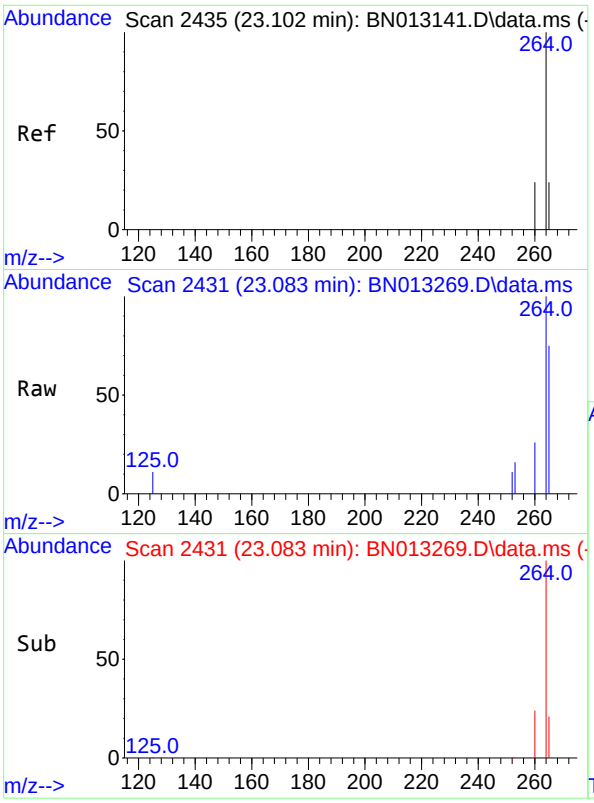
#33
Chrysene
Concen: 0.03 ng
RT: 21.035 min Scan# 2104
Delta R.T. -0.003 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:228 Resp: 382

Ion	Ratio	Lower	Upper
228	100		
226	43.6	24.2	36.2#
229	35.2	15.7	23.5#



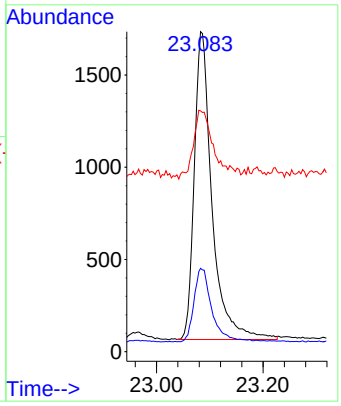
Instrument :
BNA_N
ClientSampleId :
RE131D3-20201211

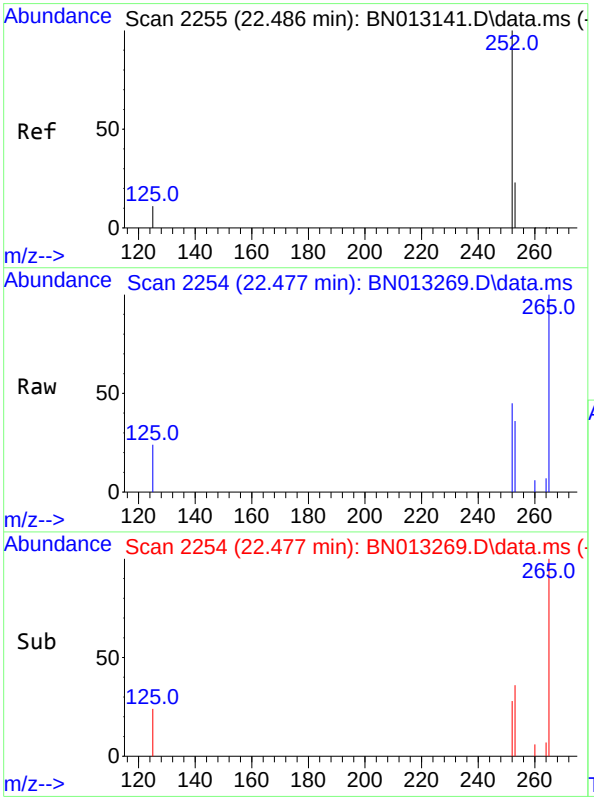


#36
Perylene-d12
Concen: 0.40 ng
RT: 23.083 min Scan# 2431
Delta R.T. -0.003 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:264 Resp: 3853

Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.8	29.6
265	75.3	51.4	77.0

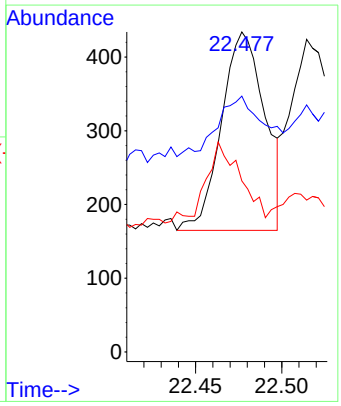


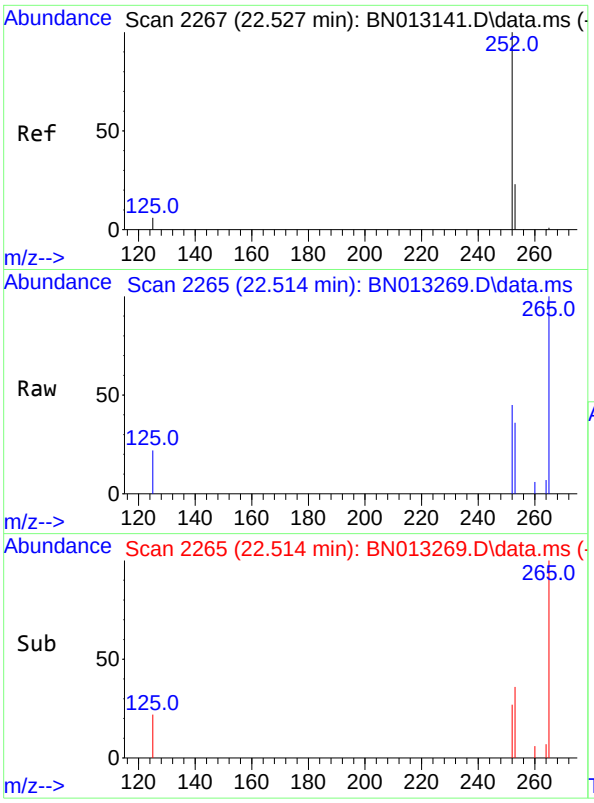


#37
Benzo(b)fluoranthene
Concen: 0.03 ng
RT: 22.477 min Scan# 2254
Delta R.T. 0.004 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:252 Resp: 472

Ion	Ratio	Lower	Upper
252	100		
253	80.0	20.1	30.1#
125	53.5	7.2	10.8#

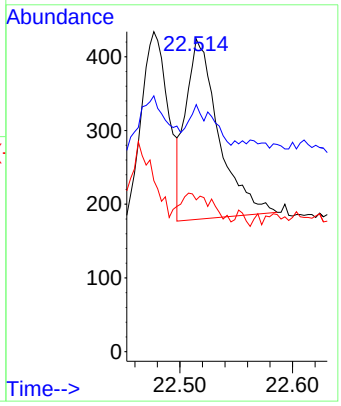




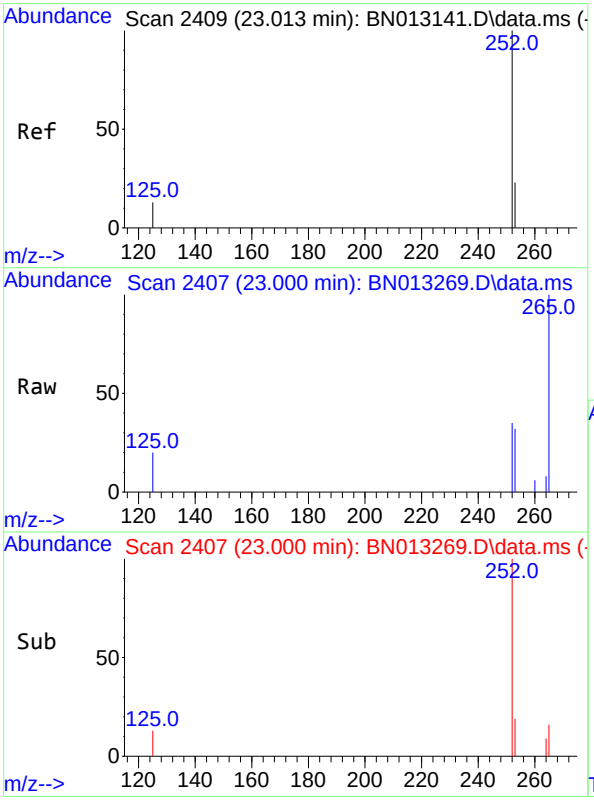
#38
Benzo(k)fluoranthene
Concen: 0.03 ng
RT: 22.514 min Scan# 2265
Delta R.T. 0.001 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:252 Resp: 498

Ion	Ratio	Lower	Upper
252	100		
253	79.0	19.8	29.8#
125	48.6	7.1	10.7#



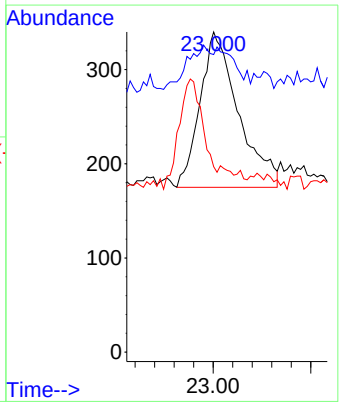
Instrument :
BNA_N
ClientSampleId :
RE131D3-20201211

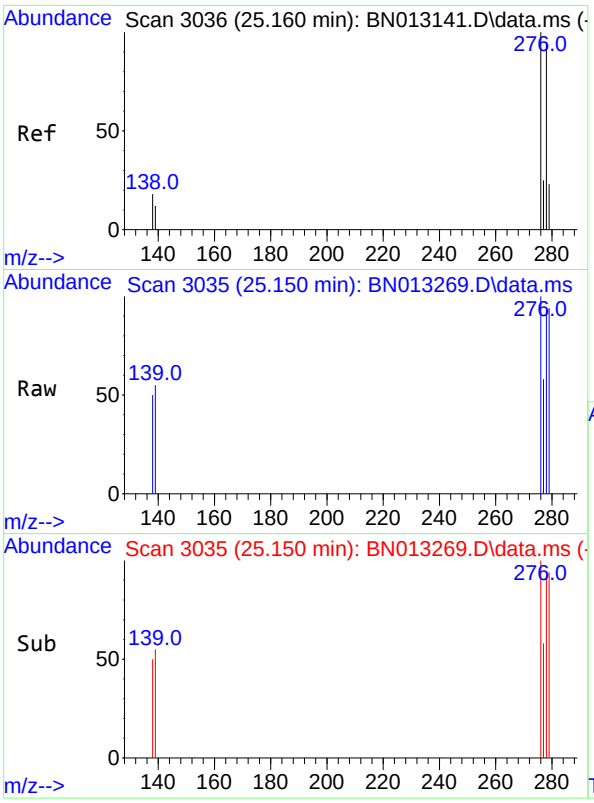


#39
Benzo(a)pyrene
Concen: 0.03 ng
RT: 23.000 min Scan# 2407
Delta R.T. 0.001 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:252 Resp: 449

Ion	Ratio	Lower	Upper
252	100		
253	92.9	21.3	31.9#
125	57.9	8.3	12.5#

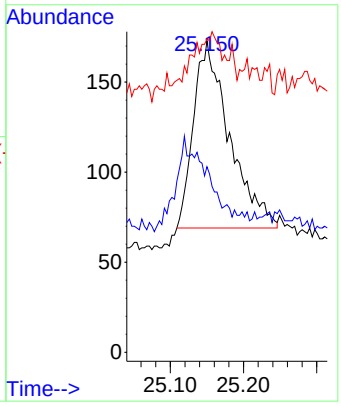




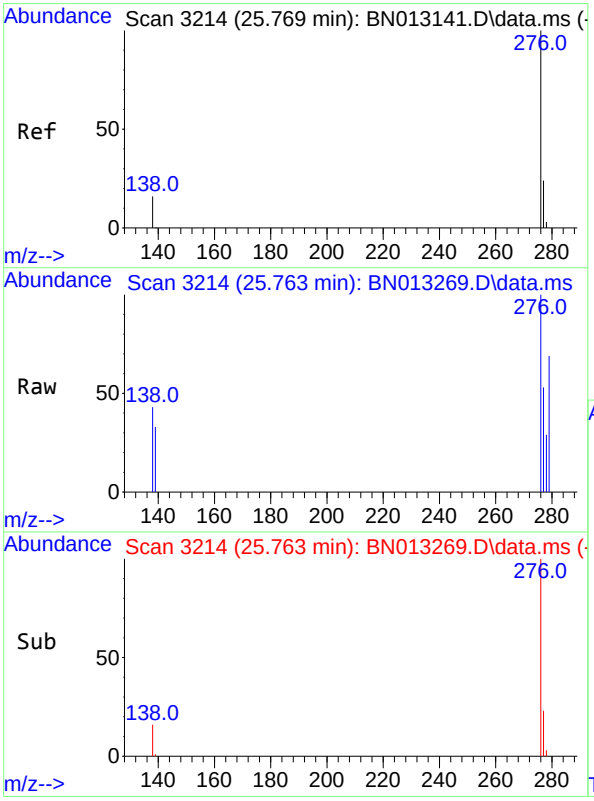
#40
Dibenzo(a,h)anthracene
Concen: 0.02 ng
RT: 25.150 min Scan# 3035
Delta R.T. 0.018 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:278 Resp: 353

Ion	Ratio	Lower	Upper
278	100		
139	59.5	9.3	13.9#
279	100.6	21.6	32.4#



Instrument :
BNA_N
ClientSampleId :
RE131D3-20201211



#41
Benzo(g,h,i)perylene
Concen: 0.04 ng
RT: 25.763 min Scan# 3214
Delta R.T. 0.021 min
Lab File: BN013269.D
Acq: 22 Dec 2020 12:47

Tgt Ion:276 Resp: 594

Ion	Ratio	Lower	Upper
276	100		
277	53.5	19.8	29.8#
138	42.8	11.7	17.5#