Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008425.D
Acq On : 15 Dec 2021 19:49
Operator : CG/JU
Sample : M5033-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-01-121021

Quant Time: Dec 15 20:34:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 17:59:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.740	152	53243	20.000	ng		0.00
21) Naphthalene-d8	10.540	136	182788	20.000	ng		0.00
39) Acenaphthene-d10	14.392	164	117282	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	261878	20.000	ng		0.00
76) Chrysene-d12	21.263	240	333621	20.000	ng		0.00
86) Perylene-d12	23.633	264	374826	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	146320	43.400	ng		0.00
7) Phenol-d6	6.940	99	183020	40.419	ng		0.00
23) Nitrobenzene-d5	8.910	82	124010	28.742	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	80462	46.684	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	245765	26.638	ng		0.00
79) Terphenyl-d14	19.727	244	480135	25.047	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	89	Below Cal		#	1
9) Benzaldehyde	6.875	77	40	Below Cal		#	33
41) Hexachlorocyclopentadiene	12.539	237	25	8.670	ng		94
49) Acenaphthylene	14.116	152	98687	9.289	ng		100
58) Fluorene	15.451	166	26699	3.203	ng	#	94
71) Phenanthrene	17.198	178	351096	24.750	ng		100
72) Anthracene	17.292	178	125332	8.955	ng		98
75) Fluoranthene	19.180	202	657721	41.067	ng		99
78) Pyrene	19.533	202	757201	31.723	ng		100
81) Benzo(a)anthracene	21.251	228	413021	18.473	ng		97
83) Chrysene	21.298	228	430175	20.142	ng		98
87) Indeno(1,2,3-cd)pyrene	26.103	276	267151	9.054	ng	#	94
88) Benzo(b)fluoranthene	22.921	252	651075	28.876	ng		99
89) Benzo(k)fluoranthene	22.921	252	651075	28.634	ng		98
90) Benzo(a)pyrene	23.527	252	378649	19.348	ng		97
91) Dibenzo(a,h)anthracene	26.098	278	79109	3.203	ng	#	89
92) Benzo(g,h,i)perylene	26.862	276	274392	11.219	ng		97

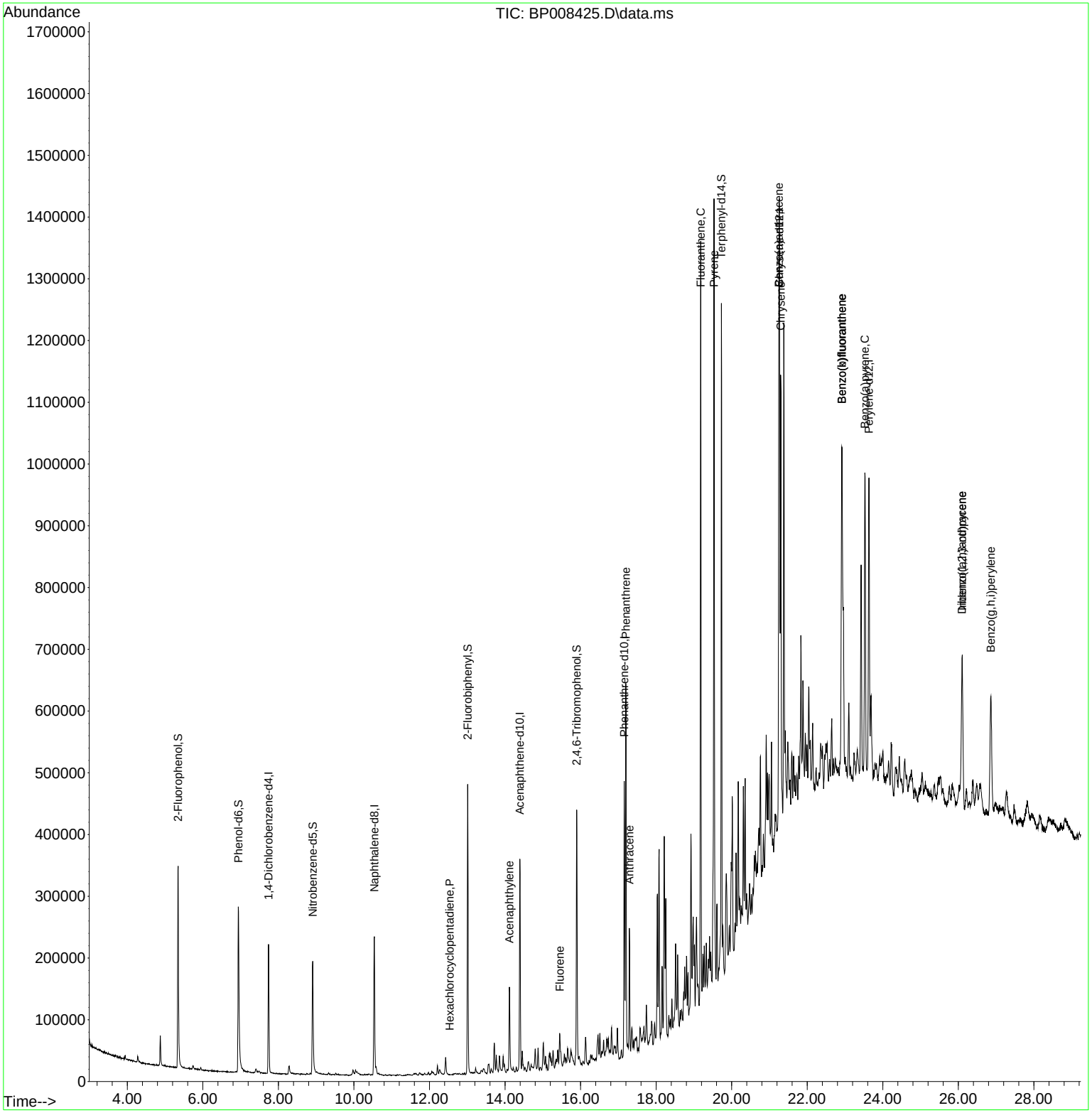
(#) = qualifier out of range (m) = manual integration (+) = signals summed

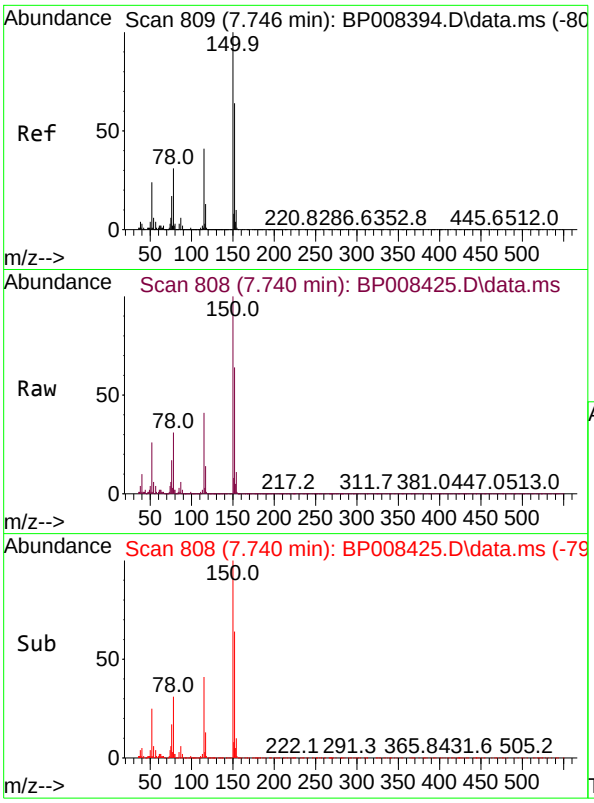
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
Data File : BP008425.D
Acq On : 15 Dec 2021 19:49
Operator : CG/JU
Sample : M5033-01 2X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-01-121021

Quant Time: Dec 15 20:34:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 17:59:47 2021
Response via : Initial Calibration



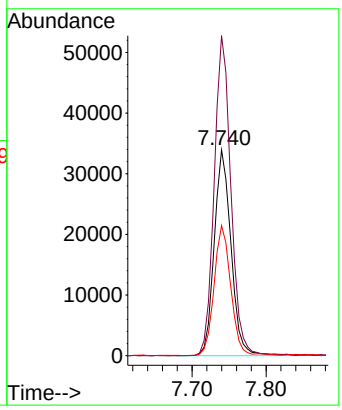


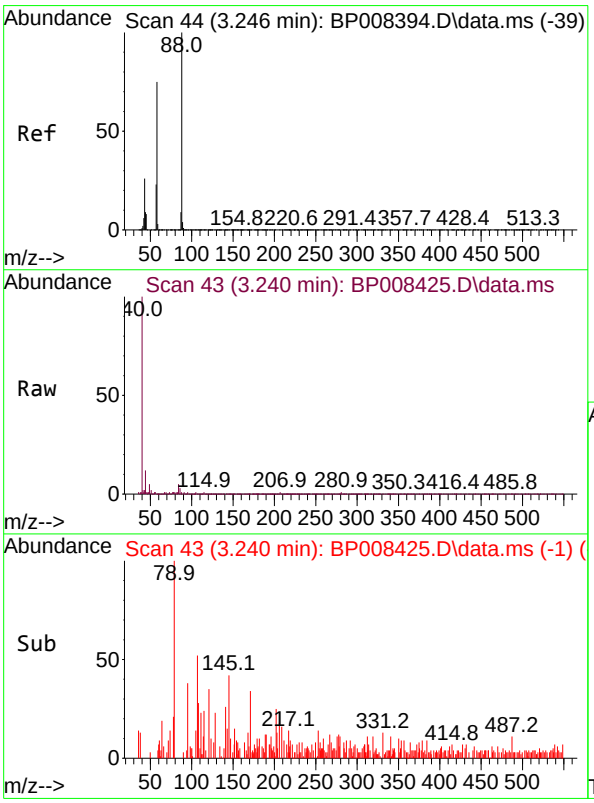
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Instrument :
BNA_P
ClientSampleId :
CL-01-121021

Tgt Ion:152 Resp: 53243

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.7	188.5
115	63.2	50.7	76.1

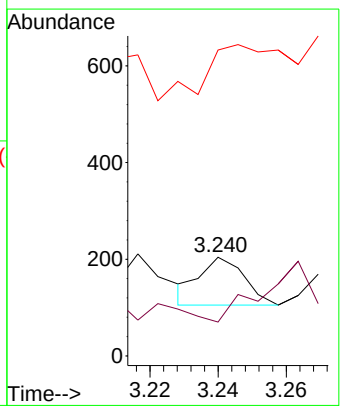


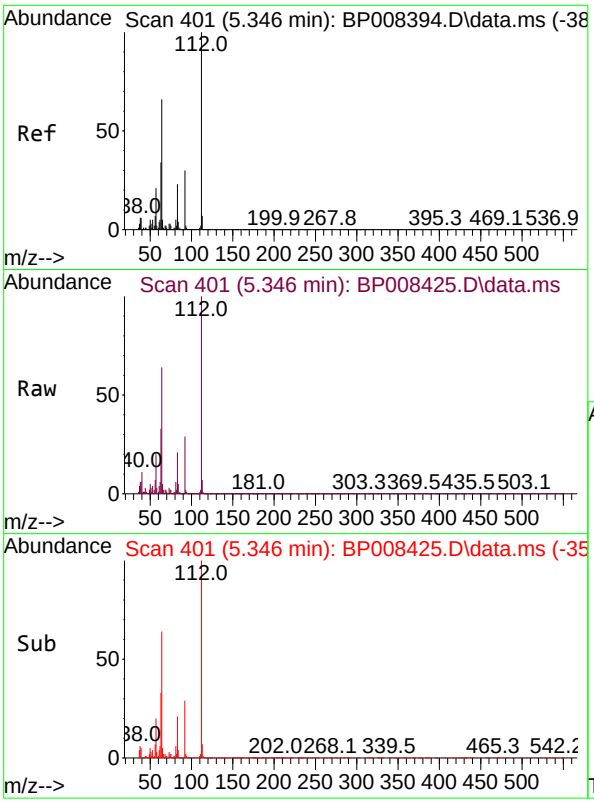


#2
1,4-Dioxane
Concen: Below Cal
RT: 3.240 min Scan# 43
Delta R.T. -0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Tgt Ion: 88 Resp: 89

Ion	Ratio	Lower	Upper
88	100		
58	0.0	63.5	95.3#
43	173.0	23.4	35.2#



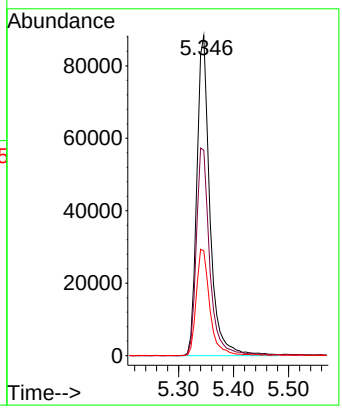


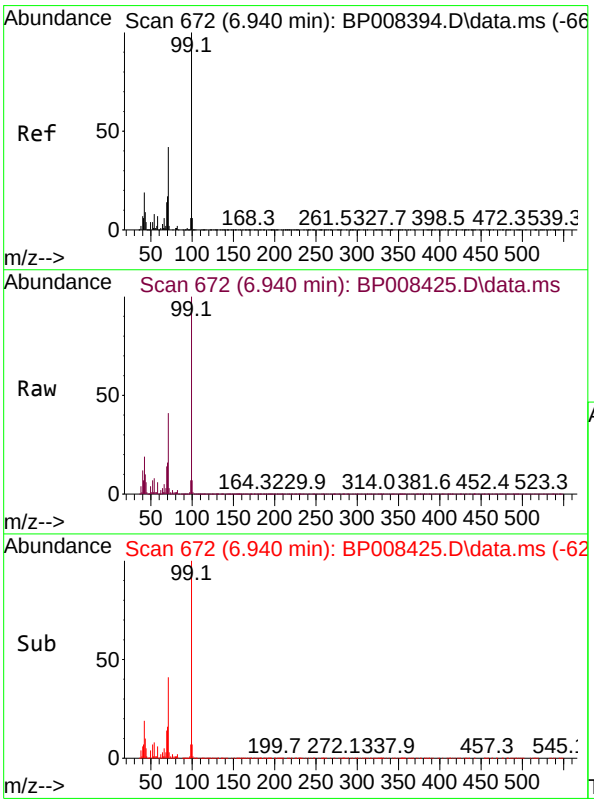
#5
2-Fluorophenol
Concen: 43.400 ng
RT: 5.346 min Scan# 4(
Delta R.T. -0.000 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Instrument :
BNA_P
ClientSampleId :
CL-01-121021

Tgt Ion:112 Resp: 146320

Ion	Ratio	Lower	Upper
112	100		
64	64.2	53.4	80.2
63	32.7	27.8	41.8

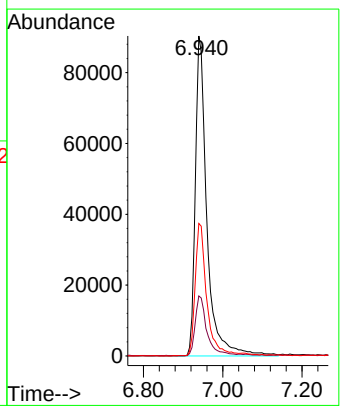


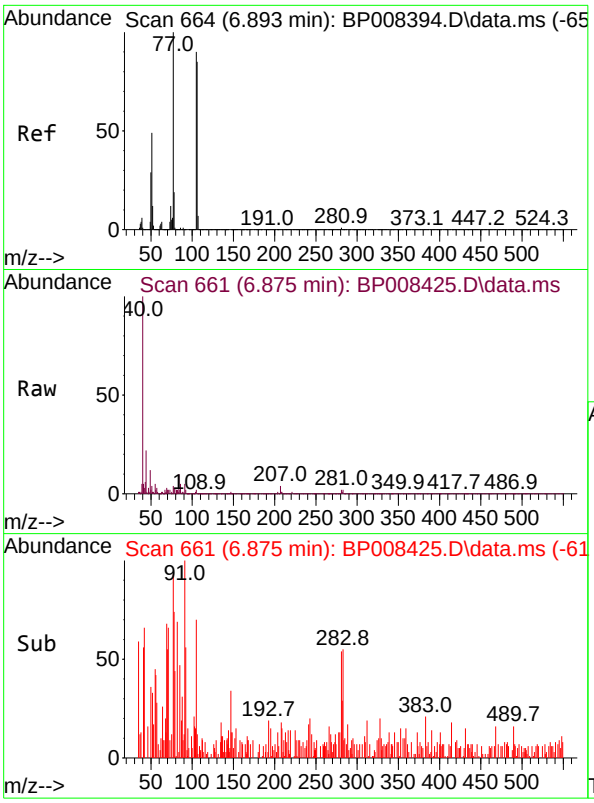


#7
Phenol-d6
Concen: 40.419 ng
RT: 6.940 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Tgt Ion: 99 Resp: 183020

Ion	Ratio	Lower	Upper
99	100		
42	18.7	14.6	22.0
71	41.4	31.1	46.7



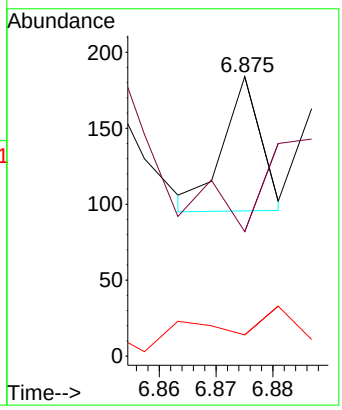


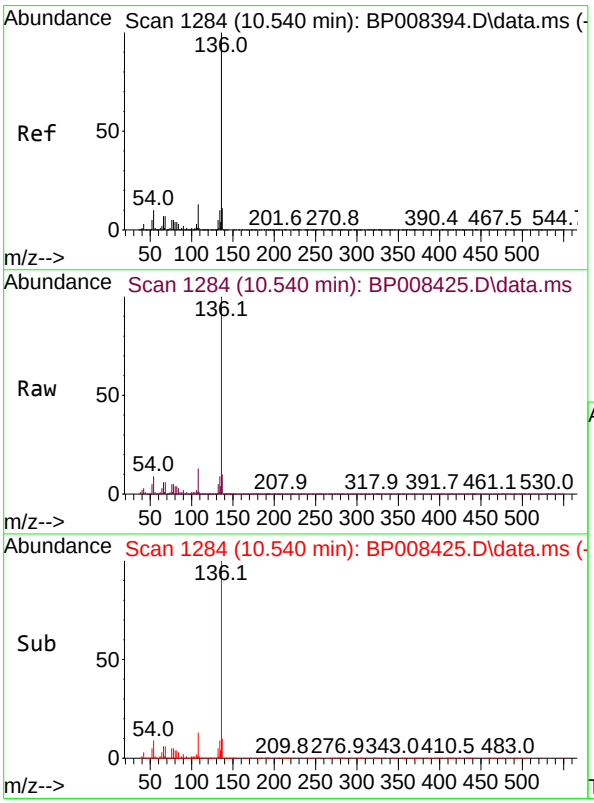
#9
Benzaldehyde
Concen: Below Cal
RT: 6.875 min Scan# 6
Delta R.T. -0.018 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Instrument :
BNA_P
ClientSampleId :
CL-01-121021

Tgt Ion: 77 Resp: 40

Ion	Ratio	Lower	Upper
77	100		
105	44.6	71.8	111.8#
106	7.6	67.3	107.3#

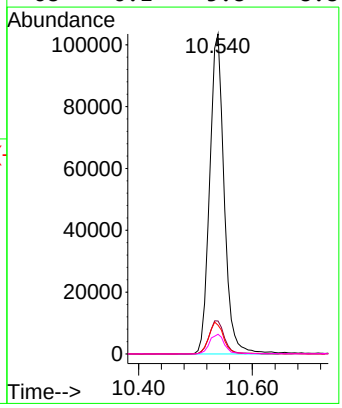


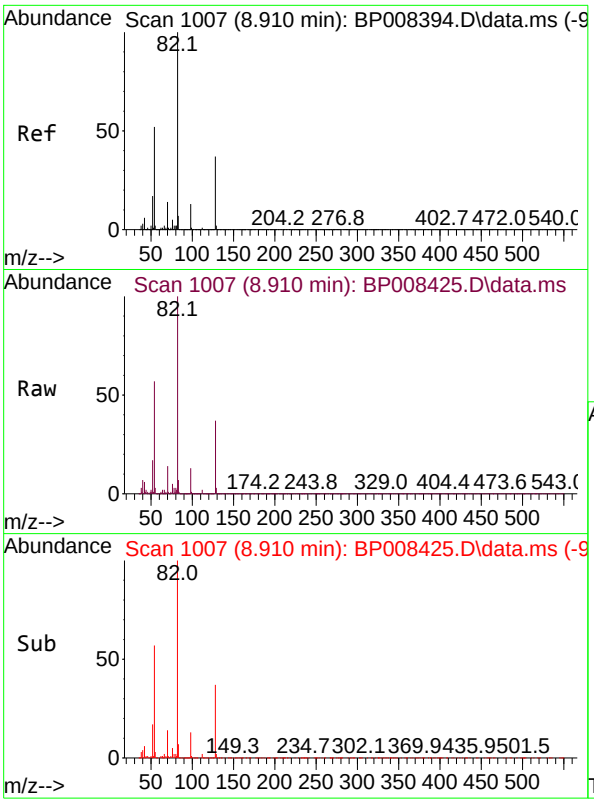


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Tgt Ion:136 Resp: 182788

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.6
54	9.0	8.2	12.4
68	6.1	5.8	8.8



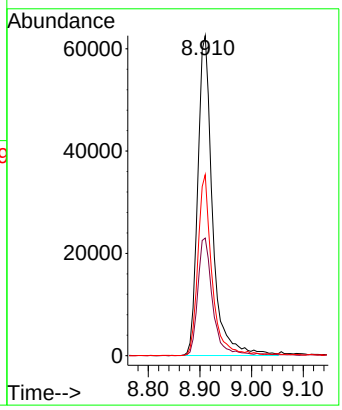


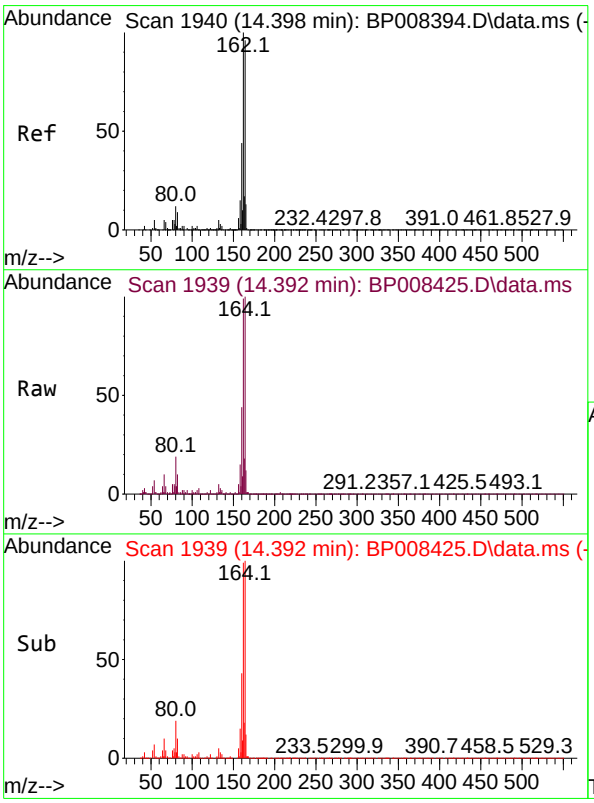
#23
Nitrobenzene-d5
Concen: 28.742 ng
RT: 8.910 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Instrument :
BNA_P
ClientSampleId :
CL-01-121021

Tgt Ion: 82 Resp: 124010

Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.6	44.4
54	56.6	42.7	64.1

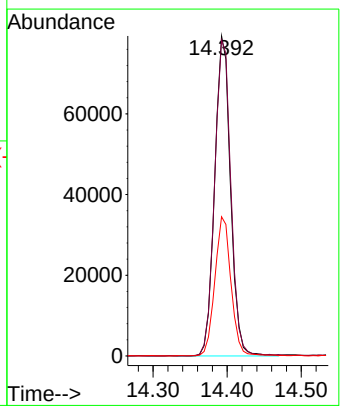


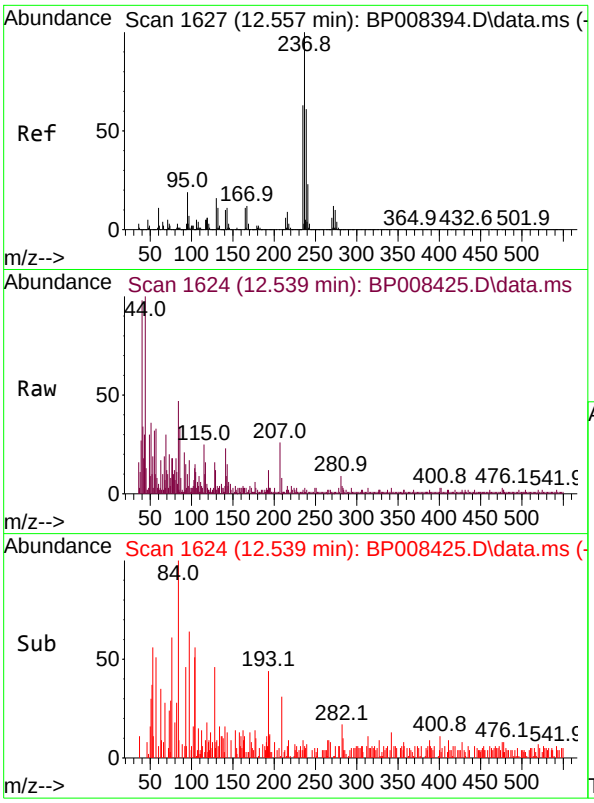


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Tgt Ion:164 Resp: 117282

Ion	Ratio	Lower	Upper
164	100		
162	98.8	81.9	122.9
160	43.5	35.4	53.0



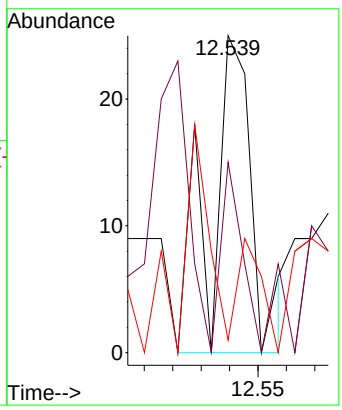


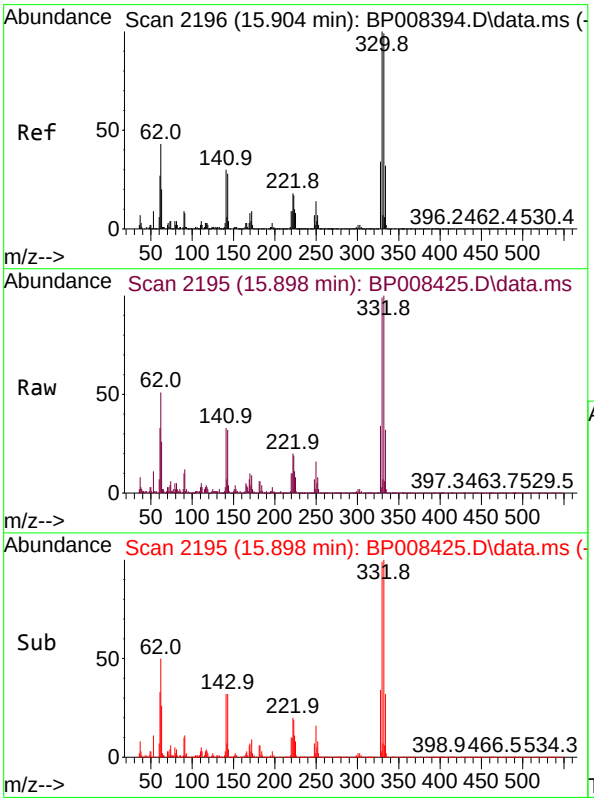
#41
Hexachlorocyclopentadiene
Concen: 8.670 ng
RT: 12.539 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Instrument :
BNA_P
ClientSampleId :
CL-01-121021

Tgt Ion:237 Resp: 25

Ion	Ratio	Lower	Upper
237	100		
235	60.0	42.3	82.3
272	4.0	0.0	32.2

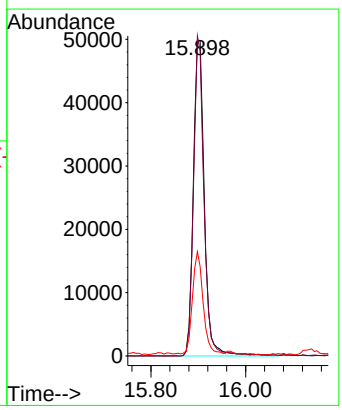


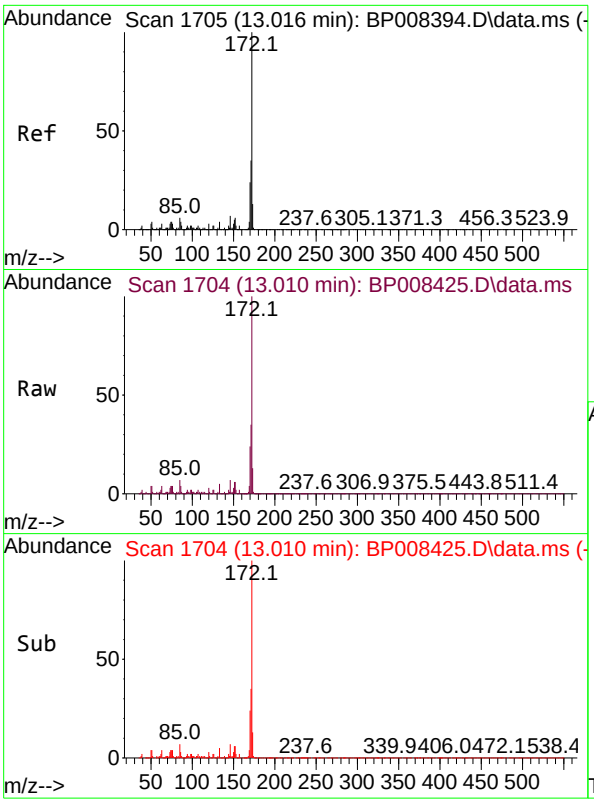


#42
2,4,6-Tribromophenol
Concen: 46.684 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Tgt Ion:330 Resp: 80462

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.4
141	31.2	28.4	42.6



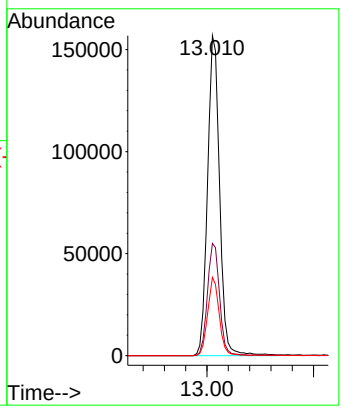


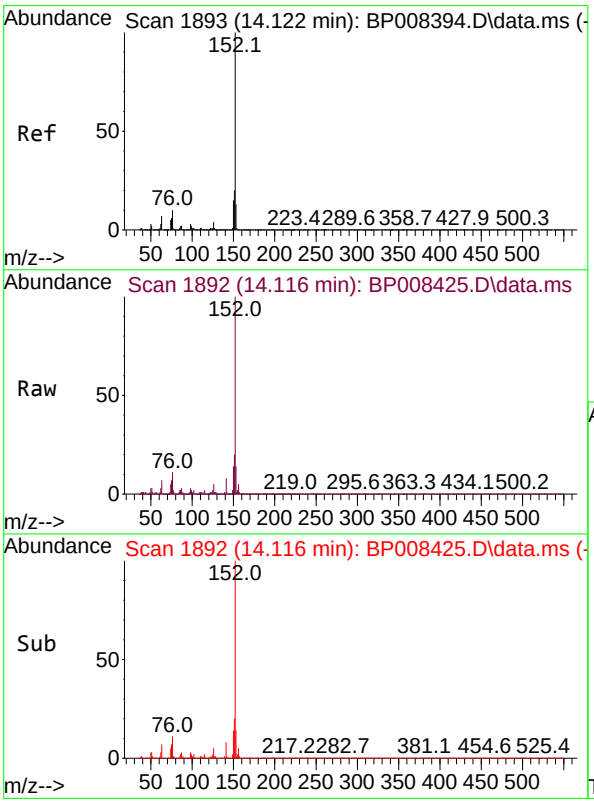
#45
2-Fluorobiphenyl
Concen: 26.638 ng
RT: 13.010 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Instrument :
BNA_P
ClientSampleId :
CL-01-121021

Tgt Ion:172 Resp: 245765

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.0	42.0
170	24.4	18.9	28.3

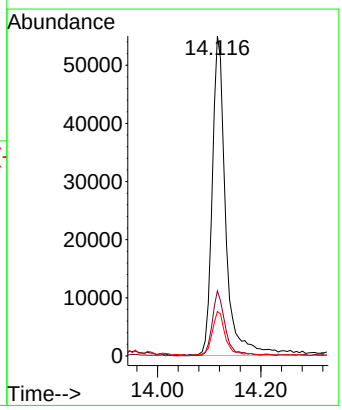


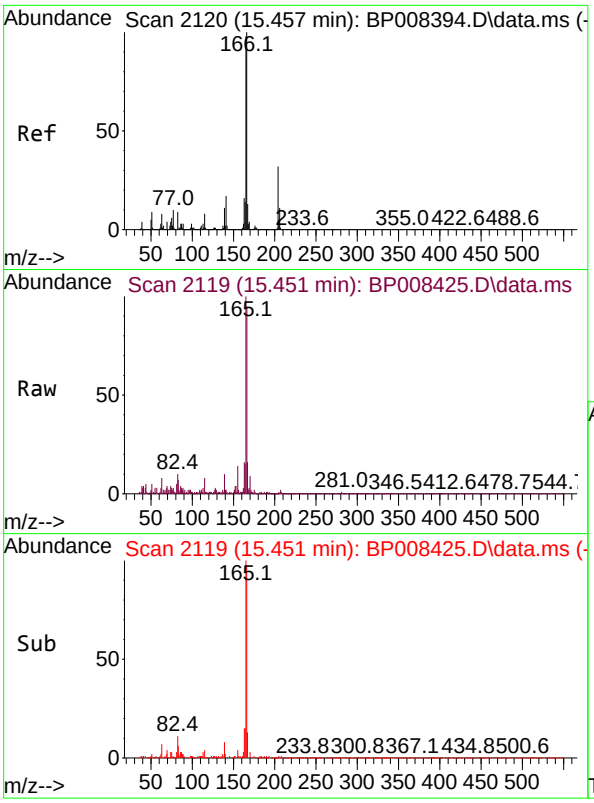


#49
Acenaphthylene
Concen: 9.289 ng
RT: 14.116 min Scan# 1892
Delta R.T. -0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Tgt Ion:152 Resp: 98687

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4
153	13.9	10.9	16.3



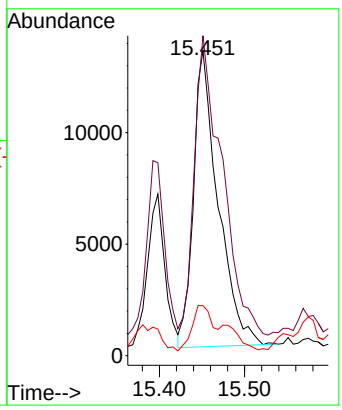


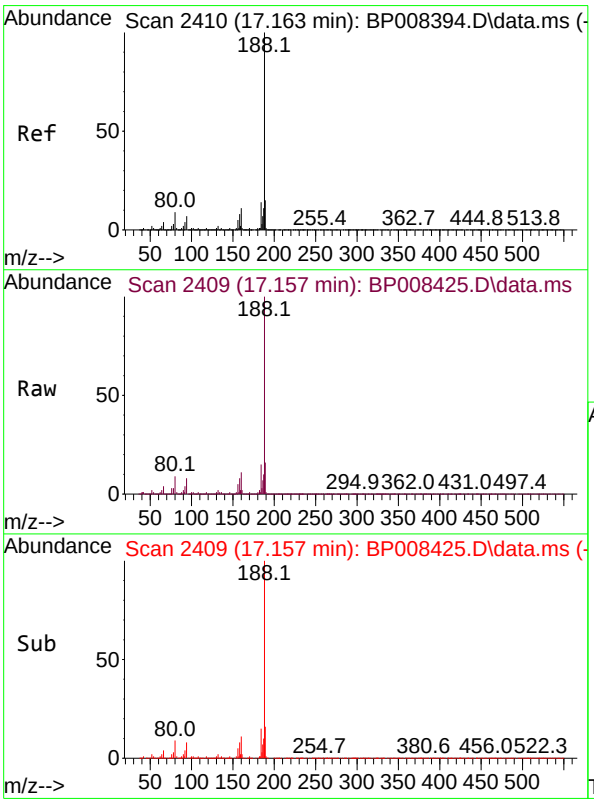
#58
Fluorene
Concen: 3.203 ng
RT: 15.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Instrument :
BNA_P
ClientSampleId :
CL-01-121021

Tgt Ion:166 Resp: 26699

Ion	Ratio	Lower	Upper
166	100		
165	104.9	79.4	119.2
167	16.4	10.9	16.3#

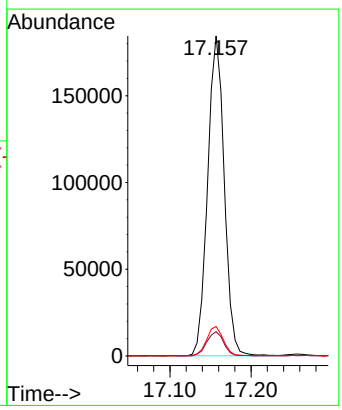


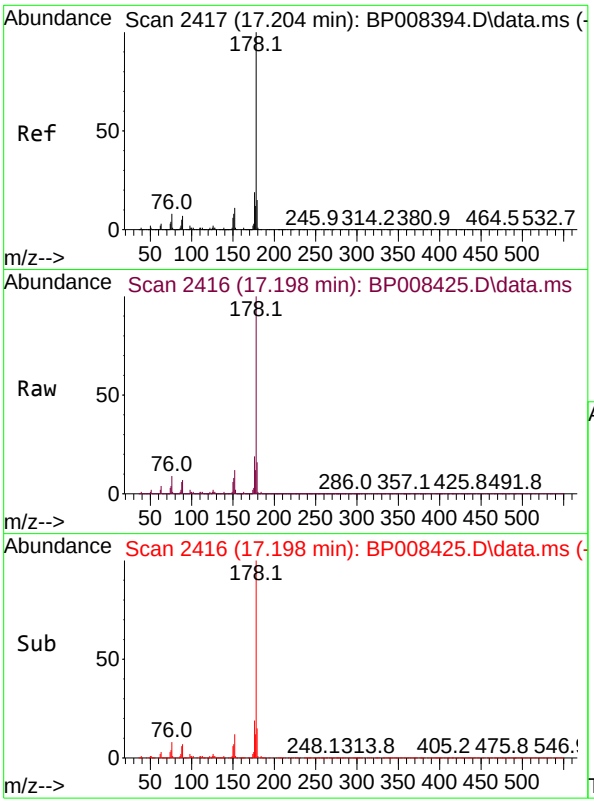


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Tgt Ion:188 Resp: 261878

Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.2	10.8
80	9.2	8.2	12.4



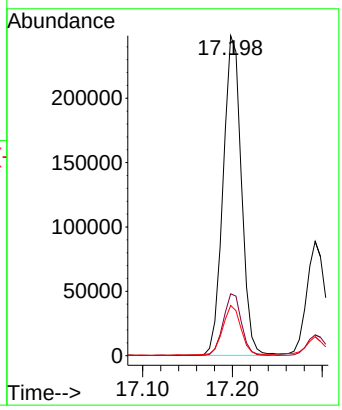


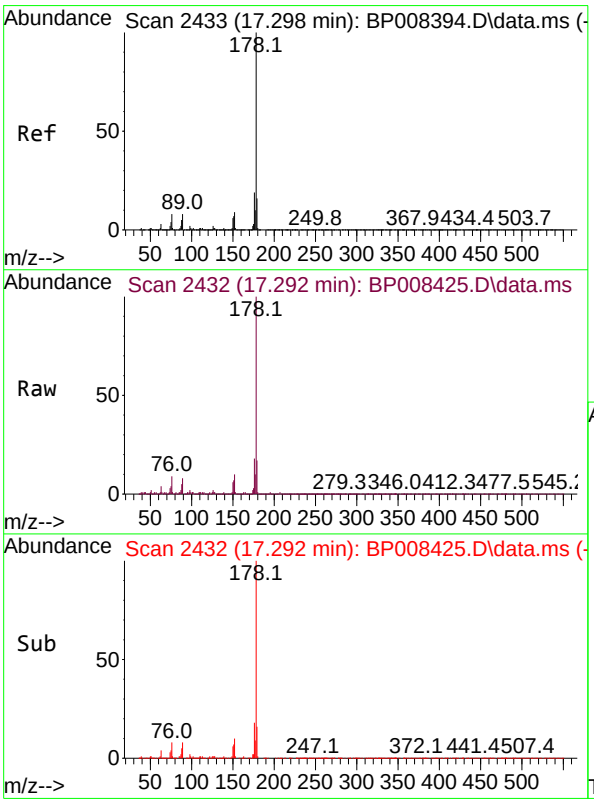
#71
Phenanthrene
Concen: 24.750 ng
RT: 17.198 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Instrument :
BNA_P
ClientSampleId :
CL-01-121021

Tgt Ion:178 Resp: 351096

Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.3	22.9
179	15.7	12.5	18.7

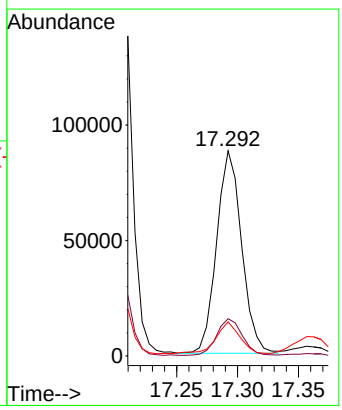


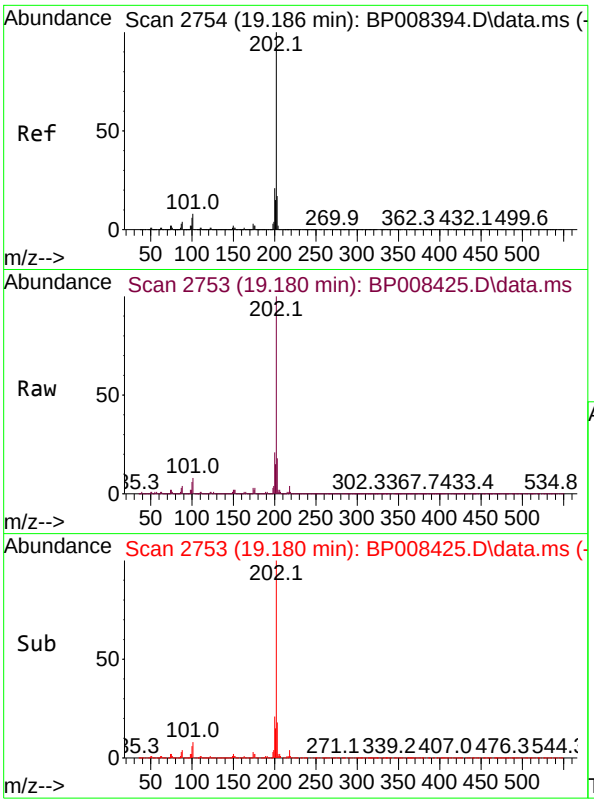


#72
Anthracene
Concen: 8.955 ng
RT: 17.292 min Scan# 2432
Delta R.T. -0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Tgt Ion:178 Resp: 125332

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.1	22.7
179	16.6	12.3	18.5



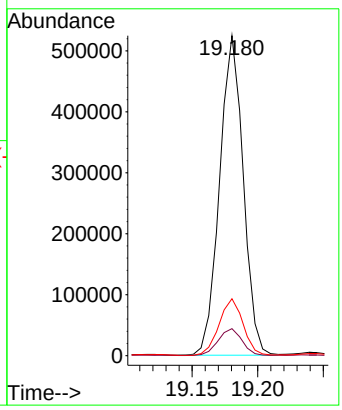


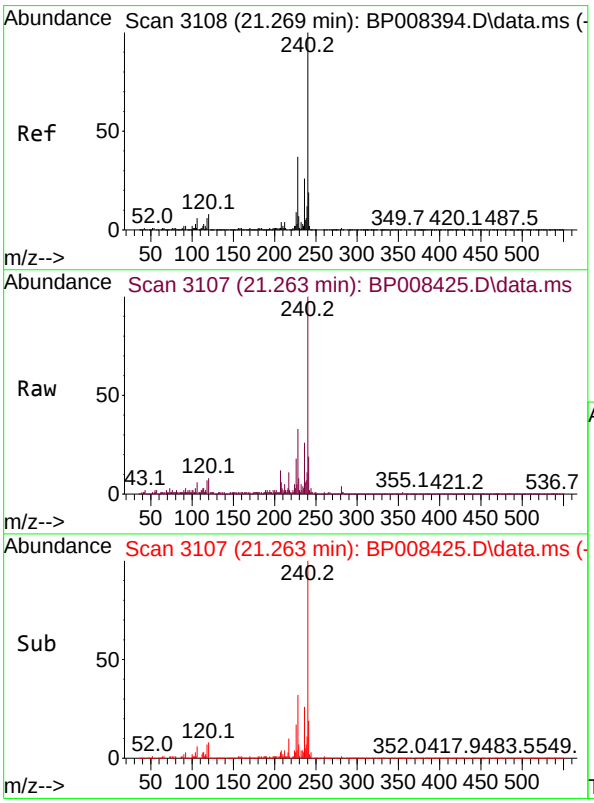
#75
Fluoranthene
Concen: 41.067 ng
RT: 19.180 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Instrument :
BNA_P
ClientSampleId :
CL-01-121021

Tgt Ion:202 Resp: 657721

Ion	Ratio	Lower	Upper
202	100		
101	8.5	0.0	29.8
203	17.8	0.0	37.7

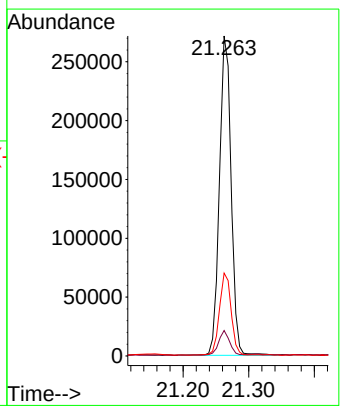


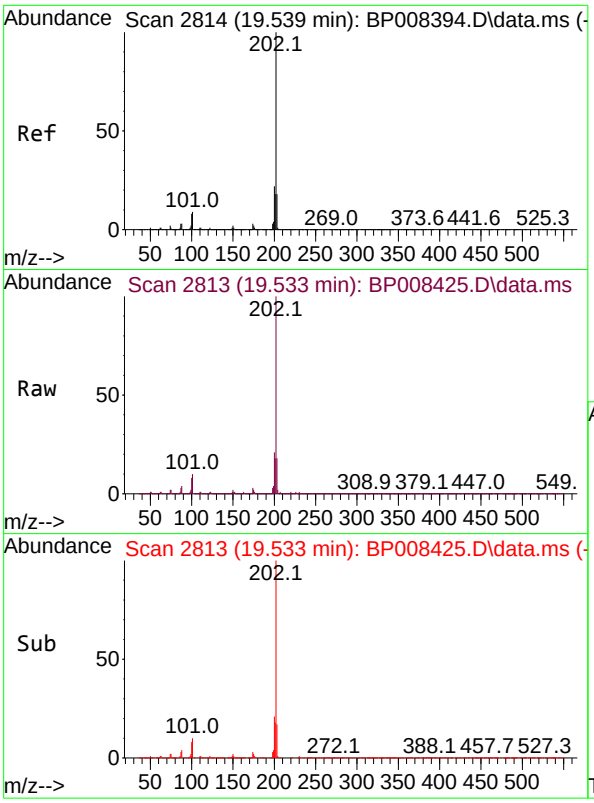


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3107
Delta R.T. -0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Tgt Ion:240 Resp: 333621

Ion	Ratio	Lower	Upper
240	100		
120	7.9	7.3	10.9
236	25.9	21.4	32.2



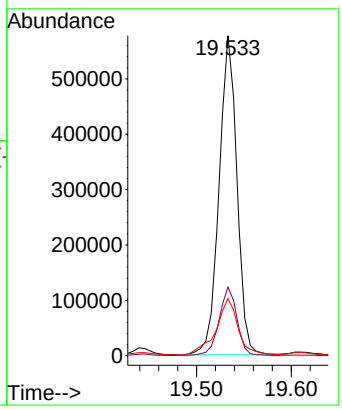


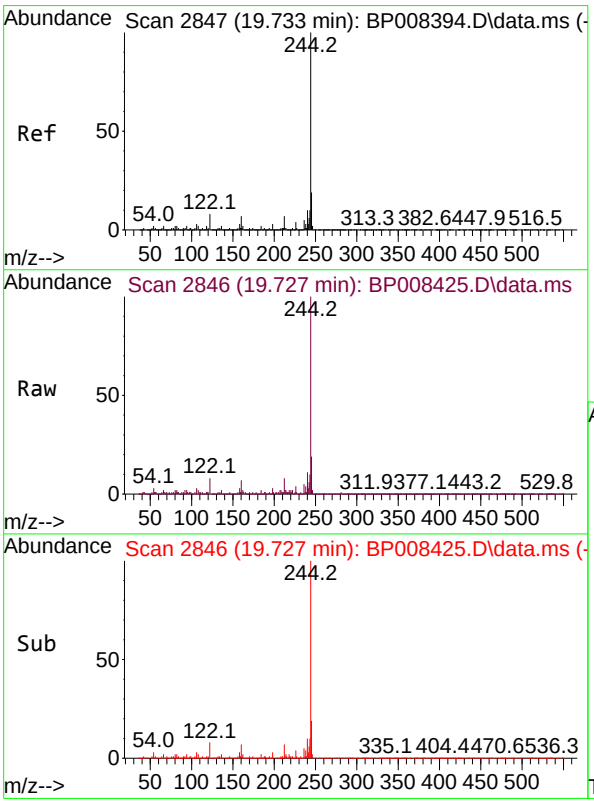
#78
Pyrene
Concen: 31.723 ng
RT: 19.533 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Instrument :
BNA_P
ClientSampleId :
CL-01-121021

Tgt Ion:202 Resp: 757201

Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.1	25.7
203	17.9	14.2	21.2

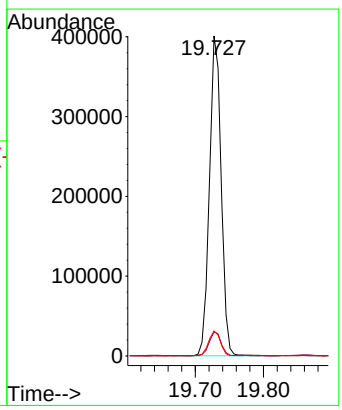


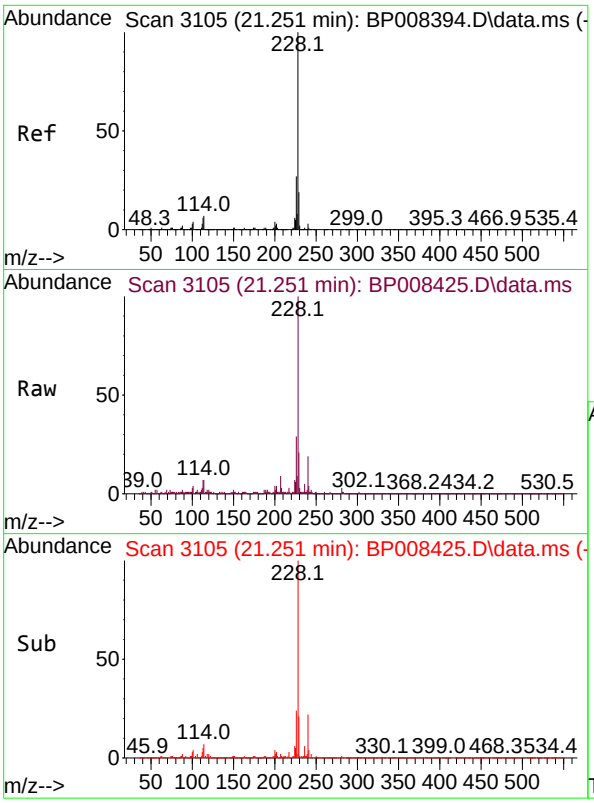


#79
Terphenyl-d14
Concen: 25.047 ng
RT: 19.727 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Tgt Ion:244 Resp: 480135

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	7.8	6.6	9.8



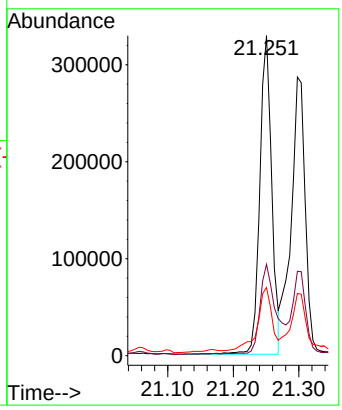


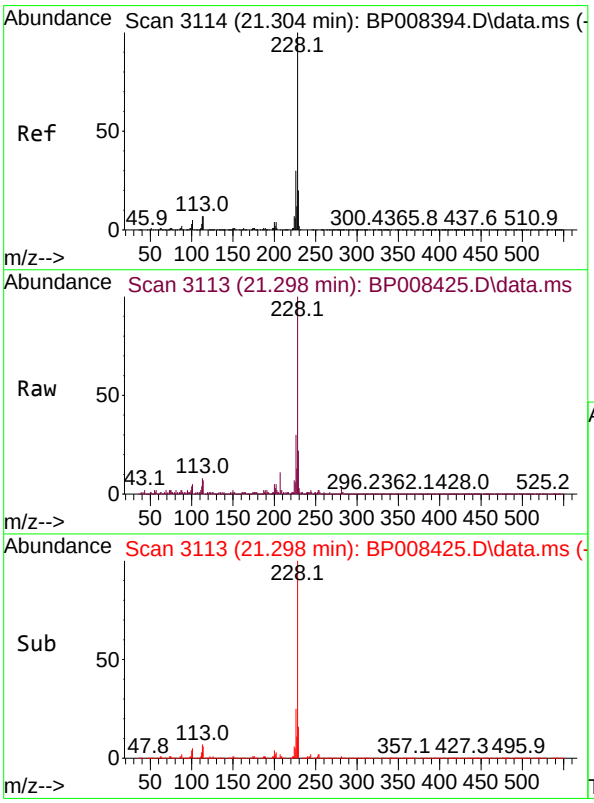
#81
Benzo(a)anthracene
Concen: 18.473 ng
RT: 21.251 min Scan# 3
Delta R.T. -0.000 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Instrument :
BNA_P
ClientSampleId :
CL-01-121021

Tgt Ion:228 Resp: 413021

Ion	Ratio	Lower	Upper
228	100		
226	28.5	21.9	32.9
229	21.3	15.9	23.9

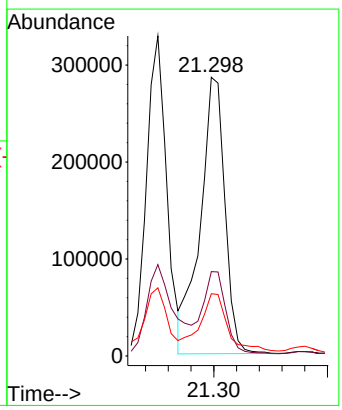


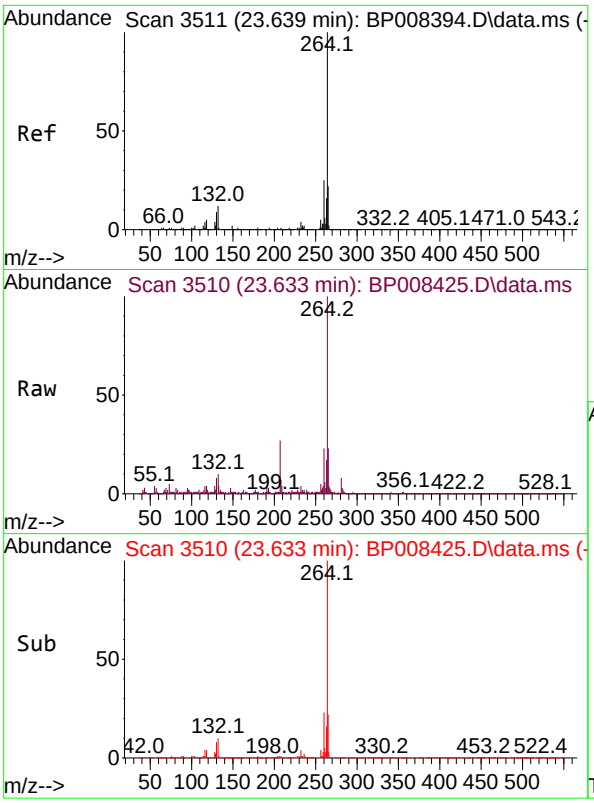


#83
Chrysene
Concen: 20.142 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Tgt Ion:228 Resp: 430175

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	22.3	15.8	23.8



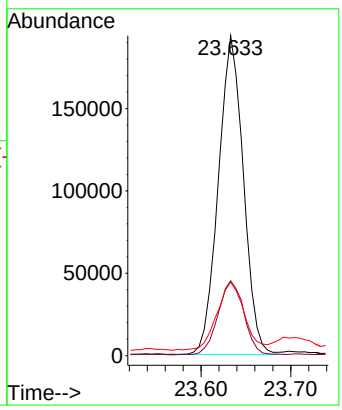


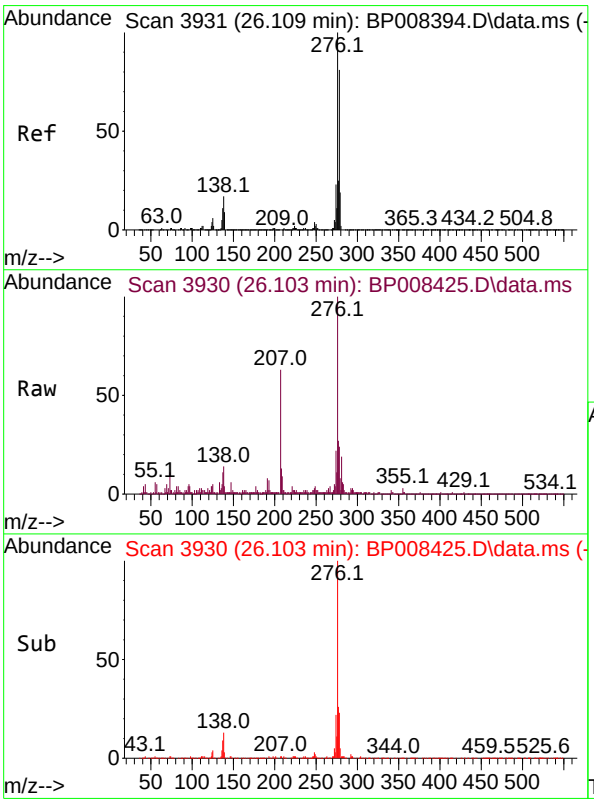
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.633 min Scan# 3
Delta R.T. -0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Instrument :
BNA_P
ClientSampleId :
CL-01-121021

Tgt Ion:264 Resp: 374826

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	23.0	17.6	26.4

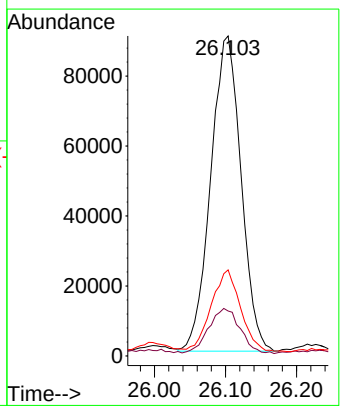


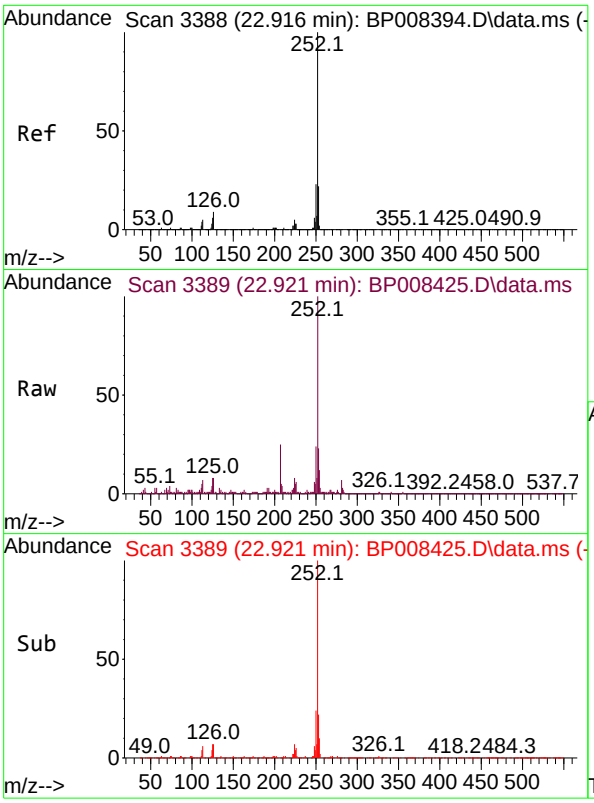


#87
Indeno(1,2,3-cd)pyrene
Concen: 9.054 ng
RT: 26.103 min Scan# 3930
Delta R.T. -0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Tgt Ion:276 Resp: 267151

Ion	Ratio	Lower	Upper
276	100		
138	14.8	16.6	25.0#
277	25.1	20.2	30.2



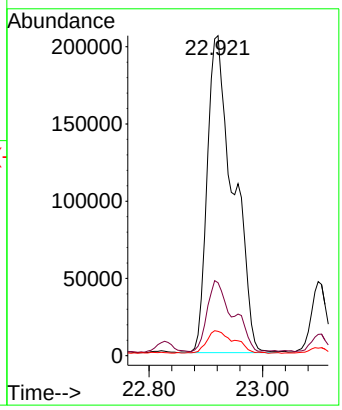


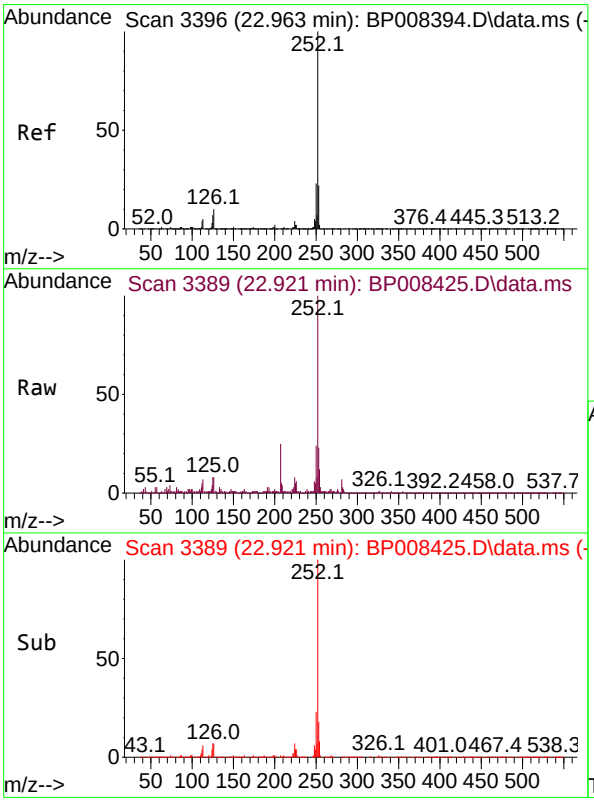
#88
Benzo(b)fluoranthene
Concen: 28.876 ng
RT: 22.921 min Scan# 3
Delta R.T. 0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Instrument :
BNA_P
ClientSampleId :
CL-01-121021

Tgt Ion:252 Resp: 651075

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	7.6	6.2	9.4

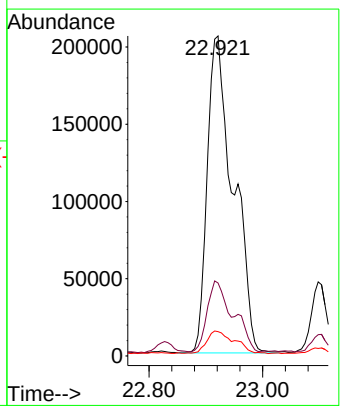


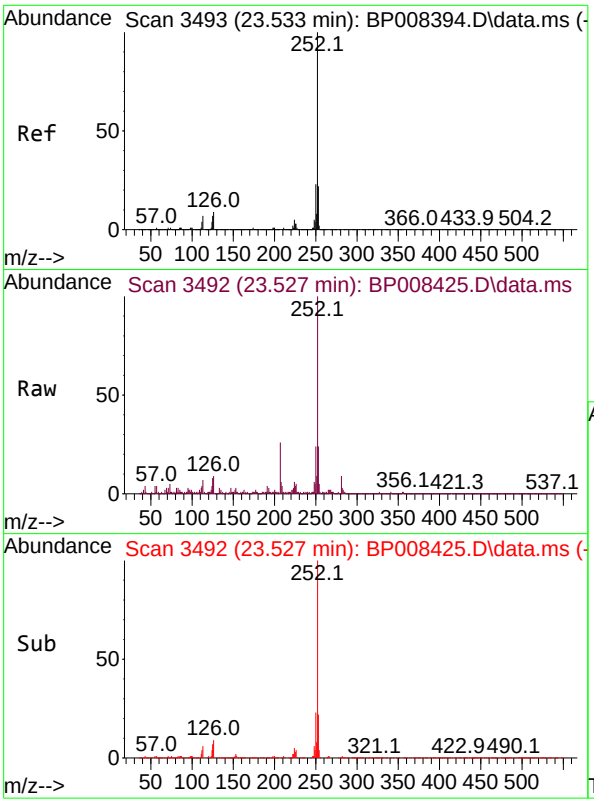


#89
Benzo(k)fluoranthene
Concen: 28.634 ng
RT: 22.921 min Scan# 3389
Delta R.T. -0.041 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Tgt Ion:252 Resp: 651075

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	7.6	6.5	9.7



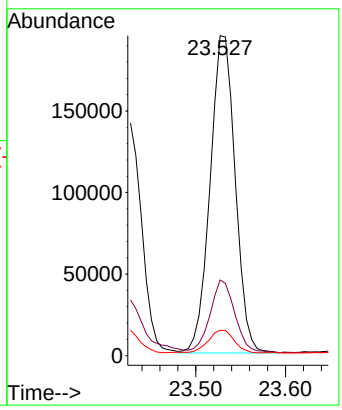


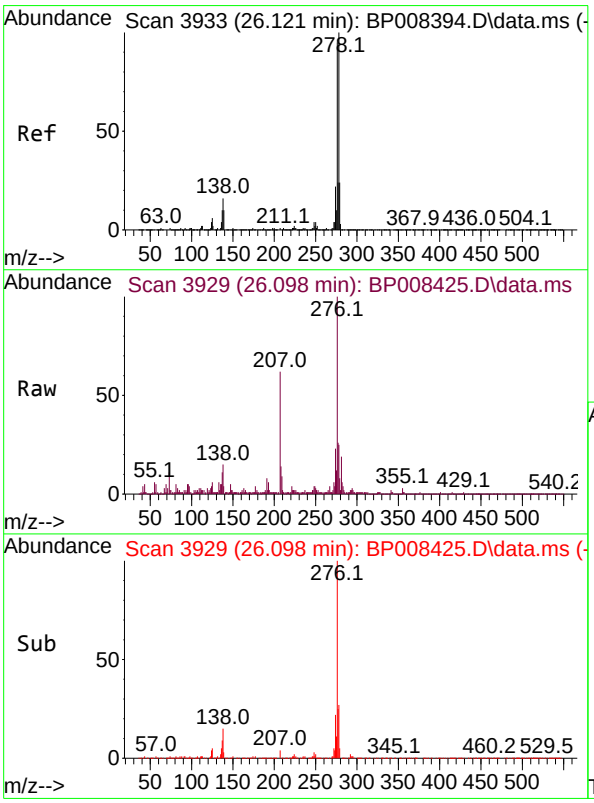
#90
Benzo(a)pyrene
Concen: 19.348 ng
RT: 23.527 min Scan# 34
Delta R.T. -0.006 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Instrument :
BNA_P
ClientSampleId :
CL-01-121021

Tgt Ion:252 Resp: 378649

Ion	Ratio	Lower	Upper
252	100		
253	23.6	17.6	26.4
125	7.9	7.4	11.0

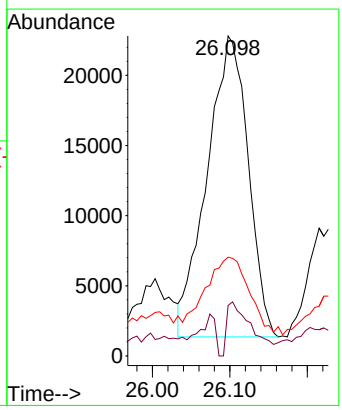


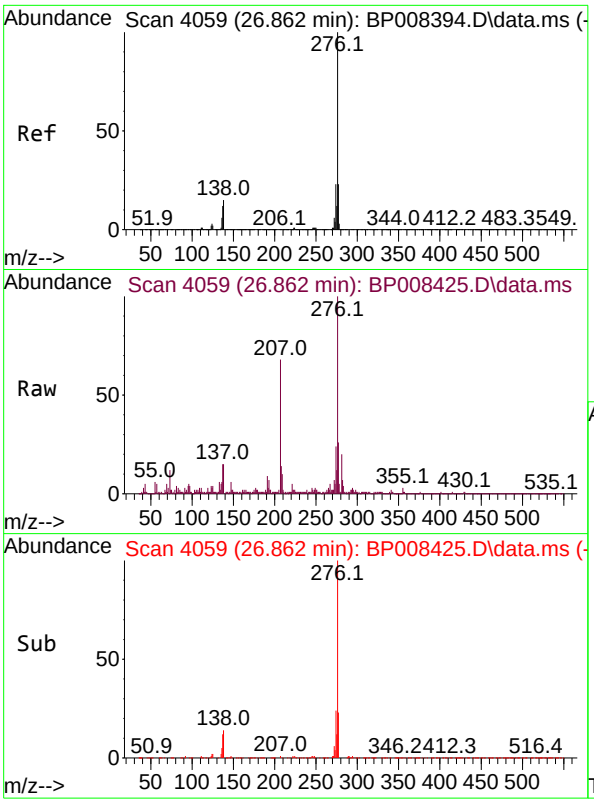


#91
Dibenzo(a,h)anthracene
Concen: 3.203 ng
RT: 26.098 min Scan# 3929
Delta R.T. -0.024 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Tgt Ion:278 Resp: 79109

Ion	Ratio	Lower	Upper
278	100		
139	15.8	10.8	16.2
279	30.9	19.1	28.7#





#92
Benzo(g,h,i)perylene
Concen: 11.219 ng
RT: 26.862 min Scan# 4
Delta R.T. -0.000 min
Lab File: BP008425.D
Acq: 15 Dec 2021 19:49

Instrument :
BNA_P
ClientSampleId :
CL-01-121021

Tgt Ion:276 Resp: 274392

Ion	Ratio	Lower	Upper
276	100		
277	25.7	20.0	30.0
138	15.2	14.1	21.1